



## Coal-Bed Methane Wells Reported to WVGES

West Virginia Geological and Economic Survey

### Coal-Bed Methane Wells Reported to WVGES

Entire table. 962 rows.

Data are current through July 2010.

Source: West Virginia Geological and Economic Survey, <https://www.wvgs.wvnet.edu/ogsummarystats/cbm/results>

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Rows 1-39 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator      | Subsequent Operator     | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------|-------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4700102790 | 001         | 2790          | Penn Virginia | Dominion E & P          | 7/11/2004       | 390730            | 800730             | 0.84        | 1.88       | 572626.5             | 4329422.8             |                           |                           |                           |                           |                           |                           |                           |
| 4700102795 | 001         | 2795          | Penn Virginia | Dominion E & P          | 2/27/2005       | 390730            | 800730             | 0.65        | 2.00       | 572430.5             | 4329743.2             |                           |                           |                           |                           |                           |                           |                           |
| 4700102797 | 001         | 2797          | CDX Gas       |                         | 8/1/2005        | 391230            | 800500             | 1.66        | 0.85       | 577804.2             | 4337400.3             |                           |                           |                           |                           |                           |                           |                           |
| 4700102798 | 001         | 2798          | CDX Gas       |                         | 8/1/2005        | 391230            | 800000             | 1.68        | 0.80       | 577885.0             | 4337368.9             |                           |                           |                           |                           |                           |                           |                           |
| 4700102802 | 001         | 2802          | CDX Gas       |                         | 10/19/2006      | 391230            | 800500             | 2.30        | 0.49       | 578393.9             | 4336375.3             |                           |                           |                           |                           |                           |                           |                           |
| 4700102803 | 001         | 2803          | CDX Gas       |                         | 8/18/2006       | 391230            | 800500             | 0.21        | 1.62       | 576542.1             | 4339723.6             |                           |                           |                           |                           |                           |                           |                           |
| 4700102806 | 001         | 2806          | CDX Gas       | Dominion E & P          | 2/10/2006       | 391000            | 801000             | 1.23        | 1.29       | 569933.6             | 4333394.5             |                           |                           |                           |                           |                           |                           |                           |
| 4700102808 | 001         | 2808          | CDX Gas       |                         | 4/23/2006       | 391230            | 800500             | 0.16        | 1.55       | 576654.0             | 4339805.3             |                           |                           |                           |                           |                           |                           |                           |
| 4700102809 | 001         | 2809          | CDX Gas       |                         | 4/26/2006       | 391230            | 800500             | 0.11        | 1.63       | 576524.5             | 4339884.5             |                           |                           |                           |                           |                           |                           |                           |
| 4700102818 | 001         | 2818          | CDX Gas       |                         | 5/28/2006       | 391230            | 800500             | 1.42        | 1.87       | 576158.9             | 4337770.8             |                           |                           |                           |                           |                           |                           |                           |
| 4700102820 | 001         | 2820          | CDX Gas       |                         | 7/15/2006       | 391230            | 800500             | 1.39        | 1.95       | 576029.6             | 4337817.8             |                           |                           |                           |                           |                           |                           |                           |
| 4700102828 | 001         | 2828          | CDX Gas       |                         | 8/28/2006       | 391500            | 800730             | 2.57        | 0.74       | 574352.5             | 4340525.3             |                           |                           |                           |                           |                           |                           |                           |
| 4700102829 | 001         | 2829          | CDX Gas       |                         | 10/9/2006       | 391500            | 800730             | 2.47        | 0.74       | 574350.9             | 4340686.4             |                           |                           |                           |                           |                           |                           |                           |
| 4700102830 | 001         | 2830          | CDX Gas       |                         | 3/6/2007        | 391500            | 800730             | 2.53        | 0.83       | 574207.1             | 4340588.4             |                           |                           |                           |                           |                           |                           |                           |
| 4700102834 | 001         | 2834          | CDX Gas       | Vitruvian Expl          | 3/20/2007       | 391500            | 800500             | 1.35        | 2.20       | 575582.0             | 4342502.4             |                           |                           |                           |                           |                           |                           |                           |
| 4700102835 | 001         | 2835          | CDX Gas       |                         | 2/25/2007       | 391500            | 800730             | 1.34        | 0.10       | 575363.0             | 4342516.3             |                           |                           |                           |                           |                           |                           |                           |
| 4700102847 | 001         | 2847          | CDX Gas       |                         | 4/13/2007       | 391500            | 800730             | 1.66        | 0.55       | 574644.1             | 4341994.0             |                           |                           |                           |                           |                           |                           |                           |
| 4700102873 | 001         | 2873          | CDX Gas       |                         | 5/31/2007       | 391500            | 800500             | 1.87        | 1.27       | 577086.0             | 4341679.4             |                           |                           |                           |                           |                           |                           |                           |
| 4700102874 | 001         | 2874          | CDX Gas       |                         | 6/10/2007       | 391500            | 800730             | 1.66        | 1.84       | 572569.2             | 4341974.5             |                           |                           |                           |                           |                           |                           |                           |
| 4700102875 | 001         | 2875          | CDX Gas       |                         | 6/24/2007       | 391500            | 800730             | 1.74        | 1.94       | 572409.6             | 4341844.1             |                           |                           |                           |                           |                           |                           |                           |
| 4700102876 | 001         | 2876          | CDX Gas       | Vitruvian Expl          | 6/18/2007       | 391500            | 800730             | 1.61        | 1.95       | 572391.5             | 4342053.4             |                           |                           |                           |                           |                           |                           |                           |
| 4700102880 | 001         | 2880          | CDX Gas       |                         | 8/19/2007       | 391500            | 800500             | 1.86        | 1.32       | 577005.5             | 4341694.7             |                           |                           |                           |                           |                           |                           |                           |
| 4700102904 | 001         | 2904          | Penn Virginia | Dominion E & P          | 2/11/2008       | 390730            | 800730             | 1.06        | 1.34       | 573498.2             | 4329076.6             |                           |                           |                           |                           |                           |                           |                           |
| 4700501672 | 005         | 1672          | Penn Virginia |                         |                 | 375000            | 813000             | 2.65        | 1.36       | 453801.7             | 4182995.0             |                           |                           |                           |                           |                           |                           |                           |
| 4701502747 | 015         | 2747          | Pine Mountain |                         | 7/31/2006       | 383000            | 805500             | 2.41        | 0.97       | 505709.8             | 4257207.4             |                           |                           |                           |                           |                           |                           |                           |
| 4701502748 | 015         | 2748          | Pine Mountain |                         | 7/31/2006       | 383000            | 805500             | 2.69        | 1.39       | 505034.4             | 4256756.1             |                           |                           |                           |                           |                           |                           |                           |
| 4701502749 | 015         | 2749          | Pine Mountain |                         | 8/7/2006        | 383000            | 805500             | 2.67        | 0.76       | 506047.9             | 4256789.0             |                           |                           |                           |                           |                           |                           |                           |
| 4701502750 | 015         | 2750          | Pine Mountain |                         | 7/24/2006       | 383000            | 805500             | 2.70        | 1.07       | 505549.2             | 4256740.3             |                           |                           |                           |                           |                           |                           |                           |
| 4701502751 | 015         | 2751          | Pine Mountain |                         | 9/25/2006       | 382730            | 805500             | 0.09        | 0.88       | 505855.2             | 4256320.5             |                           |                           |                           |                           |                           |                           |                           |
| 4701502752 | 015         | 2752          | Pine Mountain |                         | 8/14/2006       | 382730            | 805500             | 0.16        | 1.20       | 505340.4             | 4256207.4             |                           |                           |                           |                           |                           |                           |                           |
| 4701502753 | 015         | 2753          | Pine Mountain |                         | 10/3/2006       | 383000            | 805500             | 2.18        | 1.24       | 505275.2             | 4257577.5             |                           |                           |                           |                           |                           |                           |                           |
| 4701502754 | 015         | 2754          | Pine Mountain |                         | 10/23/2006      | 383000            | 805500             | 2.18        | 0.76       | 506047.3             | 4257578.1             |                           |                           |                           |                           |                           |                           |                           |
| 4701502755 | 015         | 2755          | Pine Mountain |                         | 12/11/2006      | 383000            | 805500             | 1.84        | 1.34       | 505114.0             | 4258125.0             |                           |                           |                           |                           |                           |                           |                           |
| 4701502756 | 015         | 2756          | Pine Mountain |                         | 12/18/2006      | 383000            | 805500             | 1.88        | 0.87       | 505870.0             | 4258061.1             |                           |                           |                           |                           |                           |                           |                           |
| 4701502757 | 015         | 2757          | Pine Mountain |                         | 10/25/2006      | 383000            | 805500             | 1.68        | 1.08       | 505532.0             | 4258382.9             |                           |                           |                           |                           |                           |                           |                           |
| 4703305078 | 033         | 5078          | CDX Gas       |                         | 8/15/2008       | 391500            | 801000             | 1.06        | 0.60       | 570964.6             | 4343150.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704501433 | 045         | 1433          | Penn Virginia |                         | 11/15/2001      | 375000            | 813500             | 2.81        | 1.78       | 445777.5             | 4182766.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704700830 | 047         | 830           | EREX          | Equitable Production Co | 11/1/2000       | 372000            | 814730             | 0.28        | 2.20       | 426319.4             | 4131509.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704700882 | 047         | 882           | EREX          | Equitable Production Co | 1/11/2001       | 372000            | 815000             | 2.38        | 0.53       | 425280.2             | 4128159.0             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 1-39 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf)  | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|
| 4700102790 | 001         | 2790          |                           |                           |                           |                           |                           | 45,533                    | 64,618                    | 46,719                    | 32,915                    | 33,734                     | 30,687                    | 254,206                    |
| 4700102795 | 001         | 2795          |                           |                           |                           |                           |                           |                           | 36,235                    | 23,845                    | 10,680                    | 9,617                      | 7,759                     | 88,136                     |
| 4700102797 | 001         | 2797          |                           |                           |                           |                           |                           |                           |                           | 203,845                   | 247,563                   | 158,549                    | 117,351                   | 727,308                    |
| 4700102798 | 001         | 2798          |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well             | abandoned well            | 0                          |
| 4700102802 | 001         | 2802          |                           |                           |                           |                           |                           |                           |                           |                           | 52,358                    | 22,408                     | 0                         | 74,766                     |
| 4700102803 | 001         | 2803          |                           |                           |                           |                           |                           |                           |                           | 57,279                    | 394,622                   | 202,857                    | 76,392                    | 731,150                    |
| 4700102806 | 001         | 2806          |                           |                           |                           |                           |                           |                           |                           | 1,613                     | 1,126                     | 1,971                      | 4,181                     | 8,891                      |
| 4700102808 | 001         | 2808          |                           |                           |                           |                           |                           |                           |                           | 127,924                   | 181,366                   | 127,925                    | 91,459                    | 528,674                    |
| 4700102809 | 001         | 2809          |                           |                           |                           |                           |                           |                           |                           | 348,097                   | 334,646                   | 218,518                    | 185,373                   | 1,086,634                  |
| 4700102818 | 001         | 2818          |                           |                           |                           |                           |                           |                           |                           | 186,318                   | 402,186                   | 197,206                    | 104,888                   | 890,598                    |
| 4700102820 | 001         | 2820          |                           |                           |                           |                           |                           |                           |                           | 9,924                     | 67,380                    | 37,379                     | 36,810                    | 151,493                    |
| 4700102828 | 001         | 2828          |                           |                           |                           |                           |                           |                           |                           |                           | 119,709                   | 153,972                    | 129,824                   | 403,505                    |
| 4700102829 | 001         | 2829          |                           |                           |                           |                           |                           |                           |                           |                           | 244,411                   | 268,160                    | 141,066                   | 653,637                    |
| 4700102830 | 001         | 2830          |                           |                           |                           |                           |                           |                           |                           |                           | 136,419                   | 185,893                    | 105,586                   | 427,898                    |
| 4700102834 | 001         | 2834          |                           |                           |                           |                           |                           |                           |                           |                           | 516,605                   | 488,455                    | 178,090                   | 1,183,150                  |
| 4700102835 | 001         | 2835          |                           |                           |                           |                           |                           |                           |                           |                           | 399,052                   | 403,007                    | 195,722                   | 997,781                    |
| 4700102847 | 001         | 2847          |                           |                           |                           |                           |                           |                           |                           |                           | 285,933                   | 467,449                    |                           | 753,382                    |
| 4700102873 | 001         | 2873          |                           |                           |                           |                           |                           |                           |                           |                           | 250,328                   | 834,198                    | 461,392                   | 1,545,918                  |
| 4700102874 | 001         | 2874          |                           |                           |                           |                           |                           |                           |                           |                           | 210,149                   | 834,874                    | 355,744                   | 1,400,767                  |
| 4700102875 | 001         | 2875          |                           |                           |                           |                           |                           |                           |                           |                           | 32,275                    | 629,476                    | 300,541                   | 962,292                    |
| 4700102876 | 001         | 2876          |                           |                           |                           |                           |                           |                           |                           |                           | 4,643                     | 633,068                    | 349,605                   | 987,316                    |
| 4700102880 | 001         | 2880          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction         | under construction        | 0                          |
| 4700102904 | 001         | 2904          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 42,150                     | 59,603                    | 101,753                    |
| 4700501672 | 005         | 1672          |                           |                           |                           | 1                         | 0                         | 0                         | 0                         | abandoned well            | abandoned well            | 185                        | plugged                   | 186                        |
| 4701502747 | 015         | 2747          |                           |                           |                           |                           |                           |                           |                           |                           | 2,554                     | 3,186                      | 5,565                     | 11,305                     |
| 4701502748 | 015         | 2748          |                           |                           |                           |                           |                           |                           |                           |                           | 22                        | 284                        | abandoned well            | 306                        |
| 4701502749 | 015         | 2749          |                           |                           |                           |                           |                           |                           |                           |                           | 3,984                     | 4,807                      | 6,707                     | 15,498                     |
| 4701502750 | 015         | 2750          |                           |                           |                           |                           |                           |                           |                           |                           | 4,538                     | 5,506                      | 5,889                     | 15,933                     |
| 4701502751 | 015         | 2751          |                           |                           |                           |                           |                           |                           |                           |                           | 1,413                     | 1,144                      | 1,246                     | 3,803                      |
| 4701502752 | 015         | 2752          |                           |                           |                           |                           |                           |                           |                           |                           | 3,394                     | 3,959                      | 5,247                     | 12,600                     |
| 4701502753 | 015         | 2753          |                           |                           |                           |                           |                           |                           |                           |                           | 447                       | 2,157                      | 5                         | 2,609                      |
| 4701502754 | 015         | 2754          |                           |                           |                           |                           |                           |                           |                           |                           | 3,030                     | 4,631                      | 7,540                     | 15,201                     |
| 4701502755 | 015         | 2755          |                           |                           |                           |                           |                           |                           |                           |                           | 745                       | 897                        | 1,209                     | 2,851                      |
| 4701502756 | 015         | 2756          |                           |                           |                           |                           |                           |                           |                           |                           | 1,564                     | 2,696                      | 4,212                     | 8,472                      |
| 4701502757 | 015         | 2757          |                           |                           |                           |                           |                           |                           |                           |                           | 1,321                     | 1,967                      | 2,486                     | 5,774                      |
| 4703305078 | 033         | 5078          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                            |                           |                            |
| 4704501433 | 045         | 1433          |                           |                           |                           | 157                       | 254                       | 7                         | 0                         | abandoned well            | abandoned well            | 572                        | 398                       | 1,388                      |
| 4704700830 | 047         | 830           |                           | 0                         | 7,027                     | 4,276                     | 4,000                     | 1,337                     | 3,615                     | 4,020                     | 3,621                     | 0                          | abandoned well            | 27,896                     |
| 4704700882 | 047         | 882           |                           |                           | 13,931                    | 6,825                     | 7,689                     | 10,496                    |                           | 2 records                 | 2 records:16,208 and 3398 | 2 records; 13,930 & 15,209 | 2 records; 14,562 & 9,168 | 38,941                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 1-39 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name                | Pays                                                              | Comments                                                  |
|------------|-------------|---------------|---------------------------|-------------------------------------------------------------------|-----------------------------------------------------------|
| 4700102790 | 001         | 2790          |                           | Lwr Kit                                                           | horizontal; laterals                                      |
| 4700102795 | 001         | 2795          | Buckhannon-Century        | Lwr Kit                                                           | horizontal; laterals; 10 months production 2005           |
| 4700102797 | 001         | 2797          | Elk Creek(Overfield)      | Lwr Kit, Clarion; horizontals; see 001 2798                       |                                                           |
| 4700102798 | 001         | 2798          | Elk Creek(Overfield)      | Lwr Kit, Clarion; horizontals; see 001 2797                       |                                                           |
| 4700102802 | 001         | 2802          |                           | Clarion                                                           | 11+ months production 2007                                |
| 4700102803 | 001         | 2803          | Elk Creek(Overfield)      | Lwr Kit horizontals; see 001 2804                                 | only 3 months production 2006                             |
| 4700102806 | 001         | 2806          | Elk Creek(Overfield)      | Lwr Kit horizontals; well is producing naturally                  | 9 months production 2006                                  |
| 4700102808 | 001         | 2808          | Elk Creek(Overfield)      | Lwr Kit vertical                                                  | 5 months prod 2006                                        |
| 4700102809 | 001         | 2809          | Elk Creek(Overfield)      | Lwr Kit vertical                                                  | 7 months prod 2006                                        |
| 4700102818 | 001         | 2818          | Elk Creek(Overfield)      | Lwr Kit horizontals; see 001 2820                                 | 3+ months production 2006                                 |
| 4700102820 | 001         | 2820          | Elk Creek(Overfield)      | Lwr Kit horizontals; see 001 2818                                 | 2 months production 2006                                  |
| 4700102828 | 001         | 2828          |                           | Lwr Kit                                                           | 8+ months production 2007                                 |
| 4700102829 | 001         | 2829          |                           | Lwr Kit                                                           | 9 months production 2007                                  |
| 4700102830 | 001         | 2830          |                           | Lwr Kit                                                           | 9 months production 2007                                  |
| 4700102834 | 001         | 2834          |                           | Lwr Kit                                                           | 9 months production 2007                                  |
| 4700102835 | 001         | 2835          |                           | Lwr Kit                                                           | 9 months production 2007                                  |
| 4700102847 | 001         | 2847          |                           | Lwr Kit                                                           | 8 months production 2007                                  |
| 4700102873 | 001         | 2873          |                           | Lwr Kit, Upr Kit                                                  | only 3+ months production 2007                            |
| 4700102874 | 001         | 2874          |                           | Lwr Kit                                                           | only 3+ months production 2007                            |
| 4700102875 | 001         | 2875          |                           | Lwr Kit                                                           | only 1+ month production 2007                             |
| 4700102876 | 001         | 2876          |                           | Lwr Kit, Upr Kit                                                  |                                                           |
| 4700102880 | 001         | 2880          |                           |                                                                   | service well                                              |
| 4700102904 | 001         | 2904          | Buckhannon-Century        | Lwr Kit horizontals; well is producing naturally                  | 10+ months production 2008                                |
| 4700501672 | 005         | 1672          | Hopkins Fk-Jarolds Valley |                                                                   | no record; abandoned well; plugged OOG 05122009           |
| 4701502747 | 015         | 2747          |                           | Lwr Sewell, LitEagle, LwrEagle, Eagle,2Gas                        |                                                           |
| 4701502748 | 015         | 2748          |                           | Lwr Sewell, Lit Eagle, Eagle, 2Gas                                | 2 months production 2007; 5 months production 2008        |
| 4701502749 | 015         | 2749          |                           | Lwr Sewell, Lit Eagle, Eagle, 2Gas                                |                                                           |
| 4701502750 | 015         | 2750          |                           | Lwr Sewell, Lit Eagle, Eagle, 2Gas                                |                                                           |
| 4701502751 | 015         | 2751          |                           | Lwr Sewell, Mid Sewell, Lit Eagle, Lwr Eagle,Eagle, 2Gas          |                                                           |
| 4701502752 | 015         | 2752          |                           | Lwr Sewell, Mid Sewell, Lwr War Eagle, Lit Eagle, Lwr Eagle,Eagle |                                                           |
| 4701502753 | 015         | 2753          |                           | Lwr Sewell, Lwr Eagle, Eagle, 2Gas                                | 3+ months production 2007                                 |
| 4701502754 | 015         | 2754          |                           | Lwr Sewell, Lwr Eagle, Eagle, 2Gas                                | 9 months production 2007                                  |
| 4701502755 | 015         | 2755          |                           | Lwr Sewell, Mid Sewell, Lit Eagle, Lwr Eagle,Eagle, 2Gas          | 9 months production 2007                                  |
| 4701502756 | 015         | 2756          |                           | Lwr Sewell, Lit Eagle, Lwr Eagle,Eagle, 2Gas                      | 7 months production 2007                                  |
| 4701502757 | 015         | 2757          |                           | Lwr Sewell, Lwr War Eagle, Lit Eagle, Lwr Eagle,Eagle, 2Gas       | 9 months production 2007                                  |
| 4703305078 | 033         | 5078          |                           |                                                                   | plugged 08/20/2008, targeted Upr and Lwr Kittanning coals |
| 4704501433 | 045         | 1433          | Mann-Oceana               | WarEagle,Gilbert,Douglas                                          | 12/2002 production only; 8 months production 2008         |
| 4704700830 | 047         | 830           | Bradshaw CBM              | FireCk, Poca 9,8,6,5,4,3,2, SqrJim                                | plugged back from Berea                                   |
| 4704700882 | 047         | 882           | Bradshaw CBM              | FireCk, Poca 8,6,5,4,3                                            | CBM produced thru tbg;DevShale,Ber,BLime thru 4.5 inch    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 40-84 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator | Subsequent Operator     | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------|-------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704701161 | 047         | 1161          | EREX     | Equitable Production Co | 10/16/2000      | 372000            | 815000             | 1.39        | 0.88       | 424752.7             | 4129735.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701187 | 047         | 1187          | USX      | Pinnacle Mining Co, LLC | 2/13/1995       | 373000            | 813230             | 1.09        | 0.23       | 451742.5             | 4148520.2             |                           |                           |                           | 0                         | ?                         | ?                         |                           |
| 4704701262 | 047         | 1262          | USX      | Pinnacle Mining Co, LLC | 3/1/1995        | 373000            | 813000             | 2.01        | 2.25       | 452175.8             | 4147038.5             |                           |                           |                           | 78,289                    | 68,864                    | ?                         |                           |
| 4704701265 | 047         | 1265          | USX      | Pinnacle Mining Co, LLC | 3/21/1996       | 373000            | 813000             | 2.01        | 1.49       | 453403.6             | 4147031.5             |                           |                           |                           |                           | 125,319                   | 44,259                    |                           |
| 4704701279 | 047         | 1279          | EREX     | Equitable Production Co | 9/28/1996       | 372230            | 815000             | 0.82        | 1.59       | 423646.6             | 4135293.0             |                           |                           |                           |                           |                           | 28,761                    | 34,705                    |
| 4704701280 | 047         | 1280          | EREX     | Equitable Production Co | 10/18/1996      | 372230            | 814730             | 0.86        | 1.69       | 427188.4             | 4135199.2             |                           |                           |                           |                           | na                        | 15,993                    | 15,647                    |
| 4704701281 | 047         | 1281          | EREX     | Equitable Production Co | 10/17/1996      | 372230            | 814730             | 1.15        | 1.93       | 426790.4             | 4134741.5             |                           |                           |                           |                           | na                        | 9,529                     | 8,513                     |
| 4704701282 | 047         | 1282          | EREX     | Equitable Production Co | 9/24/1996       | 372230            | 815000             | 0.02        | 1.61       | 423633.4             | 4136587.2             |                           |                           |                           |                           | na                        | 11,766                    | 9,879                     |
| 4704701283 | 047         | 1283          | USX      | Pinnacle Mining Co, LLC | 8/6/1996        | 373000            | 813000             | 2.37        | 2.02       | 452540.8             | 4146451.2             |                           |                           |                           |                           | 27,475                    | na                        |                           |
| 4704701284 | 047         | 1284          | USX      | Pinnacle Mining Co, LLC | 10/11/1996      | 373000            | 813000             | 2.07        | 1.27       | 453747.2             | 4146937.2             |                           |                           |                           |                           | 5,061                     | 187,599                   |                           |
| 4704701289 | 047         | 1289          | USX      | Pinnacle Mining Co, LLC | 2/6/1997        | 373000            | 813000             | 2.53        | 1.78       | 452932.8             | 4146202.0             |                           |                           |                           |                           |                           | 184,581                   |                           |
| 4704701306 | 047         | 1306          | EREX     | Equitable Production Co | 10/5/1997       | 372230            | 815000             | 0.75        | 1.96       | 423057.2             | 4135421.7             |                           |                           |                           |                           |                           | 1,276                     | 27,016                    |
| 4704701307 | 047         | 1307          | EREX     | Equitable Production Co | 10/14/1997      | 372230            | 815000             | 1.21        | 1.55       | 423714.6             | 4134675.7             |                           |                           |                           |                           |                           | 0                         | 10,117                    |
| 4704701308 | 047         | 1308          | EREX     | Equitable Production Co | 10/18/1997      | 372230            | 815000             | 1.13        | 0.77       | 424970.5             | 4134788.0             |                           |                           |                           |                           |                           | 0                         | 5,774                     |
| 4704701309 | 047         | 1309          | EREX     | Equitable Production Co | 10/6/1997       | 372230            | 814730             | 1.15        | 1.56       | 427381.0             | 4134736.2             |                           |                           |                           |                           |                           | 195                       | 34,151                    |
| 4704701310 | 047         | 1310          | EREX     | Equitable Production Co | 9/20/1997       | 372230            | 814730             | 0.13        | 2.24       | 426313.0             | 4136378.5             |                           |                           |                           |                           |                           | 1,014                     | 18,435                    |
| 4704701314 | 047         | 1314          | EREX     | Equitable Production Co | 10/10/1997      | 372230            | 815000             | 0.42        | 1.66       | 423553.9             | 4135941.0             |                           |                           |                           |                           |                           | 0                         | 13,157                    |
| 4704701315 | 047         | 1315          | EREX     | Equitable Production Co | 9/26/1997       | 372230            | 815000             | 2.03        | 1.67       | 423505.9             | 4133352.7             |                           |                           |                           |                           |                           | 1,504                     | 13,337                    |
| 4704701316 | 047         | 1316          | EREX     | Equitable Production Co | 10/1/1997       | 372230            | 815230             | 0.63        | 0.72       | 421361.8             | 4135623.0             |                           |                           |                           |                           |                           | 791                       | 4,803                     |
| 4704701317 | 047         | 1317          | EREX     | equitable Production Co | 9/12/1997       | 372500            | 814230             | 2.85        | 1.92       | 434211.0             | 4136781.0             |                           |                           |                           |                           |                           | 0                         | 26,420                    |
| 4704701318 | 047         | 1318          | EREX     | Equitable Production Co | 10/22/1997      | 372230            | 814730             | 0.42        | 1.43       | 427612.7             | 4135905.0             |                           |                           |                           |                           |                           | 0                         | 12,477                    |
| 4704701325 | 047         | 1325          | USX      | Pinnacle Mining Co, LLC | 12/14/1997      | 373000            | 813000             | 2.14        | 0.84       | 454434.7             | 4146810.5             |                           |                           |                           |                           |                           |                           | 170,313                   |
| 4704701333 | 047         | 1333          | USX      | Pinnacle Mining Co, LLC | 3/17/1998       | 373000            | 813000             | 2.58        | 1.36       | 453595.5             | 4146106.2             |                           |                           |                           |                           |                           |                           | 159,366                   |
| 4704701337 | 047         | 1337          | EREX     | Equitable Production Co | 7/8/1999        | 372000            | 814730             | 1.44        | 0.48       | 429084.5             | 4129636.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701338 | 047         | 1338          | EREX     | Equitable Production Co | 9/30/1998       | 372000            | 814730             | 1.72        | 0.35       | 429277.3             | 4129172.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701339 | 047         | 1339          | EREX     | Equitable Production Co | 9/28/1998       | 372000            | 814730             | 1.21        | 0.72       | 428693.5             | 4130009.7             |                           |                           |                           |                           |                           |                           | 0                         |
| 4704701340 | 047         | 1340          | EREX     | Equitable Production Co | 9/4/1998        | 372230            | 815000             | 1.17        | 2.05       | 422903.7             | 4134745.2             |                           |                           |                           |                           |                           |                           | 2,014                     |
| 4704701341 | 047         | 1341          | EREX     | Equitable Production Co | 9/4/1998        | 372230            | 815000             | 0.98        | 1.79       | 423324.1             | 4135049.2             |                           |                           |                           |                           |                           |                           | 3,231                     |
| 4704701342 | 047         | 1342          | EREX     | Equitable Production Co | 9/21/1998       | 372230            | 815000             | 0.73        | 2.16       | 422738.0             | 4135455.2             |                           |                           |                           |                           |                           |                           | 1,409                     |
| 4704701346 | 047         | 1346          | EREX     | Equitable Production Co | 6/30/1999       | 372230            | 815000             | 0.50        | 1.38       | 423995.9             | 4135813.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701348 | 047         | 1348          | EREX     | Equitable Production Co | 9/22/1998       | 372230            | 814730             | 0.78        | 1.33       | 427755.0             | 4135318.0             |                           |                           |                           |                           |                           |                           | 3,247                     |
| 4704701349 | 047         | 1349          | EREX     | Equitable Production Co | 9/24/1998       | 372230            | 814730             | 1.05        | 1.26       | 427874.2             | 4134885.5             |                           |                           |                           |                           |                           |                           | 1,521                     |
| 4704701359 | 047         | 1359          | EREX     | Equitable Production Co | 12/30/1999      | 372500            | 814230             | 2.68        | 1.80       | 434408.6             | 4136835.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701360 | 047         | 1360          | EREX     | Equitable Production Co | 12/19/1999      | 372230            | 814230             | 0.05        | 1.48       | 434898.0             | 4136430.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701361 | 047         | 1361          | EREX     | Equitable Production Co | 12/10/1999      | 372230            | 814230             | 0.33        | 1.58       | 434746.6             | 4136000.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701362 | 047         | 1362          | EREX     | Equitable Production Co | 4/4/2000        | 372230            | 814230             | 0.12        | 1.87       | 434275.7             | 4136334.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701368 | 047         | 1368          | EREX     | Equitable Production Co | 7/2/1999        | 372230            | 815000             | 1.65        | 1.63       | 423585.2             | 4133968.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701369 | 047         | 1369          | EREX     | Equitable Production Co | 6/17/1999       | 372230            | 815000             | 1.85        | 1.31       | 424099.0             | 4133624.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701388 | 047         | 1388          | EREX     | Equitable Production Co | 7/8/1999        | 372230            | 814730             | 1.41        | 1.62       | 427278.5             | 4134304.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701406 | 047         | 1406          | EREX     | Equitable Production Co | 1/1/2000        | 372230            | 814730             | 1.51        | 1.97       | 426711.7             | 4134156.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701407 | 047         | 1407          | EREX     | Equitable Production Co | 2/11/2002       | 372230            | 814730             | 0.68        | 1.05       | 428198.8             | 4135468.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701434 | 047         | 1434          | EREX     | Equitable Production Co | 10/19/2000      | 372000            | 815000             | 0.98        | 0.37       | 425566.4             | 4130400.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701440 | 047         | 1440          | EREX     | Equitable Production Co | 8/30/2000       | 372230            | 814730             | 2.25        | 2.25       | 426282.8             | 4132958.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701441 | 047         | 1441          | EREX     | Equitable Production Co | 3/26/2001       | 372230            | 814730             | 2.53        | 1.95       | 426746.7             | 4132522.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701461 | 047         | 1461          | EREX     | Equitable Production Co | 10/16/2001      | 372230            | 815000             | 2.29        | 0.71       | 425052.2             | 4132907.2             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 40-84 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf)  | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf)  | Gas Production 2009 (Mcf)  | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| 4704701161 | 047         | 1161          |                           |                           | 20,397                    | 22,471                    | 21,091                    | 15,514                    |                            | 2 records                 | 2 records:13,754 and 9874 | 2 records; 17,861 & 12,852 | 2 records; 28,148 & 12,393 | 79,473                     |
| 4704701187 | 047         | 1187          |                           |                           |                           |                           | abandoned well            |                           |                            |                           | abandoned well            | abandoned well             | abandoned well             | 0                          |
| 4704701262 | 047         | 1262          |                           |                           |                           | plugged                   | plugged                   |                           |                            | plugged                   | plugged                   | plugged                    | plugged                    | 147,153                    |
| 4704701265 | 047         | 1265          |                           |                           |                           | abandoned well            | abandoned well            |                           |                            |                           | abandoned well            | abandoned well             | abandoned well             | 169,578                    |
| 4704701279 | 047         | 1279          | 47,825                    | 43,097                    | 44,403                    | 42,145                    | 32,532                    | 36,114                    | 31,473                     |                           | abandoned well            | 24,369                     | 17,348                     | 382,772                    |
| 4704701280 | 047         | 1280          | 15,071                    | 14,960                    | 15,565                    | 17,341                    | 17,891                    | 18,638                    | 12,245                     |                           | abandoned well            | 10,749                     | 5,742                      | 159,842                    |
| 4704701281 | 047         | 1281          | 7,457                     | 7,014                     | 8,060                     | 7,495                     | 9,166                     | 7,998                     | 8,207                      |                           | abandoned well            | 2,380                      | 1,749                      | 77,568                     |
| 4704701282 | 047         | 1282          | 9,244                     | 9,676                     | 16,174                    | 18,496                    | 20,889                    | 17,858                    | 6,443                      |                           | abandoned well            | 13,148                     | 8,473                      | 142,046                    |
| 4704701283 | 047         | 1283          |                           |                           |                           | abandoned well            | abandoned well            |                           |                            |                           | abandoned well            | abandoned well             | abandoned well             | 27,475                     |
| 4704701284 | 047         | 1284          |                           |                           |                           | abandoned well            | abandoned well            |                           |                            |                           | abandoned well            | abandoned well             | abandoned well             | 192,660                    |
| 4704701289 | 047         | 1289          |                           |                           |                           | abandoned well            | abandoned well            |                           |                            |                           | abandoned well            | abandoned well             | abandoned well             | 184,581                    |
| 4704701306 | 047         | 1306          | 38,485                    | 57,148                    | 77,169                    | 75,377                    | 68,563                    | 57,015                    | 2 records                  | 34,111                    | 32,615                    | 13,868                     | 24,047                     | 506,690                    |
| 4704701307 | 047         | 1307          | 14,000                    | 14,578                    | 16,169                    | 18,105                    | 18,692                    | 19,633                    | 2 records                  | 18,440                    | 20,185                    | 18,258                     | 14,715                     | 182,892                    |
| 4704701308 | 047         | 1308          | 9,523                     | 8,927                     | 9,626                     | 8,025                     | 9,841                     | 13,551                    | 2 records                  | 5,820                     | 6,083                     | 7,947                      | 6,012                      | 91,129                     |
| 4704701309 | 047         | 1309          | 32,496                    | 24,353                    | 15,634                    | 11,771                    | 14,508                    | 15,874                    | 2 records: 8,480 and 9,375 | 11,318                    | 16,286                    | 20,708                     | 11,116                     | 208,410                    |
| 4704701310 | 047         | 1310          | 28,462                    | 32,042                    | 31,802                    | 30,121                    | 18,544                    | 19,424                    | 2 records                  | 9,151                     | 17,462                    | 18,994                     | 14,888                     | 240,339                    |
| 4704701314 | 047         | 1314          | 17,575                    | 24,455                    | 58,219                    | 64,268                    | 61,128                    | 52,078                    | 2 records                  | 27,379                    | 29,535                    | 25,965                     | 20,645                     | 394,404                    |
| 4704701315 | 047         | 1315          | 17,768                    | 22,061                    | 21,078                    | 19,330                    | 21,299                    | 25,004                    | 2 records                  | 22,639                    | 22,877                    | 18,923                     | 18,219                     | 224,039                    |
| 4704701316 | 047         | 1316          | 5,572                     | 5,120                     | 4,948                     | 4,865                     | 5,141                     | 5,226                     | 2 records                  | 3,409                     | 121                       | 0                          | abandoned well             | 39,996                     |
| 4704701317 | 047         | 1317          | 36,600                    | 36,205                    | 39,552                    | 35,632                    | 35,782                    | 35,018                    | 26,650                     | 29,978                    | 16,639                    | 26,128                     | 23,325                     | 367,929                    |
| 4704701318 | 047         | 1318          | 14,125                    | 9,280                     | 11,720                    | 10,942                    | 10,139                    | 9,317                     | 2 records                  | 775                       | 95                        | 517                        | 206                        | 79,593                     |
| 4704701325 | 047         | 1325          | 78,402                    |                           |                           | abandoned well            | abandoned well            |                           |                            |                           | abandoned well            | abandoned well             | abandoned well             | 248,715                    |
| 4704701333 | 047         | 1333          |                           |                           |                           | abandoned well            | abandoned well            |                           |                            |                           | abandoned well            | abandoned well             | abandoned well             | 159,366                    |
| 4704701337 | 047         | 1337          | 2,493                     | 5,006                     | 2,667                     | 4,489                     | 2,742                     | 906                       | 2 records                  | 248                       | 332                       | 766                        | 210                        | 19,859                     |
| 4704701338 | 047         | 1338          | 13,519                    | 11,558                    | 12,462                    | 13,623                    | 8,355                     | 3,798                     | 2 records                  | 10,703                    | 6,478                     | 19,704                     | 9,517                      | 109,717                    |
| 4704701339 | 047         | 1339          | 6,020                     | 7,594                     | 7,389                     | 11,450                    | 10,509                    | 14,187                    | 2 records                  | 11,497                    | 14,255                    | 19,713                     | 15,182                     | 117,796                    |
| 4704701340 | 047         | 1340          | 10,449                    | 10,239                    | 13,653                    | 18,229                    | 19,213                    | 18,472                    | 2 records                  | 15,362                    | 17,542                    | 19,453                     | 16,823                     | 161,449                    |
| 4704701341 | 047         | 1341          | 15,739                    | 28,483                    | 34,609                    | 33,472                    | 28,643                    | 24,251                    | 2 records                  | 16,547                    | 16,652                    | 19,728                     | 12,789                     | 234,144                    |
| 4704701342 | 047         | 1342          | 12,027                    | 13,007                    | 16,484                    | 18,673                    | 18,525                    | 19,210                    | 2 records                  | 25,206                    | 18,432                    | 12,344                     | 10,240                     | 165,557                    |
| 4704701346 | 047         | 1346          | 3,830                     | 11,617                    | 17,028                    | 20,872                    | 22,915                    | 20,881                    | 2 records                  | 15,168                    | 13,027                    | 14,606                     | 9,960                      | 149,904                    |
| 4704701348 | 047         | 1348          | 21,195                    | 26,843                    | 35,516                    | 17,919                    | 6,737                     | 6,691                     | 2 records                  | 12,473                    | 12,352                    | 11,695                     | 8,077                      | 162,745                    |
| 4704701349 | 047         | 1349          | 30,369                    | 22,845                    | 21,946                    | 18,352                    | 17,768                    | 19,328                    | 2 records                  | 4,182                     | abandoned well            | 1,403                      | 1,223                      | 138,937                    |
| 4704701359 | 047         | 1359          |                           | 3,140                     | 3,658                     | 3,020                     | 887                       | 64                        | 2 records                  | 2,731                     | 3,883                     | 4,771                      | 3,640                      | 25,794                     |
| 4704701360 | 047         | 1360          |                           | 2,544                     | 6,045                     | 8,403                     | 8,430                     | 6,608                     | 2 records                  | 6,071                     | 6,721                     | 9,528                      | 8,034                      | 62,384                     |
| 4704701361 | 047         | 1361          |                           | 2,581                     | 5,181                     | 7,524                     | 7,559                     | 1,907                     | 2 records                  | 5,181                     | 11,147                    | 13,351                     | 11,046                     | 65,477                     |
| 4704701362 | 047         | 1362          |                           | 223                       | 866                       | 1,949                     |                           |                           |                            | abandoned well            | abandoned well            | 0                          | 4,322                      | 7,360                      |
| 4704701368 | 047         | 1368          | 1,807                     | 4,106                     | 4,825                     | 4,709                     | 5,551                     | 6,789                     | 2 records                  | 6,766                     | 7,771                     | 8,226                      | 6,213                      | 56,763                     |
| 4704701369 | 047         | 1369          | 939                       | 10,605                    | 13,252                    | 17,682                    | 20,972                    | 23,952                    | 2 records                  | 23,775                    | 26,691                    | 27,050                     | 24,485                     | 189,403                    |
| 4704701388 | 047         | 1388          |                           | 7,529                     | 11,136                    | 10,997                    | 6,132                     | 6,852                     | 2 records                  | 6,687                     | 8,083                     | 3,203                      | 2,144                      | 62,763                     |
| 4704701406 | 047         | 1406          |                           | 5,980                     | 8,836                     | 7,899                     | 5,636                     | 6,140                     | 2 records                  | 5,637                     | 6,754                     | 6,064                      | 1,775                      | 54,721                     |
| 4704701407 | 047         | 1407          |                           |                           |                           | abandoned we              | 8,117                     | 3,290                     | 8,460                      | 7,171                     | 7,838                     | 5,380                      | 6,230                      | 46,486                     |
| 4704701434 | 047         | 1434          |                           |                           | 23,712                    | 23,712                    |                           | 22,507                    | 29,619                     | 33,379                    | 35,860                    | 32,156                     | 21,477                     | 222,422                    |
| 4704701440 | 047         | 1440          |                           |                           | 10,142                    |                           | 7,173                     | 7,318                     | 6,508                      | 5,965                     | 6,216                     | 5,481                      | 3,204                      | 52,007                     |
| 4704701441 | 047         | 1441          |                           |                           | 7,639                     | 7,716                     | 5,396                     | 9,155                     | 7,858                      | 6,982                     | 7,127                     | 6,916                      | 5,428                      | 64,217                     |
| 4704701461 | 047         | 1461          |                           |                           | 17                        | 6,086                     | 5,981                     | 6,191                     | 1,869                      | 4,433                     | 7,864                     | 7,362                      | 7,317                      | 47,120                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 40-84 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                                              | Comments                                      |
|------------|-------------|---------------|--------------|-------------------------------------------------------------------|-----------------------------------------------|
| 4704701161 | 047         | 1161          | Bradshaw CBM | FireCk, Poca 8,6,4,3                                              | CBM produced thru tbg;Ber,BLime thru 4.5 inch |
| 4704701187 | 047         | 1187          | Welch        | Poca 3                                                            |                                               |
| 4704701262 | 047         | 1262          | Welch        | Poca 3                                                            | plugged 03/07/2001                            |
| 4704701265 | 047         | 1265          | Welch        | Poca 4                                                            |                                               |
| 4704701279 | 047         | 1279          | Bradshaw CBM | Poca 4,3,2,1                                                      |                                               |
| 4704701280 | 047         | 1280          | Bradshaw CBM | Beck, FireCk, Poca 3                                              |                                               |
| 4704701281 | 047         | 1281          | Bradshaw CBM | Beck, Poca 5                                                      |                                               |
| 4704701282 | 047         | 1282          | Bradshaw CBM | Beck, FireCk, Poca 4                                              |                                               |
| 4704701283 | 047         | 1283          | Welch        | Poca 3                                                            |                                               |
| 4704701284 | 047         | 1284          | Welch        | Poca 3                                                            |                                               |
| 4704701289 | 047         | 1289          | Welch        | Poca 3                                                            |                                               |
| 4704701306 | 047         | 1306          | Bradshaw CBM | Beck, FireCk, LitFireCk, Poca 6,4,3                               |                                               |
| 4704701307 | 047         | 1307          | Bradshaw CBM | Beck, FireCk, Poca 9,7,5,4,3,2,1                                  |                                               |
| 4704701308 | 047         | 1308          | Bradshaw CBM | Beck, FireCk, LitFireCk, Poca 9,7,5,4,3,2,1                       |                                               |
| 4704701309 | 047         | 1309          | Bradshaw CBM | Beck, FireCk, Poca 6,4,3,2,1                                      |                                               |
| 4704701310 | 047         | 1310          | Bradshaw CBM | Beck, FireCk, Poca 5,3,2,1                                        |                                               |
| 4704701314 | 047         | 1314          | Bradshaw CBM | Beck, FireCk, Poca 9,7,5,4,3,2,1                                  |                                               |
| 4704701315 | 047         | 1315          | Bradshaw CBM | Beck, FireCk, Poca 9,6,5,4,3,2,1                                  |                                               |
| 4704701316 | 047         | 1316          | Bradshaw CBM | Beck, FireCk, Poca 9,7,5                                          |                                               |
| 4704701317 | 047         | 1317          |              | Beck, Poca 9,6,3                                                  | 11 months production 1998                     |
| 4704701318 | 047         | 1318          | Bradshaw CBM | Beck, FireCk, LitFireCk, Poca 5,3,1                               | 5 months production 2006                      |
| 4704701325 | 047         | 1325          | Welch        | Poca 3                                                            |                                               |
| 4704701333 | 047         | 1333          | Welch        | Poca 3                                                            |                                               |
| 4704701337 | 047         | 1337          | Bradshaw CBM | FireCk, Poca 9,8,7,6Rdr,6,5,5Lwr,4,3                              | 3 months production 2006                      |
| 4704701338 | 047         | 1338          | Bradshaw CBM | FireCk, Poca 9,8,6Rdr,6,5Rdr                                      |                                               |
| 4704701339 | 047         | 1339          | Bradshaw CBM | FireCk, Poca 9,8,6Rdr,6,5Rdr,5,4                                  |                                               |
| 4704701340 | 047         | 1340          | Bradshaw CBM | Beck, FireCk, Poca 7,6Rdr,6,5                                     |                                               |
| 4704701341 | 047         | 1341          | Bradshaw CBM | Beck, FireCk, Poca 6Rdr,6,5                                       |                                               |
| 4704701342 | 047         | 1342          | Bradshaw CBM | Beck, FireCk, Poca 9,7,5,4,3,1                                    |                                               |
| 4704701346 | 047         | 1346          | Bradshaw CBM | Beck, FireCk, Poca 9,7,6,5,4,3,1                                  |                                               |
| 4704701348 | 047         | 1348          | Bradshaw CBM | Beck, FireCk, Poca 5,3,2                                          |                                               |
| 4704701349 | 047         | 1349          | Bradshaw CBM | Beck, FireCk, Poca 5,3,2,1                                        |                                               |
| 4704701359 | 047         | 1359          | Bradshaw CBM | Beck, FireCk, Poca 8,6,6Rdr,3                                     | 1 month production 2004                       |
| 4704701360 | 047         | 1360          | Bradshaw CBM | Beck, FireCk, Poca 9,8,6,3,1                                      |                                               |
| 4704701361 | 047         | 1361          | Bradshaw CBM | Beck, FireCk, Poca 8,4,3,2,1, SqrJim                              |                                               |
| 4704701362 | 047         | 1362          | Bradshaw CBM | Beck, Poca 8,6, SqrJim                                            |                                               |
| 4704701368 | 047         | 1368          | Bradshaw CBM | Beck, FireCk, LitFireCk                                           | Poca coals frac abandoned due to high psi     |
| 4704701369 | 047         | 1369          | Bradshaw CBM | Beck, FireCk, Poca 9,5,4,3,2,1                                    |                                               |
| 4704701388 | 047         | 1388          | Bradshaw CBM | Beck, FireCk, Poca 5,3,2,1                                        |                                               |
| 4704701406 | 047         | 1406          | Bradshaw CBM | Beck, FireCk, Poca 6,4,3,2,1, SqrJim                              |                                               |
| 4704701407 | 047         | 1407          | Bradshaw CBM | Welch,LitRal,Beck,FireCk,LwrFireCk,Poca 9,Poca 8, Poca 4, Poca 3, |                                               |
| 4704701434 | 047         | 1434          | Bradshaw CBM | FireCk, Poca 9,8,7,6,5,4,3,2,1,SqrJim                             |                                               |
| 4704701440 | 047         | 1440          | Bradshaw CBM | Beck, FireCk, Poca 7,5,4,3,1, SqrJim                              |                                               |
| 4704701441 | 047         | 1441          | Bradshaw CBM | Beck, Poca 8,6, SqrJim                                            |                                               |
| 4704701461 | 047         | 1461          | Bradshaw CBM | Beck, FireCk, Poca 6,4,3,SqrJim                                   |                                               |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 85-130 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator | Subsequent Operator     | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------|-------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704701465 | 047         | 1465          | EREX     | Equitable Production Co | 12/19/2000      | 372000            | 815000             | 1.52        | 1.24       | 424160.2             | 4129886.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701466 | 047         | 1466          | EREX     | Equitable Production Co | 10/24/2000      | 372000            | 815000             | 1.20        | 0.57       | 425247.7             | 4130039.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701468 | 047         | 1468          | EREX     | Equitable Production Co | 12/20/2000      | 372230            | 814500             | 2.62        | 0.71       | 432429.3             | 4132320.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701471 | 047         | 1471          | EREX     | Equitable Production Co | 10/12/2001      | 372000            | 815000             | 0.94        | 0.06       | 426064.1             | 4130463.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701542 | 047         | 1542          | Geomet   |                         | 8/27/2002       | 372000            | 814230             | 2.58        | 1.92       | 434140.5             | 4127746.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701543 | 047         | 1543          | Geomet   |                         | 8/26/2003       | 372000            | 814230             | 2.84        | 1.51       | 434777.8             | 4127340.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701544 | 047         | 1544          | Geomet   |                         | 8/20/2002       | 371730            | 814230             | 0.39        | 1.73       | 434403.3             | 4126664.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701545 | 047         | 1545          | Geomet   |                         | 8/6/2002        | 371730            | 814230             | 0.14        | 2.21       | 433667.2             | 4127071.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701546 | 047         | 1546          | Geomet   |                         | 8/21/2003       | 371730            | 814230             | 0.05        | 1.82       | 434320.5             | 4131812.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701555 | 047         | 1555          | Geomet   |                         | 11/27/2001      | 372000            | 814730             | 2.58        | 0.96       | 428281.0             | 4127794.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701556 | 047         | 1556          | Geomet   |                         |                 | 372000            | 814730             | 2.42        | 0.41       | 429169.9             | 4128063.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701557 | 047         | 1557          | Geomet   |                         |                 | 372000            | 814730             | 2.68        | 0.59       | 428895.1             | 4127634.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701558 | 047         | 1558          | Geomet   |                         |                 | 371730            | 814730             | 0.08        | 0.83       | 428497.8             | 4127206.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701559 | 047         | 1559          | Geomet   |                         |                 | 371730            | 814730             | 0.01        | 0.33       | 429286.5             | 4127292.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701561 | 047         | 1561          | EREX     | Equitable Production Co | 10/29/2001      | 372000            | 814730             | 0.13        | 1.64       | 427232.0             | 4131747.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701562 | 047         | 1562          | EREX     | Equitable Production Co | 11/14/2001      | 372000            | 814730             | 0.01        | 1.99       | 426667.9             | 4131937.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701579 | 047         | 1579          | Geomet   |                         | 12/18/2001      | 373000            | 814500             | 2.74        | 2.00       | 430467.8             | 4146234.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701580 | 047         | 1580          | Geomet   |                         | 1/9/2002        | 372730            | 814500             | 0.34        | 1.69       | 430960.7             | 4145470.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701581 | 047         | 1581          | Geomet   |                         | 1/6/2002        | 372730            | 814500             | 0.51        | 1.99       | 430475.7             | 4145200.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701582 | 047         | 1582          | Geomet   |                         | 1/4/2002        | 373730            | 814730             | 0.06        | 0.03       | 429950.6             | 4145929.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701583 | 047         | 1583          | Geomet   |                         | 12/1/2001       | 372730            | 814500             | 0.17        | 1.96       | 430528.3             | 4145747.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701593 | 047         | 1593          | EREX     | Equitable Production Co | 7/5/2002        | 372230            | 815000             | 2.50        | 1.00       | 424572.2             | 4132584.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701595 | 047         | 1595          | EREX     | Equitable Production Co | 6/10/2002       | 372230            | 815000             | 2.85        | 1.01       | 424551.0             | 4132020.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701597 | 047         | 1597          | EREX     | Equitable Production Co | 11/19/2002      | 372000            | 815000             | 0.34        | 1.44       | 423857.5             | 4131438.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701599 | 047         | 1599          | EREX     | Equitable Production Co | 6/28/2002       | 372000            | 815000             | 0.69        | 1.18       | 424270.9             | 4130880.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701616 | 047         | 1616          | Geomet   |                         | 9/17/2002       | 371730            | 814730             | 0.31        | 1.14       | 428001.7             | 4126841.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701617 | 047         | 1617          | Geomet   |                         | 9/10/2002       | 371730            | 814730             | 0.18        | 0.54       | 428963.9             | 4127048.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701618 | 047         | 1618          | Geomet   |                         | 9/12/2002       | 372000            | 814730             | 2.83        | 1.46       | 427489.8             | 4127400.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701619 | 047         | 1619          | Geomet   |                         | 9/19/2002       | 372000            | 814730             | 2.52        | 1.28       | 427764.5             | 4127890.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701620 | 047         | 1620          | Geomet   |                         | 10/3/2002       | 372000            | 814730             | 2.16        | 1.30       | 427745.2             | 4128476.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701621 | 047         | 1621          | Geomet   |                         | 10/5/2002       | 372000            | 814730             | 2.18        | 0.96       | 428286.6             | 4128441.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701622 | 047         | 1622          | Geomet   |                         | 9/4/2002        | 372000            | 814730             | 1.89        | 0.69       | 428733.4             | 4128899.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701623 | 047         | 1623          | Geomet   |                         | 9/6/2002        | 372000            | 814730             | 2.01        | 0.27       | 429396.5             | 4128708.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701624 | 047         | 1624          | Geomet   |                         | 9/19/2002       | 372000            | 814730             | 1.82        | 1.21       | 427897.4             | 4129029.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701625 | 047         | 1625          | Geomet   |                         | 10/4/2002       | 372000            | 814730             | 1.59        | 0.79       | 428565.2             | 4129394.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701626 | 047         | 1626          | Geomet   |                         | 9/23/2002       | 372000            | 814730             | 1.46        | 0.06       | 429748.8             | 4129599.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701627 | 047         | 1627          | Geomet   |                         | 10/7/2002       | 372000            | 814500             | 1.65        | 2.14       | 430091.0             | 4129288.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701628 | 047         | 1628          | Geomet   |                         | 9/25/2002       | 372000            | 814730             | 1.33        | 1.05       | 428150.4             | 4129829.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701629 | 047         | 1629          | Geomet   |                         | 10/14/2002      | 372000            | 814730             | 1.06        | 0.04       | 429778.6             | 4130246.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701630 | 047         | 1630          | Geomet   |                         | 10/8/2002       | 372000            | 814500             | 1.37        | 2.01       | 430306.0             | 4129731.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701649 | 047         | 1649          | Geomet   |                         | 10/8/2002       | 372500            | 814230             | 1.12        | 0.04       | 437240.9             | 4139324.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701650 | 047         | 1650          | Geomet   |                         | 10/15/2002      | 372730            | 814500             | 1.46        | 0.84       | 432297.9             | 4143438.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701653 | 047         | 1653          | CDX Gas  |                         | 12/15/2002      | 373230            | 813730             | 2.56        | 1.72       | 441987.7             | 4150839.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701654 | 047         | 1654          | CDX Gas  |                         | 10/10/2002      | 373230            | 813730             | 2.51        | 1.72       | 441988.3             | 4150920.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701655 | 047         | 1655          | CDX Gas  |                         | 12/15/2002      | 373230            | 813730             | 2.59        | 1.68       | 442051.8             | 4150790.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701656 | 047         | 1656          | CDX Gas  |                         | 11/18/2002      | 373230            | 813730             | 2.60        | 1.76       | 441922.8             | 4150775.7             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 85-130 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704701465 | 047         | 1465          |                           |                           |                           |                           | 37,113                    | 41,647                    | 39,648                    | 35,568                    | 38,687                    | 55,561                    | 53,783                    | 302,007                    |
| 4704701466 | 047         | 1466          |                           |                           |                           |                           | 10,181                    | 9,017                     | 24,520                    | 33,554                    | 43,792                    | 49,769                    | 48,334                    | 219,167                    |
| 4704701468 | 047         | 1468          |                           |                           | 3,003                     | 3,842                     | 4,407                     | 3,082                     | 2,681                     | 2,495                     | 1,739                     | 1,472                     | 3,162                     | 25,883                     |
| 4704701471 | 047         | 1471          |                           |                           |                           | 6,823                     | 10,208                    | 13,024                    | 17,917                    | 17,424                    | 21,032                    | 22,599                    | 19,238                    | 128,265                    |
| 4704701542 | 047         | 1542          |                           |                           |                           |                           | 5,049                     | 25,520                    | 35,160                    | 35,855                    | 35,909                    | 38,416                    | 41,190                    | 217,099                    |
| 4704701543 | 047         | 1543          |                           |                           |                           |                           | 6,065                     | 13,702                    | 14,642                    | 12,876                    | 14,794                    | 19,939                    | 27,083                    | 109,101                    |
| 4704701544 | 047         | 1544          |                           |                           |                           |                           | 11,440                    | 27,535                    | 24,294                    | 25,631                    | 31,213                    | 40,536                    | 40,179                    | 200,828                    |
| 4704701545 | 047         | 1545          |                           |                           |                           |                           | 4,693                     | 11,934                    | 15,165                    | 22,562                    | 32,073                    | 38,238                    | 40,582                    | 165,247                    |
| 4704701546 | 047         | 1546          |                           |                           |                           |                           | 9,100                     | 19,122                    | 22,800                    | 24,574                    | 28,843                    | 32,604                    | 34,496                    | 171,539                    |
| 4704701555 | 047         | 1555          |                           |                           |                           |                           | 78,005                    | 75,457                    | 60,660                    | 50,551                    | 41,555                    | 35,291                    | 29,814                    | 371,333                    |
| 4704701556 | 047         | 1556          |                           |                           |                           |                           | 21,032                    | 14,017                    | 16,781                    | 19,104                    | 18,965                    | 19,384                    | 19,757                    | 129,040                    |
| 4704701557 | 047         | 1557          |                           |                           |                           |                           | 31,065                    | 39,203                    | 48,115                    | 42,147                    | 36,424                    | 32,712                    | 29,227                    | 258,893                    |
| 4704701558 | 047         | 1558          |                           |                           |                           |                           | 22,153                    | 26,920                    | 33,865                    | 37,910                    | 32,455                    | 27,714                    | 25,447                    | 206,464                    |
| 4704701559 | 047         | 1559          |                           |                           |                           |                           | 26,876                    | 26,864                    | 30,838                    | 35,343                    | 33,731                    | 32,572                    | 31,154                    | 217,378                    |
| 4704701561 | 047         | 1561          |                           |                           |                           | 14                        | abandoned well            | 0                         | 0                         | abandoned/ordered         | abandoned/ordered         | abandoned/ordered         | plugged                   | 14                         |
| 4704701562 | 047         | 1562          |                           |                           |                           | abandoned we              | 210                       | 1,827                     | 780                       | 712                       | 1,355                     | 3,044                     | 2,542                     | 10,470                     |
| 4704701579 | 047         | 1579          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            |                            |
| 4704701580 | 047         | 1580          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            |                            |
| 4704701581 | 047         | 1581          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            |                            |
| 4704701582 | 047         | 1582          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            |                            |
| 4704701583 | 047         | 1583          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            |                            |
| 4704701593 | 047         | 1593          |                           |                           |                           |                           | 4,627                     | 4,310                     | 4,889                     | 5,221                     | 4,642                     | 1,132                     | 114                       | 24,935                     |
| 4704701595 | 047         | 1595          |                           |                           |                           |                           | 3,659                     | 4,629                     | 5,736                     | 5,042                     | 3,249                     | 1,335                     | 1,326                     | 24,976                     |
| 4704701597 | 047         | 1597          |                           |                           |                           |                           | 5,694                     | 4,643                     | 5,080                     | 4,640                     | 5,939                     | 5,759                     | 7,982                     | 39,737                     |
| 4704701599 | 047         | 1599          |                           |                           |                           |                           | 7,402                     | 14,088                    | 19,933                    | 15,239                    | 16,351                    | 14,578                    | 6,442                     | 94,033                     |
| 4704701616 | 047         | 1616          |                           |                           |                           |                           | 20,339                    | 26,383                    | 34,913                    | 38,213                    | 38,724                    | 40,499                    | 35,175                    | 234,246                    |
| 4704701617 | 047         | 1617          |                           |                           |                           |                           | 43,775                    | 43,343                    | 37,107                    | 35,670                    | 34,928                    | 29,240                    | 25,086                    | 249,149                    |
| 4704701618 | 047         | 1618          |                           |                           |                           |                           | 115,488                   | 109,451                   | 91,239                    | 78,804                    | 63,296                    | 58,465                    | 53,152                    | 569,895                    |
| 4704701619 | 047         | 1619          |                           |                           |                           |                           | 70,413                    | 81,655                    | 86,373                    | 75,270                    | 65,185                    | 58,375                    | 52,640                    | 489,911                    |
| 4704701620 | 047         | 1620          |                           |                           |                           |                           | 31,352                    | 39,073                    | 50,454                    | 51,262                    | 51,055                    | 45,063                    | 39,917                    | 308,176                    |
| 4704701621 | 047         | 1621          |                           |                           |                           |                           | 74,616                    | 62,248                    | 59,215                    | 55,667                    | 56,176                    | 56,012                    | 52,442                    | 416,376                    |
| 4704701622 | 047         | 1622          |                           |                           |                           |                           | 25,001                    | 31,953                    | 25,446                    | 25,419                    | 33,160                    | 39,941                    | 42,585                    | 223,505                    |
| 4704701623 | 047         | 1623          |                           |                           |                           |                           | 19,452                    | 26,706                    | 32,120                    | 34,432                    | 39,901                    | 44,650                    | 45,310                    | 242,571                    |
| 4704701624 | 047         | 1624          |                           |                           |                           |                           | 31,257                    | 35,913                    | 50,779                    | 60,836                    | 55,289                    | 53,606                    | 47,725                    | 335,405                    |
| 4704701625 | 047         | 1625          |                           |                           |                           |                           | 16,685                    | 23,477                    | 29,624                    | 28,808                    | 30,576                    | 33,870                    | 33,051                    | 196,091                    |
| 4704701626 | 047         | 1626          |                           |                           |                           |                           | 18,018                    | 18,756                    | 21,854                    | 24,222                    | 27,280                    | 30,732                    | 28,886                    | 169,748                    |
| 4704701627 | 047         | 1627          |                           |                           |                           |                           | 12,655                    | 14,723                    | 13,185                    | 14,833                    | 18,106                    | 21,232                    | 20,738                    | 115,472                    |
| 4704701628 | 047         | 1628          |                           |                           |                           |                           | 24,786                    | 20,673                    | 26,173                    | 32,527                    | 37,706                    | 41,134                    | 39,888                    | 222,887                    |
| 4704701629 | 047         | 1629          |                           |                           |                           |                           | 4,629                     | 7,844                     | 8,608                     | 9,681                     | 10,855                    | 13,852                    | 16,328                    | 71,797                     |
| 4704701630 | 047         | 1630          |                           |                           |                           |                           | 13,320                    | 19,480                    | 22,734                    | 20,699                    | 19,590                    | 18,831                    | 19,151                    | 133,805                    |
| 4704701649 | 047         | 1649          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4704701650 | 047         | 1650          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4704701653 | 047         | 1653          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4704701654 | 047         | 1654          |                           |                           |                           | 98,962                    | 203,118                   | 78,502                    | 64,001                    | 33,985                    | 18,370                    | 15,537                    | 8,058                     | 520,533                    |
| 4704701655 | 047         | 1655          |                           |                           |                           | 4,070                     | 314,130                   | 133,081                   | 102,678                   | 80,218                    | 65,821                    | 54,078                    | 31,505                    | 785,581                    |
| 4704701656 | 047         | 1656          |                           |                           |                           | 11,847                    | 115,862                   | 59,118                    | 44,530                    | 33,132                    | 34,472                    | 34,710                    | 25,606                    | 359,277                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 85-130 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                                              | Comments                                                             |
|------------|-------------|---------------|--------------|-------------------------------------------------------------------|----------------------------------------------------------------------|
| 4704701465 | 047         | 1465          | Bradshaw CBM | FireCk, LwrFireCk, Poca 9,8,7,6,5,4,3                             |                                                                      |
| 4704701466 | 047         | 1466          | Bradshaw CBM | LwrFireCk, Poca 9,8,7,6,5,4,3,2, SqrJim                           |                                                                      |
| 4704701468 | 047         | 1468          | Bradshaw CBM | Poca 9,8,5,3                                                      |                                                                      |
| 4704701471 | 047         | 1471          | Bradshaw CBM | FireCk, Poca 9,8,7,6,5,4,3,2,1,SqrJim                             |                                                                      |
| 4704701542 | 047         | 1542          | Bradshaw CBM | 8 coals                                                           | 5 months production 2003                                             |
| 4704701543 | 047         | 1543          | Bradshaw CBM | 6 coals                                                           | 5 months production 2003                                             |
| 4704701544 | 047         | 1544          | Bradshaw CBM | 7 coals                                                           | 5 months production 2003                                             |
| 4704701545 | 047         | 1545          | Bradshaw CBM | 8 coals                                                           | 6 months production 2003                                             |
| 4704701546 | 047         | 1546          | Bradshaw CBM | 6 coals                                                           | 5 months production 2003; frac permitted 12/03/2004                  |
| 4704701555 | 047         | 1555          | Bradshaw CBM | 7 coals                                                           |                                                                      |
| 4704701556 | 047         | 1556          | Bradshaw CBM | 5 coals fracd 03/03/2005                                          | frac permitted 12/30/2004                                            |
| 4704701557 | 047         | 1557          | Bradshaw CBM | no record                                                         |                                                                      |
| 4704701558 | 047         | 1558          | Bradshaw CBM | no record                                                         | frac permitted 12/30/2004                                            |
| 4704701559 | 047         | 1559          | Bradshaw CBM | no record                                                         |                                                                      |
| 4704701561 | 047         | 1561          | Bradshaw CBM | SewellA, SewellB, Welch, LitRal, Beck,FireCk, Poca 6, Poca 3, Sqr |                                                                      |
| 4704701562 | 047         | 1562          | Bradshaw CBM | SewellA, SewellB, Welch, LitRal, Beck,FireCk, Poca 8, Poca 6, Poc | workover permitted 09/19/2003; workover cancelled 06/30/2006; 4 mont |
| 4704701579 | 047         | 1579          |              | Beck, FireCk, Poca 3,2,1                                          |                                                                      |
| 4704701580 | 047         | 1580          |              | Beck, FireCk, LitRal                                              |                                                                      |
| 4704701581 | 047         | 1581          |              | Welch, Beck, FireCk                                               |                                                                      |
| 4704701582 | 047         | 1582          |              | Beck, FireCk, Poca 3,1                                            |                                                                      |
| 4704701583 | 047         | 1583          |              | Beck, FireCk, Poca 3,1                                            |                                                                      |
| 4704701593 | 047         | 1593          | Bradshaw CBM | Beck, FireCk, LwrFireCk, Poca 9,4,3,2,1                           | 9 months production 2003                                             |
| 4704701595 | 047         | 1595          | Bradshaw CBM | Beck, FireCk, LwrFireCk, Poca 6,5,4,3,2,1, SqrJim                 | 9 months production 2003                                             |
| 4704701597 | 047         | 1597          | Bradshaw CBM | Beck,FireCk,LwrFireCk,Poca 7,6,4,3,1, SqrJim                      |                                                                      |
| 4704701599 | 047         | 1599          | Bradshaw CBM | FireCk, LwrFireCk, Poca 9,8,7,6,5,4,3,2,1, SqrJim                 |                                                                      |
| 4704701616 | 047         | 1616          | Bradshaw CBM | 12 coals                                                          |                                                                      |
| 4704701617 | 047         | 1617          | Bradshaw CBM | 13 coals                                                          |                                                                      |
| 4704701618 | 047         | 1618          | Bradshaw CBM | 12 coals                                                          |                                                                      |
| 4704701619 | 047         | 1619          | Bradshaw CBM | 10 coals                                                          |                                                                      |
| 4704701620 | 047         | 1620          | Bradshaw CBM | 10 coals                                                          | frac plat 07/21/2006                                                 |
| 4704701621 | 047         | 1621          | Bradshaw CBM | 10 coals                                                          | frac plat 07/21/2006                                                 |
| 4704701622 | 047         | 1622          | Bradshaw CBM | 9 coals                                                           |                                                                      |
| 4704701623 | 047         | 1623          | Bradshaw CBM | 8 coals                                                           | no record; record in 07/07/2006 batch                                |
| 4704701624 | 047         | 1624          | Bradshaw CBM | 10 coals                                                          |                                                                      |
| 4704701625 | 047         | 1625          | Bradshaw CBM | 8 coals                                                           |                                                                      |
| 4704701626 | 047         | 1626          | Bradshaw CBM | 11 coals                                                          |                                                                      |
| 4704701627 | 047         | 1627          | Bradshaw CBM | 10 coals                                                          |                                                                      |
| 4704701628 | 047         | 1628          | Bradshaw CBM | 9 coals                                                           |                                                                      |
| 4704701629 | 047         | 1629          | Bradshaw CBM | 7 coals                                                           |                                                                      |
| 4704701630 | 047         | 1630          | Bradshaw CBM | 3 coals                                                           |                                                                      |
| 4704701649 | 047         | 1649          | Big Creek    | 5 coals                                                           |                                                                      |
| 4704701650 | 047         | 1650          | Big Sandy    | 6 coals                                                           | frac permitted 11/07/2003                                            |
| 4704701653 | 047         | 1653          | Baileysville | non-producer                                                      |                                                                      |
| 4704701654 | 047         | 1654          | Baileysville | Poca 4                                                            | 11 months production 2007                                            |
| 4704701655 | 047         | 1655          | Baileysville | Poca 3                                                            |                                                                      |
| 4704701656 | 047         | 1656          | Baileysville | Poca 4,3                                                          |                                                                      |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 131-176 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704701661 | 047         | 1661          | Geomet   |                     | 10/9/2002       | 372000            | 814730             | 0.67        | 0.10       | 429697.0             | 4130963.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701662 | 047         | 1662          | Geomet   |                     | 10/21/2002      | 372000            | 814500             | 0.99        | 2.00       | 430327.2             | 4130343.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701663 | 047         | 1663          | Geomet   |                     | 10/24/2002      | 372000            | 814500             | 0.54        | 2.10       | 430172.3             | 4131068.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701664 | 047         | 1664          | Geomet   |                     | 10/24/2002      | 372000            | 814500             | 0.22        | 1.98       | 430369.7             | 4131582.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701665 | 047         | 1665          | Geomet   |                     | 10/22/2002      | 372000            | 814500             | 0.02        | 1.75       | 430742.4             | 4131901.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701670 | 047         | 1670          | Geomet   |                     | 10/16/2002      | 372000            | 814730             | 0.82        | 0.83       | 428527.0             | 4130626.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701671 | 047         | 1671          | Geomet   |                     | 10/18/2002      | 372000            | 814730             | 0.75        | 0.48       | 429084.5             | 4130739.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701672 | 047         | 1672          | Geomet   |                     | 9/13/2002       | 372000            | 814730             | 0.49        | 0.60       | 428900.6             | 4131147.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701673 | 047         | 1673          | Geomet   |                     | 10/15/2002      | 372000            | 814730             | 0.36        | 0.16       | 429616.2             | 4131358.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701674 | 047         | 1674          | Geomet   |                     | 10/22/2002      | 372000            | 814500             | 0.42        | 1.71       | 430801.5             | 4131256.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701675 | 047         | 1675          | Geomet   |                     | 10/25/2002      | 372000            | 814500             | 0.06        | 2.28       | 429889.2             | 4131844.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701676 | 047         | 1676          | Geomet   |                     | 10/30/2002      | 372000            | 814500             | 0.58        | 1.43       | 431249.9             | 4130995.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701677 | 047         | 1677          | Geomet   |                     | 10/8/2002       | 372230            | 814500             | 2.66        | 2.17       | 430069.8             | 4132278.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701679 | 047         | 1679          | CDX Gas  |                     | 8/7/2003        | 373000            | 813500             | 0.97        | 0.71       | 447273.5             | 4148732.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701680 | 047         | 1680          | CDX Gas  |                     | 7/22/2003       | 373000            | 813500             | 0.98        | 0.71       | 447273.5             | 4148732.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701681 | 047         | 1681          | CDX Gas  |                     | 8/7/2003        | 373000            | 813500             | 0.98        | 0.71       | 447273.5             | 4148732.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701682 | 047         | 1682          | CDX Gas  |                     | 1/22/2004       | 373000            | 813500             | 1.61        | 1.89       | 445381.5             | 4147723.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701683 | 047         | 1683          | CDX Gas  |                     | 12/9/2003       | 373000            | 813500             | 1.62        | 1.91       | 445349.3             | 4147707.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701684 | 047         | 1684          | CDX Gas  |                     | 1/21/2004       | 373000            | 813500             | 1.61        | 1.91       | 445349.4             | 4147723.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701686 | 047         | 1686          | CDX Gas  |                     | 7/1/2003        | 373000            | 813500             | 0.46        | 1.39       | 446197.7             | 4149570.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701687 | 047         | 1687          | CDX Gas  |                     | 7/1/2003        | 373000            | 813500             | 0.47        | 1.40       | 446181.6             | 4149554.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701688 | 047         | 1688          | CDX Gas  |                     | 7/1/2003        | 373000            | 813500             | 0.48        | 1.40       | 446181.4             | 4149538.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701697 | 047         | 1697          | Geomet   |                     | 1/12/2003       | 371730            | 814730             | 0.50        | 1.43       | 427519.3             | 4126533.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701698 | 047         | 1698          | Geomet   |                     | 12/8/2003       | 372000            | 814500             | 1.42        | 1.70       | 430804.2             | 4129646.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701699 | 047         | 1699          | Geomet   |                     | 1/11/2003       | 372000            | 814500             | 0.99        | 1.71       | 430793.9             | 4130339.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701700 | 047         | 1700          | Geomet   |                     | 12/9/2002       | 372000            | 814500             | 1.04        | 1.25       | 431533.4             | 4130252.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701701 | 047         | 1701          | Geomet   |                     | 11/14/2002      | 372000            | 814730             | 0.45        | 0.88       | 428445.0             | 4131228.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701702 | 047         | 1702          | Geomet   |                     | 11/5/2002       | 372000            | 814500             | 0.40        | 1.42       | 431268.3             | 4131285.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701703 | 047         | 1703          | Geomet   |                     | 1/22/2003       | 372000            | 814730             | 0.16        | 0.80       | 428577.7             | 4131694.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701704 | 047         | 1704          | Geomet   |                     | 10/26/2002      | 372000            | 814730             | 0.09        | 0.48       | 429093.5             | 4131802.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701705 | 047         | 1705          | Geomet   |                     | 4/10/2003       | 372230            | 814730             | 2.40        | 0.32       | 429358.5             | 4132703.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701706 | 047         | 1706          | Geomet   |                     | 3/24/2003       | 372230            | 814730             | 2.09        | 0.51       | 429057.1             | 4133205.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701713 | 047         | 1713          | Geomet   |                     | 3/23/2003       | 372230            | 814730             | 2.41        | 0.72       | 428716.7             | 4132690.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701715 | 047         | 1715          | Geomet   |                     | 2/12/2003       | 372230            | 814730             | 2.18        | 0.12       | 429679.4             | 4133052.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701716 | 047         | 1716          | Geomet   |                     | 3/22/2003       | 372230            | 814500             | 2.33        | 2.17       | 430071.1             | 4132802.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701717 | 047         | 1717          | Geomet   |                     | 1/26/2003       | 372230            | 814730             | 2.67        | 0.43       | 429180.5             | 4132254.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701727 | 047         | 1727          | Geomet   |                     | 4/16/2003       | 372000            | 814500             | 1.42        | 1.33       | 431398.6             | 4129647.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701748 | 047         | 1748          | Geomet   |                     | 4/25/2003       | 372000            | 814500             | 1.34        | 0.93       | 432039.6             | 4129765.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701749 | 047         | 1749          | Geomet   |                     | 4/24/2003       | 372000            | 814500             | 1.39        | 0.64       | 432506.6             | 4129669.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701750 | 047         | 1750          | Geomet   |                     | 5/22/2003       | 372000            | 814500             | 2.35        | 1.14       | 431706.3             | 4128135.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701757 | 047         | 1757          | Geomet   |                     | 5/15/2003       | 371730            | 814500             | 0.38        | 2.18       | 430020.1             | 4126700.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701758 | 047         | 1758          | Geomet   |                     | 5/6/2003        | 371730            | 814500             | 0.42        | 1.81       | 430610.5             | 4126634.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701759 | 047         | 1759          | Geomet   |                     | 5/16/2003       | 371730            | 814500             | 0.39        | 1.42       | 431226.7             | 4126690.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701760 | 047         | 1760          | Geomet   |                     | 7/11/2003       | 371730            | 814500             | 0.34        | 1.20       | 431596.5             | 4126749.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701761 | 047         | 1761          | Geomet   |                     | 7/8/2003        | 371730            | 814500             | 0.37        | 0.87       | 432113.4             | 4126714.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701762 | 047         | 1762          | Geomet   |                     | 7/29/2003       | 371730            | 814500             | 0.23        | 0.45       | 432804.6             | 4126924.3             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 131-176 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704701661 | 047         | 1661          |                           |                           |                           |                           | 10,327                    | 15,148                    | 13,716                    | 15,253                    | 20,015                    | 24,247                    | 24,124                    | 122,830                    |
| 4704701662 | 047         | 1662          |                           |                           |                           |                           | 9,945                     | 13,590                    | 24,994                    | 23,996                    | 23,612                    | 23,422                    | 23,089                    | 142,648                    |
| 4704701663 | 047         | 1663          |                           |                           |                           |                           | 7,597                     | 4,456                     | 8,734                     | 7,654                     | 7,331                     | 7,976                     | 9,404                     | 53,152                     |
| 4704701664 | 047         | 1664          |                           |                           |                           |                           | 210                       | 597                       | 3,972                     | 1,904                     | 3,640                     | 2,591                     | 2,848                     | 15,762                     |
| 4704701665 | 047         | 1665          |                           |                           |                           |                           | 107                       | 335                       | 1,024                     | 1,358                     | 1,579                     | 1,628                     | 1,871                     | 7,902                      |
| 4704701670 | 047         | 1670          |                           |                           |                           |                           | 31,989                    | 33,638                    | 48,363                    | 55,464                    | 58,280                    | 55,146                    | 51,364                    | 334,244                    |
| 4704701671 | 047         | 1671          |                           |                           |                           |                           | 16,420                    | 17,200                    | 17,931                    | 17,002                    | 18,305                    | 18,133                    | 16,600                    | 121,591                    |
| 4704701672 | 047         | 1672          |                           |                           |                           |                           | 9,319                     | 11,902                    | 19,264                    | 28,349                    | 31,362                    | 27,817                    | 23,853                    | 151,866                    |
| 4704701673 | 047         | 1673          |                           |                           |                           |                           | 337                       | 592                       | 2,415                     | 2,881                     | 3,467                     | 4,112                     | 5,252                     | 19,056                     |
| 4704701674 | 047         | 1674          |                           |                           |                           |                           | 13,617                    | 13,016                    | 16,196                    | 14,174                    | 16,836                    | 20,573                    | 22,386                    | 116,798                    |
| 4704701675 | 047         | 1675          |                           |                           |                           |                           | 12,623                    | 15,048                    | 10,502                    | 7,746                     | 6,117                     | 6,267                     | 6,493                     | 64,796                     |
| 4704701676 | 047         | 1676          |                           |                           |                           |                           | 5,927                     | 4,516                     | 6,039                     | 5,487                     | 4,931                     | 5,256                     | 5,678                     | 37,834                     |
| 4704701677 | 047         | 1677          |                           |                           |                           |                           | 956                       | 2,395                     | 5,809                     | 4,409                     | 3,738                     | 3,499                     | 3,427                     | 24,233                     |
| 4704701679 | 047         | 1679          |                           |                           |                           |                           |                           |                           |                           | 18,782                    | not available             | abandoned well            | abandoned well            | 18,782                     |
| 4704701680 | 047         | 1680          |                           |                           |                           |                           | 11,574                    | 188,137                   | 40,017                    | 36,548                    | abandoned well            | abandoned well            | abandoned well            | 276,276                    |
| 4704701681 | 047         | 1681          |                           |                           |                           |                           | 101,010                   | 244,041                   | 65,139                    | 104,502                   | 10,087                    | 0                         | abandoned well            | 524,779                    |
| 4704701682 | 047         | 1682          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4704701683 | 047         | 1683          |                           |                           |                           |                           |                           | 194,391                   | 190,473                   | 104,502                   | 88,367                    | 52,909                    | 12,394                    | 643,036                    |
| 4704701684 | 047         | 1684          |                           |                           |                           |                           |                           | 134,039                   |                           | 67,994                    | 33,838                    | 2,251                     | 38,709                    | 276,831                    |
| 4704701686 | 047         | 1686          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4704701687 | 047         | 1687          |                           |                           |                           |                           | 418,634                   | 299,382                   | 145,510                   | 99,568                    | 87,767                    | 69,403                    | 64,035                    | 1,184,299                  |
| 4704701688 | 047         | 1688          |                           |                           |                           |                           | 358,079                   | 350,485                   | 152,802                   | 109,847                   | 88,636                    | 69,892                    | 55,865                    | 1,185,606                  |
| 4704701697 | 047         | 1697          |                           |                           |                           |                           | 73,942                    | 89,068                    | 69,523                    | 54,791                    | 50,870                    | 50,321                    | 46,413                    | 434,928                    |
| 4704701698 | 047         | 1698          |                           |                           |                           |                           | 14,460                    | 19,088                    | 20,747                    | 20,774                    | 20,433                    | 20,812                    | 20,198                    | 136,512                    |
| 4704701699 | 047         | 1699          |                           |                           |                           |                           | 25,635                    | 29,814                    | 30,832                    | 31,397                    | 30,956                    | 29,844                    | 29,954                    | 208,432                    |
| 4704701700 | 047         | 1700          |                           |                           |                           |                           | 22,177                    | 33,455                    | 40,432                    | 46,716                    | 51,652                    | 54,049                    | 52,387                    | 300,868                    |
| 4704701701 | 047         | 1701          |                           |                           |                           |                           | 10,326                    | 13,103                    | 10,373                    | 10,179                    | 11,178                    | 11,394                    | 12,618                    | 79,171                     |
| 4704701702 | 047         | 1702          |                           |                           |                           |                           | 4,088                     | 830                       | 5,076                     | 4,435                     | 4,461                     | 4,726                     | 5,273                     | 28,889                     |
| 4704701703 | 047         | 1703          |                           |                           |                           |                           | 19,167                    | 21,960                    | 18,036                    | 16,926                    | 17,757                    | 18,736                    | 21,940                    | 134,522                    |
| 4704701704 | 047         | 1704          |                           |                           |                           |                           | 10,680                    | 12,037                    | 14,641                    | 16,862                    | 22,697                    | 29,791                    | 28,361                    | 135,069                    |
| 4704701705 | 047         | 1705          |                           |                           |                           |                           | 2 rec-DEP?                | 3,473                     | 4,246                     | 5,023                     | 5,056                     | 2 records:5031 and 11871  | 5,539                     | 23,337                     |
| 4704701706 | 047         | 1706          |                           |                           |                           |                           |                           | 8,012                     | 6,424                     |                           | 9,627                     | not available             | 10,174                    | 34,237                     |
| 4704701713 | 047         | 1713          |                           |                           |                           |                           | 8,101                     | 8,257                     | 8,207                     | 5,248                     | 4,196                     | 4,904                     | 4,502                     | 43,415                     |
| 4704701715 | 047         | 1715          |                           |                           |                           |                           | 3,086                     | 7,763                     | 5,066                     | 6,799                     | 8,013                     | 8,661                     | 8,537                     | 47,925                     |
| 4704701716 | 047         | 1716          |                           |                           |                           |                           | 7,623                     | 8,965                     | 4,428                     | 3,148                     | 3,127                     | 1,852                     | 257                       | 29,400                     |
| 4704701717 | 047         | 1717          |                           |                           |                           |                           | 2,698                     | 3,810                     | 5,401                     | 3,720                     | 2,775                     | 3,371                     | 3,714                     | 25,489                     |
| 4704701727 | 047         | 1727          |                           |                           |                           |                           | 16,464                    | 22,444                    | 29,241                    | 30,412                    | 30,976                    | 30,302                    | 29,433                    | 189,272                    |
| 4704701748 | 047         | 1748          |                           |                           |                           |                           | 18,681                    | 42,825                    | 40,066                    | 34,371                    | 28,432                    | 21,992                    | 16,069                    | 202,436                    |
| 4704701749 | 047         | 1749          |                           |                           |                           |                           | 20,401                    | 23,051                    | 24,940                    | 22,416                    | 21,857                    | 21,152                    | 19,944                    | 153,761                    |
| 4704701750 | 047         | 1750          |                           |                           |                           |                           | 7,793                     | 19,285                    | 29,696                    | 29,615                    | 27,284                    | 29,167                    | 30,756                    | 173,596                    |
| 4704701757 | 047         | 1757          |                           |                           |                           |                           | 15,142                    | 27,356                    | 29,962                    | 27,396                    | 23,253                    | 21,918                    | 22,831                    | 167,858                    |
| 4704701758 | 047         | 1758          |                           |                           |                           |                           | 11,136                    | 21,539                    | 21,814                    | 20,073                    | 21,303                    | 29,923                    | 33,335                    | 159,123                    |
| 4704701759 | 047         | 1759          |                           |                           |                           |                           | 6,732                     | 12,285                    | 22,377                    | 27,180                    | 31,551                    | 34,695                    | 36,110                    | 170,930                    |
| 4704701760 | 047         | 1760          |                           |                           |                           |                           | 1,454                     | 6,055                     | 13,490                    | 14,307                    | 15,360                    | 17,126                    | 20,095                    | 87,887                     |
| 4704701761 | 047         | 1761          |                           |                           |                           |                           | 9,684                     | 13,078                    | 12,821                    | 11,911                    | 12,862                    | 18,571                    | 23,645                    | 102,572                    |
| 4704701762 | 047         | 1762          |                           |                           |                           |                           | 6,152                     | 9,711                     | 10,922                    | 13,068                    | 16,974                    | 19,526                    | 20,137                    | 96,490                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 131-176 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                           | Comments                                             |
|------------|-------------|---------------|--------------|------------------------------------------------|------------------------------------------------------|
| 4704701661 | 047         | 1661          | Bradshaw CBM | 10 coals                                       | 10 months production 2003                            |
| 4704701662 | 047         | 1662          | Bradshaw CBM | 7 coals                                        | 8 months production 2003                             |
| 4704701663 | 047         | 1663          | Bradshaw CBM | 8 coals                                        | 10 months production 2003                            |
| 4704701664 | 047         | 1664          | Bradshaw CBM | 5 coals                                        |                                                      |
| 4704701665 | 047         | 1665          | Bradshaw CBM | 6 coals                                        |                                                      |
| 4704701670 | 047         | 1670          | Bradshaw CBM | 11 coals                                       |                                                      |
| 4704701671 | 047         | 1671          | Bradshaw CBM | 14 coals                                       |                                                      |
| 4704701672 | 047         | 1672          | Bradshaw CBM | 9 coals                                        |                                                      |
| 4704701673 | 047         | 1673          | Bradshaw CBM | 6 coals                                        | 9 months production 2003                             |
| 4704701674 | 047         | 1674          | Bradshaw CBM | 3 coals                                        | frac permitted 12/30/2004                            |
| 4704701675 | 047         | 1675          | Bradshaw CBM | 5 coals                                        |                                                      |
| 4704701676 | 047         | 1676          | Bradshaw CBM | 6 coals                                        |                                                      |
| 4704701677 | 047         | 1677          | Bradshaw CBM | 8 coals                                        | 7 months production 2003                             |
| 4704701679 | 047         | 1679          | unnamed      | non-producer                                   |                                                      |
| 4704701680 | 047         | 1680          | unnamed      | Poca 3                                         | 5 months production 2003                             |
| 4704701681 | 047         | 1681          | unnamed      | Poca 3                                         | 6 months production 2007                             |
| 4704701682 | 047         | 1682          | unnamed      | non-producer                                   |                                                      |
| 4704701683 | 047         | 1683          | unnamed      | Poca 3                                         | horizontal                                           |
| 4704701684 | 047         | 1684          | unnamed      | Poca 3                                         | horizontal                                           |
| 4704701686 | 047         | 1686          | unnamed      | non-producer                                   | horizontal                                           |
| 4704701687 | 047         | 1687          | Baileysville | Poca 3                                         | horizontal                                           |
| 4704701688 | 047         | 1688          | unnamed      | Poca 3                                         | horizontal                                           |
| 4704701697 | 047         | 1697          | Bradshaw CBM | 7 coals                                        |                                                      |
| 4704701698 | 047         | 1698          | Bradshaw CBM | 7 coals                                        | 9 months production 2003                             |
| 4704701699 | 047         | 1699          | Bradshaw CBM | 6 coals                                        | 8 months production 2003                             |
| 4704701700 | 047         | 1700          | Bradshaw CBM | 9 coals                                        | 9 months production 2003                             |
| 4704701701 | 047         | 1701          | Bradshaw CBM | 11 coals                                       | 9 months production 2003                             |
| 4704701702 | 047         | 1702          | Bradshaw CBM | 6 coals                                        | 10 months production 2003; frac permitted 12/30/2004 |
| 4704701703 | 047         | 1703          | Bradshaw CBM | 9 coals                                        | 9 months production 2003                             |
| 4704701704 | 047         | 1704          | Bradshaw CBM | 11 coals; revised ? Record in 07/07/2006 batch | 9 months production 2003                             |
| 4704701705 | 047         | 1705          | Bradshaw CBM | 7 coals                                        | 2003 prod 7081 or 5339 Mcf                           |
| 4704701706 | 047         | 1706          | Bradshaw CBM | 6 coals                                        |                                                      |
| 4704701713 | 047         | 1713          | Bradshaw CBM | 6 coals                                        |                                                      |
| 4704701715 | 047         | 1715          | Bradshaw CBM | 5 coals                                        | 7 months production 2003                             |
| 4704701716 | 047         | 1716          | Bradshaw CBM | 6 coals                                        | 7 months production 2003                             |
| 4704701717 | 047         | 1717          | Bradshaw CBM | 6 coals                                        | 9 months production 2003; frac permitted 12/30/2004  |
| 4704701727 | 047         | 1727          | Bradshaw CBM | 6 coals                                        | 8 months production 2003                             |
| 4704701748 | 047         | 1748          | Bradshaw CBM | 9 coals                                        | 6 months production 2003                             |
| 4704701749 | 047         | 1749          | Bradshaw CBM | 10 coals                                       | 7 months production 2003                             |
| 4704701750 | 047         | 1750          | Bradshaw CBM | 7 coals                                        | 7 months production 2003                             |
| 4704701757 | 047         | 1757          | Bradshaw CBM | 8 coals                                        | 6 months production 2003                             |
| 4704701758 | 047         | 1758          | Bradshaw CBM | 7 coals                                        | 6 months production 2003                             |
| 4704701759 | 047         | 1759          | Bradshaw CBM | 7 coals                                        | 6 months production 2003                             |
| 4704701760 | 047         | 1760          | Bradshaw CBM | 6 coals                                        | 6 months production 2003                             |
| 4704701761 | 047         | 1761          | Bradshaw CBM | 5 coals                                        | 6 months production 2003                             |
| 4704701762 | 047         | 1762          | Bradshaw CBM | 7 coals                                        | 5 months production 2003                             |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 177-222 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704701764 | 047         | 1764          | Geomet   |                     | 9/18/2003       | 371730            | 814500             | 0.14        | 1.76       | 430686.5             | 4127085.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701765 | 047         | 1765          | Geomet   |                     | 9/11/2003       | 371730            | 814500             | 0.11        | 1.48       | 431137.6             | 4127130.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701766 | 047         | 1766          | Geomet   |                     | 7/10/2003       | 371730            | 814500             | 0.11        | 1.02       | 431878.2             | 4127124.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701767 | 047         | 1767          | Geomet   |                     | 7/16/2003       | 372000            | 814500             | 2.72        | 0.99       | 431929.9             | 4127544.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701768 | 047         | 1768          | Geomet   |                     | 6/30/2003       | 371730            | 814500             | 0.05        | 0.68       | 432426.3             | 4127216.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701770 | 047         | 1770          | Geomet   |                     | 6/18/2003       | 372000            | 814500             | 2.61        | 0.71       | 432382.0             | 4127717.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701771 | 047         | 1771          | Geomet   |                     | 6/19/2003       | 372000            | 814500             | 2.57        | 0.45       | 432801.0             | 4127778.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701775 | 047         | 1775          | Geomet   |                     | 5/16/2003       | 371730            | 814500             | 0.14        | 2.12       | 430107.0             | 4127090.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701776 | 047         | 1776          | Geomet   |                     | 7/23/2003       | 372000            | 814500             | 2.83        | 0.34       | 432974.8             | 4127358.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701777 | 047         | 1777          | Geomet   |                     | 6/4/2003        | 372000            | 814730             | 2.39        | 0.04       | 429770.4             | 4128093.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701778 | 047         | 1778          | Geomet   |                     | 6/11/2003       | 372000            | 814500             | 1.70        | 1.29       | 431460.4             | 4129190.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701779 | 047         | 1779          | Geomet   |                     | 6/12/2003       | 372000            | 814500             | 1.84        | 0.92       | 432054.0             | 4128960.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701780 | 047         | 1780          | Geomet   |                     | 6/25/2003       | 372000            | 814500             | 2.32        | 0.50       | 432723.8             | 4128181.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701781 | 047         | 1781          | Geomet   |                     | 7/22/2003       | 372000            | 814230             | 2.46        | 2.25       | 433598.1             | 4127949.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701782 | 047         | 1782          | Geomet   |                     | 6/6/2003        | 372000            | 814500             | 2.84        | 2.27       | 429867.8             | 4127367.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701783 | 047         | 1783          | Geomet   |                     | 7/15/2003       | 372000            | 814500             | 2.52        | 1.44       | 431208.1             | 4127872.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701784 | 047         | 1784          | Geomet   |                     | 8/5/2003        | 371730            | 814500             | 0.09        | 0.14       | 433292.6             | 4126839.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701785 | 047         | 1785          | Geomet   |                     | 8/12/2003       | 371730            | 814230             | 0.36        | 2.04       | 433926.4             | 4126705.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701786 | 047         | 1786          | Geomet   |                     | 8/7/2003        | 371730            | 814230             | 0.78        | 2.02       | 433953.2             | 4126029.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701804 | 047         | 1804          | Geomet   |                     | 8/13/2003       | 372000            | 814230             | 2.73        | 1.03       | 435558.5             | 4127499.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701805 | 047         | 1805          | Geomet   |                     | 11/6/2003       | 372000            | 814230             | 2.37        | 1.52       | 434774.3             | 4128085.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701806 | 047         | 1806          | Geomet   |                     | 9/20/2003       | 372000            | 814230             | 2.47        | 1.21       | 435272.0             | 4127920.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701807 | 047         | 1807          | Geomet   |                     | 10/7/2003       | 372000            | 814230             | 2.16        | 1.81       | 434310.1             | 4128426.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701808 | 047         | 1808          | Geomet   |                     | 9/25/2003       | 372000            | 814230             | 2.03        | 1.12       | 435422.3             | 4128627.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701809 | 047         | 1809          | Geomet   |                     | 9/4/2003        | 372000            | 814230             | 1.98        | 0.82       | 435905.8             | 4128704.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701811 | 047         | 1811          | CDX Gas  |                     | 9/30/2003       | 373230            | 813730             | 2.14        | 0.44       | 444053.8             | 4151504.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701812 | 047         | 1812          | Geomet   |                     | 10/2/2003       | 372000            | 814230             | 2.02        | 1.47       | 434859.1             | 4128647.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701814 | 047         | 1814          | Geomet   |                     | 9/9/2003        | 372000            | 814230             | 2.35        | 0.94       | 435708.1             | 4128110.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701815 | 047         | 1815          | Geomet   |                     | 9/5/2003        | 372000            | 814230             | 2.35        | 0.57       | 436303.7             | 4128105.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701816 | 047         | 1816          | Geomet   |                     | 9/23/2003       | 372000            | 814230             | 2.04        | 0.39       | 436597.2             | 4128602.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701819 | 047         | 1819          | Geomet   |                     | 10/21/2003      | 371730            | 814730             | 0.34        | 1.76       | 426990.3             | 4126795.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701820 | 047         | 1820          | Geomet   |                     | 10/15/2003      | 372000            | 814730             | 2.75        | 1.77       | 426980.6             | 4127537.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701821 | 047         | 1821          | Geomet   |                     | 10/17/2003      | 372000            | 814730             | 2.38        | 1.63       | 427211.2             | 4128131.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701824 | 047         | 1824          | Geomet   |                     | 9/17/2003       | 371730            | 814500             | 0.03        | 1.27       | 431476.8             | 4127256.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701825 | 047         | 1825          | Geomet   |                     | 9/10/2003       | 372000            | 814500             | 2.49        | 0.93       | 432029.4             | 4127913.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701826 | 047         | 1826          | CDX Gas  |                     | 8/30/2004       | 373000            | 813730             | 0.14        | 0.58       | 443820.4             | 4150101.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701828 | 047         | 1828          | CDX Gas  |                     | 8/30/2004       | 373000            | 813730             | 0.14        | 0.63       | 443740.0             | 4150101.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701830 | 047         | 1830          | Geomet   |                     | 10/27/2003      | 372000            | 814500             | 2.09        | 1.98       | 430344.7             | 4128571.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701831 | 047         | 1831          | Geomet   |                     | 10/23/2003      | 372000            | 814500             | 1.69        | 1.80       | 430639.7             | 4129213.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701832 | 047         | 1832          | Geomet   |                     | 11/13/2003      | 371730            | 814230             | 0.53        | 2.23       | 433618.3             | 4126434.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701833 | 047         | 1833          | Geomet   |                     | 10/30/2003      | 371730            | 814230             | 0.58        | 1.51       | 434776.8             | 4126344.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701834 | 047         | 1834          | Geomet   |                     | 11/5/2003       | 371730            | 814230             | 0.26        | 1.18       | 435312.1             | 4126855.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701835 | 047         | 1835          | Geomet   |                     | 11/12/2003      | 372000            | 814230             | 2.59        | 0.78       | 435962.7             | 4127721.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701837 | 047         | 1837          | Geomet   |                     | 12/5/2003       | 372000            | 814500             | 1.61        | 0.54       | 432668.6             | 4129325.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701838 | 047         | 1838          | Geomet   |                     | 11/21/2003      | 372000            | 814500             | 1.22        | 0.49       | 432754.1             | 4129952.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701844 | 047         | 1844          | Geomet   |                     | 8/6/2004        | 372500            | 814230             | 2.48        | 0.67       | 436209.8             | 4137142.3             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 177-222 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704701764 | 047         | 1764          |                           |                           |                           |                           | abandoned well            | 21,747                    | 18,513                    | 21,787                    | 27,548                    | 28,383                    | 28,126                    | 146,104                    |
| 4704701765 | 047         | 1765          |                           |                           |                           |                           | 3,274                     | 14,149                    | 16,355                    | 18,950                    | 22,144                    | 22,049                    | 22,504                    | 119,425                    |
| 4704701766 | 047         | 1766          |                           |                           |                           |                           | 8,181                     | 9,911                     | 12,020                    | 13,454                    | 20,340                    | 25,992                    | 29,359                    | 119,257                    |
| 4704701767 | 047         | 1767          |                           |                           |                           |                           | 6,368                     | 13,337                    | 17,582                    | 20,000                    | 23,548                    | 25,227                    | 24,693                    | 130,755                    |
| 4704701768 | 047         | 1768          |                           |                           |                           |                           | 7,616                     | 10,651                    | 14,205                    | 22,785                    | 32,077                    | 35,067                    | 34,222                    | 156,623                    |
| 4704701770 | 047         | 1770          |                           |                           |                           |                           | 14,161                    | 35,156                    | 43,209                    | 43,434                    | 40,944                    | 36,427                    | 30,803                    | 244,134                    |
| 4704701771 | 047         | 1771          |                           |                           |                           |                           | 10,637                    | 27,252                    | 44,083                    | 44,713                    | 43,718                    | 41,045                    | 37,232                    | 248,680                    |
| 4704701775 | 047         | 1775          |                           |                           |                           |                           | 12,762                    | 18,997                    | 22,825                    | 24,744                    | 30,157                    | 32,407                    | 34,661                    | 176,553                    |
| 4704701776 | 047         | 1776          |                           |                           |                           |                           | 4,562                     | 10,067                    | 10,623                    | 11,129                    | 14,295                    | 15,759                    | 16,437                    | 82,872                     |
| 4704701777 | 047         | 1777          |                           |                           |                           |                           | 5,455                     | 15,656                    | 34,714                    | 39,227                    | 36,517                    | 30,717                    | 26,927                    | 189,213                    |
| 4704701778 | 047         | 1778          |                           |                           |                           |                           | 11,624                    | 14,157                    | 10,050                    | 7,967                     | 7,967                     | 8,450                     | 8,347                     | 68,562                     |
| 4704701779 | 047         | 1779          |                           |                           |                           |                           | 13,476                    | 23,777                    | 13,171                    | 12,592                    | 18,681                    | 22,052                    | 22,089                    | 125,838                    |
| 4704701780 | 047         | 1780          |                           |                           |                           |                           | 10,963                    | 32,275                    | 41,793                    | 37,353                    | 34,480                    | 31,012                    | 28,079                    | 215,955                    |
| 4704701781 | 047         | 1781          |                           |                           |                           |                           | 7,266                     | 22,914                    | 27,761                    | 30,300                    | 33,657                    | 33,741                    | 27,398                    | 183,037                    |
| 4704701782 | 047         | 1782          |                           |                           |                           |                           | 15,558                    | 38,914                    | 41,916                    | 44,370                    | 36,636                    | 35,401                    | 34,243                    | 247,038                    |
| 4704701783 | 047         | 1783          |                           |                           |                           |                           | 2,811                     | 8,482                     | 13,521                    | 14,661                    | 20,411                    | 26,181                    | 33,311                    | 119,378                    |
| 4704701784 | 047         | 1784          |                           |                           |                           |                           | 5,250                     | 9,597                     | 13,123                    | 19,630                    | 24,401                    | 26,585                    | 26,999                    | 125,585                    |
| 4704701785 | 047         | 1785          |                           |                           |                           |                           | 4,552                     | 14,238                    | 13,422                    | 15,950                    | 19,563                    | 25,032                    | 28,797                    | 121,554                    |
| 4704701786 | 047         | 1786          |                           |                           |                           |                           | 10,884                    | 23,485                    | 25,236                    | 36,231                    | 44,822                    | 47,905                    | 46,462                    | 235,025                    |
| 4704701804 | 047         | 1804          |                           |                           |                           |                           | 4,820                     | 14,194                    | 18,626                    | 22,450                    | 27,336                    | 28,150                    | 30,365                    | 145,941                    |
| 4704701805 | 047         | 1805          |                           |                           |                           |                           | 1,639                     | 27,546                    | 38,359                    | 36,311                    | 37,055                    | 37,199                    | 34,366                    | 212,475                    |
| 4704701806 | 047         | 1806          |                           |                           |                           |                           | 3,474                     | 10,183                    | 9,627                     | 13,389                    | 18,399                    | 22,256                    | 24,438                    | 101,766                    |
| 4704701807 | 047         | 1807          |                           |                           |                           |                           | 2,933                     | 20,557                    | 26,694                    | 24,239                    | 24,550                    | 25,627                    | 29,047                    | 153,647                    |
| 4704701808 | 047         | 1808          |                           |                           |                           |                           | 2,205                     | 11,324                    | 14,239                    | 14,091                    | 16,070                    | 16,486                    | 16,192                    | 90,607                     |
| 4704701809 | 047         | 1809          |                           |                           |                           |                           | 2,165                     | 7,890                     | 8,125                     | 8,765                     | 10,202                    | 11,630                    | 13,133                    | 61,910                     |
| 4704701811 | 047         | 1811          |                           |                           |                           |                           | 115,645                   | 559,578                   | 248,342                   | 89,060                    | 61,421                    | 43,504                    | 50,232                    | 1,167,782                  |
| 4704701812 | 047         | 1812          |                           |                           |                           |                           | 2,463                     | 18,301                    | 18,444                    | 16,613                    | 16,486                    | 17,058                    | 16,929                    | 106,294                    |
| 4704701814 | 047         | 1814          |                           |                           |                           |                           | 3,177                     | 12,469                    | 18,888                    | 27,826                    | 35,115                    | 34,934                    | 30,832                    | 163,241                    |
| 4704701815 | 047         | 1815          |                           |                           |                           |                           | 3,844                     | 10,001                    | 11,550                    | 10,637                    | 10,313                    | 11,953                    | 15,378                    | 73,676                     |
| 4704701816 | 047         | 1816          |                           |                           |                           |                           | 2,841                     | 11,420                    | 10,818                    | 9,678                     | 10,180                    | 9,536                     | 10,767                    | 65,240                     |
| 4704701819 | 047         | 1819          |                           |                           |                           |                           | 4,468                     | 70,768                    | 55,251                    | 41,959                    | 40,957                    | 40,191                    | 38,199                    | 291,793                    |
| 4704701820 | 047         | 1820          |                           |                           |                           |                           | 1,593                     | 25,510                    | 33,121                    | 34,961                    | 36,021                    | 32,287                    | 28,111                    | 191,604                    |
| 4704701821 | 047         | 1821          |                           |                           |                           |                           | 2,680                     | 33,325                    | 33,830                    | 38,802                    | 37,131                    | 35,970                    | 34,831                    | 216,569                    |
| 4704701824 | 047         | 1824          |                           |                           |                           |                           | 4,081                     | 11,822                    | 19,317                    | 22,624                    | 27,339                    | 27,364                    | 25,804                    | 138,351                    |
| 4704701825 | 047         | 1825          |                           |                           |                           |                           | 4,538                     | 28,656                    | 51,279                    | 52,382                    | 49,704                    | 46,060                    | 41,562                    | 274,181                    |
| 4704701826 | 047         | 1826          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4704701828 | 047         | 1828          |                           |                           |                           |                           |                           | 6,923                     | 94,188                    | 78,905                    | 71,235                    | 49,970                    | 35,729                    | 336,950                    |
| 4704701830 | 047         | 1830          |                           |                           |                           |                           | 1,793                     | 25,395                    | 23,743                    | 22,297                    | 21,586                    | 24,114                    | 22,738                    | 141,666                    |
| 4704701831 | 047         | 1831          |                           |                           |                           |                           | 1,958                     | 12,571                    | 11,449                    | 11,912                    | 11,912                    | 16,754                    | 21,605                    | 88,161                     |
| 4704701832 | 047         | 1832          |                           |                           |                           |                           | 1,537                     | 13,148                    | 13,499                    | 19,250                    | 23,821                    | 27,166                    | 28,391                    | 126,812                    |
| 4704701833 | 047         | 1833          |                           |                           |                           |                           | 2,867                     | 17,935                    | 15,981                    | 19,330                    | 30,799                    | 33,642                    | 35,360                    | 155,914                    |
| 4704701834 | 047         | 1834          |                           |                           |                           |                           | 2,214                     | 15,860                    | 13,109                    | 11,715                    | 12,487                    | 13,784                    | 17,211                    | 86,380                     |
| 4704701835 | 047         | 1835          |                           |                           |                           |                           | 1,519                     | 14,792                    | 18,356                    | 24,441                    | 26,815                    | 26,619                    | 24,586                    | 137,128                    |
| 4704701837 | 047         | 1837          |                           |                           |                           |                           | 120                       | 5,779                     | 5,393                     | 4,395                     | 4,929                     | 4,509                     | 3,750                     | 28,875                     |
| 4704701838 | 047         | 1838          |                           |                           |                           |                           | 435                       | 11,972                    | 13,735                    | 10,944                    | 10,431                    | 10,183                    | 9,515                     | 67,215                     |
| 4704701844 | 047         | 1844          |                           |                           |                           |                           |                           |                           |                           |                           | 13,290                    | 19,313                    | 19,364                    | 51,967                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 177-222 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays             | Comments                             |
|------------|-------------|---------------|--------------|------------------|--------------------------------------|
| 4704701764 | 047         | 1764          | Bradshaw CBM | 8 coals          |                                      |
| 4704701765 | 047         | 1765          | Bradshaw CBM | 6 coals          | 3 months production 2003             |
| 4704701766 | 047         | 1766          | Bradshaw CBM | at least 5 coals | 5 months production 2003             |
| 4704701767 | 047         | 1767          | Bradshaw CBM | 6 coals          | 5 months production 2003             |
| 4704701768 | 047         | 1768          | Bradshaw CBM | 9 coals          | 6 months production 2003             |
| 4704701770 | 047         | 1770          | Bradshaw CBM | 7 coals          | 6 months production 2003             |
| 4704701771 | 047         | 1771          | Bradshaw CBM | 7 coals          | 6 months production 2003             |
| 4704701775 | 047         | 1775          | Bradshaw CBM | 6 coals          | 6 months production 2003             |
| 4704701776 | 047         | 1776          | Bradshaw CBM | 7 coals          | 5 months production 2003             |
| 4704701777 | 047         | 1777          | Bradshaw CBM | 8 coals          | 4 months production 2003             |
| 4704701778 | 047         | 1778          | Bradshaw CBM | 8 coals          | 7 months production 2003             |
| 4704701779 | 047         | 1779          | Bradshaw CBM | 7 coals          | 7 months production 2003             |
| 4704701780 | 047         | 1780          | Bradshaw CBM | 7 coals          | 6 months production 2003             |
| 4704701781 | 047         | 1781          | Bradshaw CBM | 7 coals          | 5 months production 2003             |
| 4704701782 | 047         | 1782          | Bradshaw CBM | 6 coals          | 6 months production 2003             |
| 4704701783 | 047         | 1783          | Bradshaw CBM | 7 coals          | 6 months production 2003             |
| 4704701784 | 047         | 1784          | Bradshaw CBM | 7 coals          | 5 months production 2003             |
| 4704701785 | 047         | 1785          | Bradshaw CBM | 8 coals          | 5 months production 2003             |
| 4704701786 | 047         | 1786          | Bradshaw CBM | 7 coals          | 5 months production 2003             |
| 4704701804 | 047         | 1804          | Bradshaw CBM | 7 coals          | 5 months production 2003             |
| 4704701805 | 047         | 1805          | Bradshaw CBM | 7 coals          | 1 month production 2003              |
| 4704701806 | 047         | 1806          | Bradshaw CBM | 6 coals          | 3 months production 2003             |
| 4704701807 | 047         | 1807          | Bradshaw CBM | 7 coals          | 3 months production 2003             |
| 4704701808 | 047         | 1808          | Bradshaw CBM | 6 coals          | 3 months production 2003             |
| 4704701809 | 047         | 1809          | Bradshaw CBM | 6 coals          | 4 months production 2003             |
| 4704701811 | 047         | 1811          | unnamed      | Poca 3           | horizontal;3 months production 2003  |
| 4704701812 | 047         | 1812          | Bradshaw CBM | 6 coals          | 3 months production 2003             |
| 4704701814 | 047         | 1814          | Bradshaw CBM | 6 coals          | 3 months production 2003             |
| 4704701815 | 047         | 1815          | Bradshaw CBM | 7 coals          | 3 months production 2003             |
| 4704701816 | 047         | 1816          | Bradshaw CBM | 5 coals          | 3 months production 2003             |
| 4704701819 | 047         | 1819          | Bradshaw CBM | 8 coals          | 2 months production 2003             |
| 4704701820 | 047         | 1820          | Bradshaw CBM | 12 coals         | 2 months production 2003             |
| 4704701821 | 047         | 1821          | Bradshaw CBM | 9 coals          | 2 months production 2003             |
| 4704701824 | 047         | 1824          | Bradshaw CBM | 6 coals          | 3 months production 2003             |
| 4704701825 | 047         | 1825          | Bradshaw CBM | 7 coals          | 3 months production 2003             |
| 4704701826 | 047         | 1826          | unnamed      |                  | non-producer; service well           |
| 4704701828 | 047         | 1828          | unnamed      | Poca 3           | horizontal; 2 months production 2004 |
| 4704701830 | 047         | 1830          | Bradshaw CBM | 7 coals          | 2 months production 2003             |
| 4704701831 | 047         | 1831          | Bradshaw CBM | 9 coals          | 2 months production 2003             |
| 4704701832 | 047         | 1832          | Bradshaw CBM | 7 coals          | 2 months production 2003             |
| 4704701833 | 047         | 1833          | Bradshaw CBM | 5 coals          | 2 months production 2003             |
| 4704701834 | 047         | 1834          | Bradshaw CBM | 8 coals          | 2 months production 2003             |
| 4704701835 | 047         | 1835          | Bradshaw CBM | 6 coals          | 1 month production 2003              |
| 4704701837 | 047         | 1837          | Bradshaw CBM | 8 coals          | 1 month production 2003              |
| 4704701838 | 047         | 1838          |              | 8 coals          | 1 month production 2003              |
| 4704701844 | 047         | 1844          |              | 8 coals          | 10 months production 2007            |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 223-268 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator             | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704701876 | 047         | 1876          | Geomet               |                     | 3/30/2004       | 372000            | 814730             | 2.21        | 0.58       | 428903.6             | 4128390.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701877 | 047         | 1877          | Geomet               |                     | 6/8/2004        | 372000            | 814500             | 1.92        | 2.22       | 429960.7             | 4128848.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701878 | 047         | 1878          | Geomet               |                     | 6/3/2004        | 372000            | 814730             | 1.02        | 0.32       | 429338.3             | 4130302.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701879 | 047         | 1879          | Geomet               |                     | 6/14/2004       | 371730            | 814230             | 0.82        | 1.69       | 434484.0             | 4125960.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701894 | 047         | 1894          | Geomet               |                     | 6/11/2004       | 372000            | 814230             | 1.79        | 1.64       | 434588.4             | 4129020.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701895 | 047         | 1895          | Geomet               |                     | 4/5/2006        | 372000            | 814500             | 1.38        | 0.35       | 432977.3             | 4129669.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701896 | 047         | 1896          | Geomet               |                     | 3/29/2006       | 372000            | 814500             | 1.16        | 0.77       | 432304.3             | 4130053.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701901 | 047         | 1901          | Geomet               |                     | 6/9/2004        | 372000            | 814730             | 1.93        | 1.45       | 427507.2             | 4128853.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701902 | 047         | 1902          | Geomet               |                     | 5/27/2004       | 372000            | 814500             | 2.30        | 0.17       | 433255.2             | 4128209.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701918 | 047         | 1918          | Geomet               |                     | 8/3/2004        | 371730            | 814730             | 0.04        | 1.94       | 426704.7             | 4127280.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701926 | 047         | 1926          | Geomet               |                     | 8/12/2004       | 371730            | 814730             | 0.40        | 2.07       | 426490.4             | 4126703.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701927 | 047         | 1927          | Geomet               |                     | 7/29/2004       | 392000            | 814730             | 2.84        | 1.13       | 428009.6             | 4127383.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701933 | 047         | 1933          | Geomet               |                     | 10/8/2004       | 372000            | 814500             | 2.00        | 0.67       | 432454.3             | 4128669.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701934 | 047         | 1934          | Geomet               |                     | 8/31/2004       | 372000            | 814500             | 0.96        | 0.97       | 431985.1             | 4130377.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701939 | 047         | 1939          | Geomet               |                     | 9/2/2004        | 372000            | 814500             | 2.57        | 1.74       | 430724.6             | 4127795.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704701940 | 047         | 1940          | Geomet               |                     | 9/28/2004       | 372000            | 814500             | 1.97        | 1.63       | 430909.6             | 4128760.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701941 | 047         | 1941          | Geomet               |                     | 10/5/2004       | 371730            | 814500             | 1.15        | 0.16       | 433249.3             | 4125438.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701942 | 047         | 1942          | Geomet               |                     | 9/8/2004        | 371730            | 814230             | 0.97        | 2.27       | 433548.3             | 4125726.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701943 | 047         | 1943          | Geomet               |                     | 9/14/2004       | 371730            | 814500             | 0.78        | 0.13       | 433302.3             | 4126034.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701952 | 047         | 1952          | Geomet               |                     | 9/30/2005       | 372000            | 814500             | 2.73        | 1.96       | 430368.3             | 4127540.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701953 | 047         | 1953          | Geomet               |                     | 10/25/2005      | 372000            | 814500             | 2.44        | 2.00       | 430307.8             | 4128008.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701954 | 047         | 1954          | Geomet               |                     | 10/29/2005      | 372000            | 814500             | 2.31        | 1.75       | 430711.9             | 4128214.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704701955 | 047         | 1955          | Geomet               |                     | 2/22/2006       | 372000            | 814500             | 2.19        | 1.44       | 431212.5             | 4128403.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701956 | 047         | 1956          | Geomet               |                     | 2/23/2006       | 372000            | 814500             | 2.05        | 1.15       | 431681.1             | 4128624.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701957 | 047         | 1957          | Geomet               |                     | 10/15/2004      | 371730            | 815000             | 0.10        | 0.09       | 425988.6             | 4127190.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701958 | 047         | 1958          | Geomet               |                     | 10/12/2004      | 372000            | 814730             | 2.39        | 1.88       | 426808.6             | 4128118.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701959 | 047         | 1959          | Geomet               |                     | 11/23/2004      | 372000            | 814730             | 2.13        | 1.84       | 426876.7             | 4128536.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701960 | 047         | 1960          | Geomet               |                     | 12/17/2004      | 372000            | 814730             | 1.82        | 1.68       | 427138.5             | 4129033.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701964 | 047         | 1964          | Northport Production |                     | 10/20/2004      | 372730            | 814730             | 0.67        | 0.52       | 429137.6             | 4144736.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704701965 | 047         | 1965          | Northport Production |                     | 10/14/2004      | 372730            | 814730             | 0.67        | 0.09       | 429829.5             | 4144731.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704701966 | 047         | 1966          | Northport Production |                     | 10/20/2004      | 372730            | 814730             | 1.09        | 0.08       | 429839.9             | 4144054.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701967 | 047         | 1967          | Northport Production |                     | 10/23/2004      | 372730            | 814730             | 1.28        | 0.08       | 429837.3             | 4143748.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704701981 | 047         | 1981          | Geomet               |                     | 1/20/2005       | 372000            | 814500             | 0.82        | 1.46       | 431198.4             | 4130609.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704701982 | 047         | 1982          | Geomet               |                     | 1/6/2005        | 372000            | 814730             | 1.59        | 1.42       | 427560.2             | 4129400.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704701996 | 047         | 1996          | Northport Production |                     | 11/11/2004      | 372730            | 814730             | 1.03        | 0.50       | 429164.8             | 4144156.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704701997 | 047         | 1997          | Penn Virginia        |                     | 3/3/2005        | 372730            | 813730             | 0.24        | 1.36       | 442533.1             | 4145326.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704701998 | 047         | 1998          | Penn Virginia        |                     | 4/14/2005       | 372730            | 813730             | 0.22        | 1.39       | 442485.1             | 4145358.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704701999 | 047         | 1999          | Penn Virginia        |                     | 5/7/2005        | 372730            | 813730             | 0.28        | 1.39       | 442484.4             | 4145262.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702000 | 047         | 2000          | Geomet               |                     | 4/19/2005       | 371730            | 814730             | 0.68        | 2.26       | 426180.5             | 4126254.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702004 | 047         | 2004          | CNX Gas Co LLC       |                     | 9/25/2006       | 371500            | 814230             | 0.54        | 1.20       | 435243.9             | 4121782.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702005 | 047         | 2005          | CNX Gas Co LLC       |                     | 8/11/2005       | 371500            | 814230             | 0.73        | 1.41       | 434903.9             | 4121479.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702006 | 047         | 2006          | Geomet               |                     | 1/13/2005       | 371730            | 814730             | 0.56        | 1.89       | 426777.9             | 4126442.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702019 | 047         | 2019          | Northport Production |                     | 4/21/2005       | 372730            | 814500             | 1.09        | 2.11       | 430259.1             | 4144051.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702021 | 047         | 2021          | Northport Production |                     | 1/12/2005       | 372730            | 814730             | 0.88        | 0.26       | 429553.1             | 4144395.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702026 | 047         | 2026          | Northport Production |                     | 4/7/2005        | 372730            | 814730             | 0.52        | 0.29       | 429509.7             | 4144975.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702032 | 047         | 2032          | Northport Production |                     | 4/27/2005       | 372730            | 814730             | 0.88        | 0.05       | 429891.0             | 4144392.3             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 223-268 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704701876 | 047         | 1876          |                           |                           |                           |                           |                           | 47,662                    | 73,173                    | 75,607                    | 75,541                    | 76,762                    | 74,883                    | 423,628                    |
| 4704701877 | 047         | 1877          |                           |                           |                           |                           |                           | 12,782                    | 23,045                    | 27,837                    | 42,130                    | 49,848                    | 49,436                    | 205,078                    |
| 4704701878 | 047         | 1878          |                           |                           |                           |                           |                           | 6,052                     | 9,351                     | 13,209                    | 19,233                    | 22,015                    | 23,677                    | 93,537                     |
| 4704701879 | 047         | 1879          |                           |                           |                           |                           |                           | 6,288                     | 9,140                     | 8,605                     | 9,039                     | 10,591                    | 13,290                    | 56,953                     |
| 4704701894 | 047         | 1894          |                           |                           |                           |                           |                           | 5,007                     | 12,234                    | 9,321                     | 9,197                     | 7,543                     | 5,961                     | 49,263                     |
| 4704701895 | 047         | 1895          |                           |                           |                           |                           |                           |                           |                           | 11,430                    | 16,375                    | 12,699                    | 9,801                     | 50,305                     |
| 4704701896 | 047         | 1896          |                           |                           |                           |                           |                           |                           |                           | 8,492                     | 17,889                    | 17,612                    | 17,350                    | 61,343                     |
| 4704701901 | 047         | 1901          |                           |                           |                           |                           |                           | 27,072                    | 42,633                    | 58,309                    | 61,161                    | 59,748                    | 51,760                    | 300,683                    |
| 4704701902 | 047         | 1902          |                           |                           |                           |                           |                           | 12,376                    | 30,653                    | 31,455                    | 31,181                    | 29,764                    | 27,440                    | 162,869                    |
| 4704701918 | 047         | 1918          |                           |                           |                           |                           |                           | 38,781                    | 88,742                    | 69,098                    | 60,156                    | 49,242                    | 42,778                    | 348,797                    |
| 4704701926 | 047         | 1926          |                           |                           |                           |                           |                           | 17,779                    | 52,416                    | 34,770                    | 25,582                    | 22,911                    | 21,656                    | 175,114                    |
| 4704701927 | 047         | 1927          |                           |                           |                           |                           |                           | 43,896                    | 109,307                   | 99,341                    | 84,494                    | 70,460                    | 60,821                    | 468,319                    |
| 4704701933 | 047         | 1933          |                           |                           |                           |                           |                           | 3,412                     | 14,625                    | 12,735                    | 11,952                    | 11,801                    | 12,611                    | 67,136                     |
| 4704701934 | 047         | 1934          |                           |                           |                           |                           |                           | 4,328                     | 16,548                    | 15,354                    | 15,662                    | 14,874                    | 13,490                    | 80,256                     |
| 4704701939 | 047         | 1939          |                           |                           |                           |                           |                           | 6,659                     | 29,133                    | 28,475                    | 34,628                    | 31,478                    | 29,201                    | 159,574                    |
| 4704701940 | 047         | 1940          |                           |                           |                           |                           |                           | 2,652                     | 12,516                    | 11,446                    | 14,795                    | 16,599                    | 17,278                    | 75,286                     |
| 4704701941 | 047         | 1941          |                           |                           |                           |                           |                           | 4,708                     | 18,337                    | 15,629                    | 17,078                    | 17,152                    | 17,494                    | 90,398                     |
| 4704701942 | 047         | 1942          |                           |                           |                           |                           |                           | 7,935                     | 21,060                    | 25,179                    | 31,463                    | 32,315                    | 34,538                    | 152,490                    |
| 4704701943 | 047         | 1943          |                           |                           |                           |                           |                           | 5,718                     | 13,609                    | 11,336                    | 13,455                    | 13,689                    | 14,341                    | 72,148                     |
| 4704701952 | 047         | 1952          |                           |                           |                           |                           |                           |                           | 3,252                     | 17,788                    | 16,429                    | 16,166                    | 19,615                    | 73,250                     |
| 4704701953 | 047         | 1953          |                           |                           |                           |                           |                           |                           | 2,932                     | 24,756                    | 18,769                    | 16,396                    | 16,560                    | 79,413                     |
| 4704701954 | 047         | 1954          |                           |                           |                           |                           |                           |                           | 21,552                    | 29,023                    | 34,183                    | 34,130                    | 34,130                    | 118,888                    |
| 4704701955 | 047         | 1955          |                           |                           |                           |                           |                           |                           | 22,497                    | 32,202                    | 48,312                    | 56,106                    | 56,106                    | 159,117                    |
| 4704701956 | 047         | 1956          |                           |                           |                           |                           |                           |                           |                           | 9,050                     | 9,533                     | 14,539                    | 18,856                    | 51,978                     |
| 4704701957 | 047         | 1957          |                           |                           |                           |                           |                           | 5,269                     | 41,262                    | 31,559                    | 23,195                    | 20,512                    | 21,058                    | 142,855                    |
| 4704701958 | 047         | 1958          |                           |                           |                           |                           |                           | 3,163                     | 49,863                    | 47,049                    | 42,137                    | 39,155                    | 38,141                    | 219,508                    |
| 4704701959 | 047         | 1959          |                           |                           |                           |                           |                           | 2,079                     | 58,770                    | 63,841                    | 71,130                    | 66,019                    | 57,204                    | 319,043                    |
| 4704701960 | 047         | 1960          |                           |                           |                           |                           |                           | 273                       | 7,419                     | 8,362                     | 12,771                    | 19,585                    | 20,010                    | 68,420                     |
| 4704701964 | 047         | 1964          |                           |                           |                           |                           |                           |                           | 5,302                     | 3,132                     | 3,279                     | 3,115                     | 704                       | 15,532                     |
| 4704701965 | 047         | 1965          |                           |                           |                           |                           |                           |                           |                           | 1,516                     | 3,436                     | 4,015                     | 907                       | 9,874                      |
| 4704701966 | 047         | 1966          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704701967 | 047         | 1967          |                           |                           |                           |                           |                           |                           |                           | 812                       | 821                       | 50                        | abandoned well            | 1,683                      |
| 4704701981 | 047         | 1981          |                           |                           |                           |                           |                           |                           | 20,120                    | 21,699                    | 23,324                    | 25,036                    | 25,631                    | 115,810                    |
| 4704701982 | 047         | 1982          |                           |                           |                           |                           |                           |                           | 49,974                    | 55,383                    | 50,167                    | 43,490                    | 40,679                    | 239,693                    |
| 4704701996 | 047         | 1996          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704701997 | 047         | 1997          |                           |                           |                           |                           |                           |                           |                           | service well              | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704701998 | 047         | 1998          |                           |                           |                           |                           |                           |                           | 7,556                     | 11,709                    | 7,084                     | 9,259                     | 9,266                     | 44,874                     |
| 4704701999 | 047         | 1999          |                           |                           |                           |                           |                           |                           | 12,867                    | 31,343                    | 18,340                    | 24,139                    | 17,474                    | 104,163                    |
| 4704702000 | 047         | 2000          |                           |                           |                           |                           |                           |                           | 25,757                    | 34,049                    | 27,631                    | 26,943                    | 25,580                    | 139,960                    |
| 4704702004 | 047         | 2004          |                           |                           |                           |                           |                           |                           |                           |                           | 3,339                     | 16,292                    | 13,897                    | 33,528                     |
| 4704702005 | 047         | 2005          |                           |                           |                           |                           |                           |                           |                           |                           | 16,538                    | 26,259                    | 23,141                    | 65,938                     |
| 4704702006 | 047         | 2006          |                           |                           |                           |                           |                           |                           | 78,133                    | 72,089                    | 59,105                    | 50,153                    | 48,376                    | 307,856                    |
| 4704702019 | 047         | 2019          |                           |                           |                           |                           |                           |                           | 78,345                    | 864                       | 2,605                     | 2,402                     | 487                       | 84,703                     |
| 4704702021 | 047         | 2021          |                           |                           |                           |                           |                           |                           |                           | 5,199                     | 5,711                     | 12,697                    | 4,936                     | 28,543                     |
| 4704702026 | 047         | 2026          |                           |                           |                           |                           |                           |                           |                           | 1,690                     | 3,681                     | 3,928                     | 958                       | 10,257                     |
| 4704702032 | 047         | 2032          |                           |                           |                           |                           |                           |                           |                           | 1,500                     | 3,751                     | 5,299                     | 1,124                     | 11,674                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 223-268 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays                                                              | Comments                                                                                       |
|------------|-------------|---------------|------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 4704701876 | 047         | 1876          |            | 7 coals                                                           | 9 months production 2004                                                                       |
| 4704701877 | 047         | 1877          |            | 6 coals                                                           | 7 months production 2004                                                                       |
| 4704701878 | 047         | 1878          |            | 6 coals                                                           | 7 months production 2004                                                                       |
| 4704701879 | 047         | 1879          |            | 6 coals                                                           | 6 months production 2004                                                                       |
| 4704701894 | 047         | 1894          |            | 6 coals                                                           | 6 months production 2004                                                                       |
| 4704701895 | 047         | 1895          |            | 17 coals                                                          | 9 months production 2006                                                                       |
| 4704701896 | 047         | 1896          |            | 20 coals                                                          | 9 months production 2006                                                                       |
| 4704701901 | 047         | 1901          |            | 6 coals                                                           | 7 months production 2004                                                                       |
| 4704701902 | 047         | 1902          |            | 6 coals                                                           | 7 months production 2004                                                                       |
| 4704701918 | 047         | 1918          |            | 7 coals                                                           | 7 months production 2004                                                                       |
| 4704701926 | 047         | 1926          |            | 8 coals                                                           | 5 months production 2004                                                                       |
| 4704701927 | 047         | 1927          |            | 9 coals                                                           | 5 months production 2004                                                                       |
| 4704701933 | 047         | 1933          |            | 8 coals                                                           | 3 months production 2004                                                                       |
| 4704701934 | 047         | 1934          |            | 8 coals                                                           | 4 months production 2004                                                                       |
| 4704701939 | 047         | 1939          |            | 6 coals                                                           | 4 months production 2004                                                                       |
| 4704701940 | 047         | 1940          |            | 9 coals                                                           | 3 months production 2004                                                                       |
| 4704701941 | 047         | 1941          |            | 8 coals                                                           | 3 months production 2004                                                                       |
| 4704701942 | 047         | 1942          |            | 7 coals                                                           | 4 months production 2004                                                                       |
| 4704701943 | 047         | 1943          |            | 7 coals                                                           | 4 months production 2004                                                                       |
| 4704701952 | 047         | 1952          |            | 8 coals                                                           | 2+ months production 2005                                                                      |
| 4704701953 | 047         | 1953          |            | 8 coals                                                           | 1+ month production 2005                                                                       |
| 4704701954 | 047         | 1954          |            | 19 coals                                                          |                                                                                                |
| 4704701955 | 047         | 1955          |            | 19 coals                                                          | 10 months production 2006                                                                      |
| 4704701956 | 047         | 1956          |            | 20 coals                                                          | 10 months production 2006                                                                      |
| 4704701957 | 047         | 1957          |            | 8 coals                                                           | 2+ months production 2004                                                                      |
| 4704701958 | 047         | 1958          |            | 8 coals                                                           | 1 month production 2004                                                                        |
| 4704701959 | 047         | 1959          |            | 7 coals                                                           | 1 month production 2004                                                                        |
| 4704701960 | 047         | 1960          |            | 8 coals                                                           | less than 1 month production 2004                                                              |
| 4704701964 | 047         | 1964          |            | Welch, Lit Raleigh B, Beckley, Poca 3,2                           | 9 months production 2005                                                                       |
| 4704701965 | 047         | 1965          |            | Beckley A, Beckley, Poca 3,2                                      | 7 months production 2006                                                                       |
| 4704701966 | 047         | 1966          |            | missing pg 2 record?                                              |                                                                                                |
| 4704701967 | 047         | 1967          |            | Sewell, Lwr Sewell, Welch A, Welch, Lit Raleigh, Beckley A, Beckl | dewatering; 5 months production 2006                                                           |
| 4704701981 | 047         | 1981          |            | 5 coals                                                           | 11 months production 2005                                                                      |
| 4704701982 | 047         | 1982          |            | 8 coals                                                           |                                                                                                |
| 4704701996 | 047         | 1996          |            | Beckley A, Poca 3, 2, Squire Jim                                  | dewatering                                                                                     |
| 4704701997 | 047         | 1997          | Big Creek  | Poca 3,4 horizontals; service well; see 047 1998 and 1999         |                                                                                                |
| 4704701998 | 047         | 1998          | Big Creek  | Poca 4 horizontals; see 047 1997 and 1999                         | 3 months production 2005                                                                       |
| 4704701999 | 047         | 1999          | Big Creek  | Poca 3 horizontals; see 047 1997 and 1998                         | 3 months production 2005                                                                       |
| 4704702000 | 047         | 2000          |            | 8 coals                                                           | 9 months production 2005                                                                       |
| 4704702004 | 047         | 2004          |            | 3 stage completion, 11 thin coals; 17.9 net ft coal               | 8 months production 2007                                                                       |
| 4704702005 | 047         | 2005          |            | 5 stage completion, 22 thin coals; 28.1 net ft coal               |                                                                                                |
| 4704702006 | 047         | 2006          |            | 8 coals                                                           |                                                                                                |
| 4704702019 | 047         | 2019          |            | Lit Raleigh A, Lit Raleigh, Beckely A, Poca 3,2, Squire Jim       | 9 months production 2005, reported by Cabot; frac permitted 12/09/20; 5 months production 2006 |
| 4704702021 | 047         | 2021          |            | Welch A, Welch, Lit Raleigh B, Beckley, Poca 3, 2, Squire Jim     | dewatering; 10 months produciton 2006                                                          |
| 4704702026 | 047         | 2026          |            | Lit Raleigh B, Beckely, Poca 3,2, Squire Jim                      | 10 months production 2006                                                                      |
| 4704702032 | 047         | 2032          |            | Welch A, Lit Raleigh B, Lit Raleigh A, Beckley A, Beckley, Poca 3 | 5 months production 2006                                                                       |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 269-314 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator             | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704702033 | 047         | 2033          | Northport Production |                     | 4/12/2005       | 372730            | 814730             | 1.07        | 0.30       | 429486.1             | 4144089.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702041 | 047         | 2041          | Northport Production |                     | 4/27/2005       | 372730            | 814730             | 1.29        | 0.02       | 429933.8             | 4143747.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702048 | 047         | 2048          | Geomet               |                     | 5/20/2005       | 372000            | 814730             | 2.80        | 2.14       | 426384.3             | 4127462.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702050 | 047         | 2050          | Geomet               |                     | 5/27/2005       | 372000            | 815000             | 2.73        | 0.96       | 424591.6             | 4127590.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702051 | 047         | 2051          | Geomet               |                     | 5/25/2005       | 372000            | 815000             | 2.49        | 0.86       | 424756.0             | 4127975.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702056 | 047         | 2056          | Geomet               |                     | 6/9/2005        | 371730            | 815000             | 0.09        | 0.67       | 425055.1             | 4127214.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702057 | 047         | 2057          | Geomet               |                     | 6/3/2005        | 371730            | 815000             | 0.38        | 0.00       | 426129.5             | 4126738.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702058 | 047         | 2058          | Geomet               |                     | 6/10/2005       | 372000            | 815000             | 2.59        | 0.30       | 425656.0             | 4127806.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702060 | 047         | 2060          | Geomet               |                     | 7/15/2005       | 371730            | 815000             | 0.38        | 0.68       | 425034.8             | 4126748.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702063 | 047         | 2063          | Geomet               |                     | 6/18/2005       | 371730            | 815000             | 0.33        | 0.33       | 425599.0             | 4126823.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702068 | 047         | 2068          | Geomet               |                     | 8/2/2006        | 372000            | 815000             | 1.64        | 0.27       | 425717.9             | 4129335.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702069 | 047         | 2069          | Geomet               |                     | 6/22/2005       | 372000            | 815000             | 1.76        | 0.77       | 424911.4             | 4129149.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702070 | 047         | 2070          | Geomet               |                     | 7/1/2005        | 372000            | 815000             | 1.52        | 0.58       | 425220.7             | 4129533.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702073 | 047         | 2073          | Geomet               |                     | 8/29/2005       | 372000            | 815000             | 1.34        | 0.28       | 425706.1             | 4129819.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702078 | 047         | 2078          | Geomet               |                     | 9/14/2005       | 372000            | 814730             | 1.27        | 2.29       | 426164.6             | 4129927.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702081 | 047         | 2081          | Geomet               |                     | 9/24/2005       | 372000            | 814730             | 1.09        | 2.04       | 426569.4             | 4130214.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702082 | 047         | 2082          | Geomet               |                     | 9/20/2005       | 372000            | 814730             | 1.42        | 1.86       | 426854.4             | 4129680.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702083 | 047         | 2083          | Geomet               |                     | 9/15/2005       | 371730            | 814730             | 0.71        | 1.62       | 427210.5             | 4126197.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702085 | 047         | 2085          | Geomet               |                     | 9/26/2005       | 371730            | 814730             | 0.36        | 0.78       | 428567.7             | 4126749.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702088 | 047         | 2088          | Geomet               |                     | 10/11/2005      | 372000            | 814730             | 2.17        | 2.12       | 426425.4             | 4128476.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702089 | 047         | 2089          | Geomet               |                     | 8/29/2006       | 372000            | 814730             | 0.94        | 1.82       | 426925.6             | 4130452.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702093 | 047         | 2093          | Geomet               |                     | 10/14/2005      | 371730            | 814730             | 0.40        | 0.36       | 429243.3             | 4126679.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702095 | 047         | 2095          | Dart Oil & Gas Corp  |                     | 7/13/2006       | 372730            | 814230             | 2.67        | 2.15       | 433860.4             | 4141477.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702098 | 047         | 2098          | Dart Oil & Gas Corp  |                     | 6/29/2006       | 372730            | 814500             | 2.47        | 0.31       | 433137.8             | 4141805.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702099 | 047         | 2099          | Dart Oil & Gas Corp  |                     | 7/26/2006       | 372730            | 814500             | 2.72        | 0.16       | 433376.1             | 4141400.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702105 | 047         | 2105          | Geomet               |                     | 12/19/2005      | 372000            | 815000             | 2.08        | 0.77       | 424906.8             | 4128634.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702114 | 047         | 2114          | CNX Gas Co LLC       |                     | 1/2/2007        | 371500            | 814230             | 0.21        | 1.05       | 435504.5             | 4122528.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702115 | 047         | 2115          | CNX Gas Co LLC       |                     | 12/27/2006      | 371730            | 814230             | 2.85        | 1.02       | 435555.6             | 4122902.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702116 | 047         | 2116          | CNX Gas Co LLC       |                     | 7/31/2006       | 371730            | 814230             | 2.64        | 1.02       | 435540.2             | 4123021.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702117 | 047         | 2117          | CNX Gas Co LLC       |                     | 2/7/2006        | 371730            | 814230             | 2.73        | 1.74       | 434379.5             | 4122885.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702118 | 047         | 2118          | CNX Gas Co LLC       |                     | 2/16/2006       | 371730            | 814230             | 2.62        | 1.56       | 434689.3             | 4123278.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702119 | 047         | 2119          | CNX Gas Co LLC       |                     | 9/11/2006       | 371730            | 814230             | 2.34        | 0.83       | 435849.9             | 4123502.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702120 | 047         | 2120          | CNX Gas Co LLC       |                     | 8/1/2006        | 371730            | 814230             | 2.77        | 1.25       | 435168.2             | 4122815.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702122 | 047         | 2122          | CNX Gas Co LLC       |                     | 2/16/2006       | 371730            | 814230             | 2.45        | 1.38       | 434962.8             | 4123332.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702123 | 047         | 2123          | CNX Gas Co LLC       |                     | 2/7/2006        | 371730            | 814230             | 2.42        | 1.17       | 435301.4             | 4123377.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702128 | 047         | 2128          | CNX Gas Co LLC       |                     | 1/26/2006       | 371730            | 814500             | 0.54        | 1.66       | 430842.2             | 4126440.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702129 | 047         | 2129          | CNX Gas Co LLC       |                     | 2/2/2006        | 371730            | 814500             | 0.51        | 1.49       | 431116.2             | 4126486.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702139 | 047         | 2139          | CNX Gas Co LLC       |                     | 11/16/2006      | 371730            | 814230             | 1.52        | 1.37       | 435008.3             | 4125046.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702140 | 047         | 2140          | CNX Gas Co LLC       |                     | 9/15/2006       | 371730            | 814230             | 2.07        | 1.11       | 435402.3             | 4123940.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702141 | 047         | 2141          | CNX Gas Co LLC       |                     | 10/27/2006      | 371730            | 814230             | 2.10        | 1.30       | 435114.0             | 4124112.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702142 | 047         | 2142          | CNX Gas Co LLC       |                     | 11/29/2006      | 371730            | 814230             | 1.51        | 0.79       | 435941.9             | 4125055.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702143 | 047         | 2143          | CNX Gas Co LLC       |                     | 6/12/2006       | 371730            | 814500             | 0.46        | 1.23       | 431552.7             | 4126780.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702144 | 047         | 2144          | CNX Gas Co LLC       |                     | 5/23/2006       | 371730            | 814500             | 0.82        | 1.43       | 431208.7             | 4125986.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702145 | 047         | 2145          | CNX Gas Co LLC       |                     | 11/21/2006      | 371730            | 814230             | 2.12        | 1.55       | 434711.4             | 4124083.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702174 | 047         | 2174          | Geomet               |                     | 3/9/2006        | 372000            | 814730             | 2.35        | 1.09       | 428080.8             | 4128172.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702175 | 047         | 2175          | Geomet               |                     | 3/9/2006        | 372000            | 814730             | 2.46        | 0.71       | 428690.9             | 4127989.6             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 269-314 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704702033 | 047         | 2033          |                           |                           |                           |                           |                           |                           |                           | 1,148                     | 1,587                     | 251                       | abandoned well            | 2,986                      |
| 4704702041 | 047         | 2041          |                           |                           |                           |                           |                           |                           |                           | 896                       | 2,543                     | 3,003                     | 688                       | 7,130                      |
| 4704702048 | 047         | 2048          |                           |                           |                           |                           |                           |                           | 14,245                    | 32,759                    | 25,639                    | 23,152                    | 21,371                    | 117,166                    |
| 4704702050 | 047         | 2050          |                           |                           |                           |                           |                           |                           | 6,737                     | 12,344                    | 11,318                    | 12,223                    | 15,419                    | 58,041                     |
| 4704702051 | 047         | 2051          |                           |                           |                           |                           |                           |                           | 11,496                    | 21,133                    | 23,073                    | 23,461                    | 24,152                    | 103,315                    |
| 4704702056 | 047         | 2056          |                           |                           |                           |                           |                           |                           | 10,411                    | 21,258                    | 17,778                    | 19,787                    | 18,398                    | 87,632                     |
| 4704702057 | 047         | 2057          |                           |                           |                           |                           |                           |                           | 13,100                    | 24,748                    | 21,092                    | 34,810                    | 41,309                    | 135,059                    |
| 4704702058 | 047         | 2058          |                           |                           |                           |                           |                           |                           | 17,121                    | 33,265                    | 25,658                    | 25,914                    | 28,498                    | 130,456                    |
| 4704702060 | 047         | 2060          |                           |                           |                           |                           |                           |                           | 10,601                    | 34,268                    | 25,509                    | 20,269                    | 19,860                    | 110,507                    |
| 4704702063 | 047         | 2063          |                           |                           |                           |                           |                           |                           | 19,970                    | 27,164                    | 41,096                    | 49,229                    | 40,604                    | 178,063                    |
| 4704702068 | 047         | 2068          |                           |                           |                           |                           |                           |                           |                           | 11,042                    | 30,546                    | 38,340                    | 32,399                    | 112,327                    |
| 4704702069 | 047         | 2069          |                           |                           |                           |                           |                           |                           | 15,198                    | 24,967                    | 16,981                    | 16,216                    | 18,937                    | 92,299                     |
| 4704702070 | 047         | 2070          |                           |                           |                           |                           |                           |                           | 26,710                    | 48,412                    | 33,016                    | 26,645                    | 22,225                    | 157,008                    |
| 4704702073 | 047         | 2073          |                           |                           |                           |                           |                           |                           | 1,036                     | 8,540                     | 7,328                     | 7,744                     | 8,313                     | 32,961                     |
| 4704702078 | 047         | 2078          |                           |                           |                           |                           |                           |                           | 7,766                     | 21,085                    | 13,943                    | 15,777                    | 14,645                    | 73,216                     |
| 4704702081 | 047         | 2081          |                           |                           |                           |                           |                           |                           | 5,129                     | 26,164                    | 31,388                    | 35,201                    | 32,785                    | 130,667                    |
| 4704702082 | 047         | 2082          |                           |                           |                           |                           |                           |                           | 12,150                    | 51,081                    | 43,221                    | 31,591                    | 31,084                    | 169,127                    |
| 4704702083 | 047         | 2083          |                           |                           |                           |                           |                           |                           | 15,431                    | 75,582                    | 64,728                    | 61,123                    | 49,084                    | 265,948                    |
| 4704702085 | 047         | 2085          |                           |                           |                           |                           |                           |                           | 11,707                    | 81,936                    | 74,923                    | 76,835                    | 67,047                    | 312,448                    |
| 4704702088 | 047         | 2088          |                           |                           |                           |                           |                           |                           | 5,592                     | 35,452                    | 33,624                    | 33,741                    | 36,881                    | 145,290                    |
| 4704702089 | 047         | 2089          |                           |                           |                           |                           |                           |                           |                           | 2,353                     | 8,135                     | 8,561                     | 10,403                    | 29,452                     |
| 4704702093 | 047         | 2093          |                           |                           |                           |                           |                           |                           | 6,496                     | 52,201                    | 43,716                    | 56,247                    | 48,959                    | 207,619                    |
| 4704702095 | 047         | 2095          |                           |                           |                           |                           |                           |                           |                           | 925                       | 4,506                     | 4,523                     | 4,364                     | 14,318                     |
| 4704702098 | 047         | 2098          |                           |                           |                           |                           |                           |                           |                           | 846                       | 1,394                     | 679                       | 6                         | 2,925                      |
| 4704702099 | 047         | 2099          |                           |                           |                           |                           |                           |                           |                           | 1,354                     | 4,405                     | 4,338                     | 1,487                     | 11,584                     |
| 4704702105 | 047         | 2105          |                           |                           |                           |                           |                           |                           |                           | 13,401                    | 9,617                     | 11,679                    | 18,288                    | 52,985                     |
| 4704702114 | 047         | 2114          |                           |                           |                           |                           |                           |                           |                           |                           | 2,070                     | 1,649                     | 1,550                     | 5,269                      |
| 4704702115 | 047         | 2115          |                           |                           |                           |                           |                           |                           |                           |                           | 7,230                     | 4,995                     | 4,931                     | 17,156                     |
| 4704702116 | 047         | 2116          |                           |                           |                           |                           |                           |                           |                           |                           | 12,916                    | 17,124                    | 17,604                    | 47,644                     |
| 4704702117 | 047         | 2117          |                           |                           |                           |                           |                           |                           |                           |                           | 9,673                     | 12,747                    | 15,750                    | 38,170                     |
| 4704702118 | 047         | 2118          |                           |                           |                           |                           |                           |                           |                           |                           | 4,139                     | 5,574                     | 11,982                    | 21,695                     |
| 4704702119 | 047         | 2119          |                           |                           |                           |                           |                           |                           |                           |                           | 7,602                     | 5,239                     | 4,549                     | 17,390                     |
| 4704702120 | 047         | 2120          |                           |                           |                           |                           |                           |                           |                           |                           | 16,065                    | 24,969                    | 16,998                    | 58,032                     |
| 4704702122 | 047         | 2122          |                           |                           |                           |                           |                           |                           |                           |                           | 8,553                     | 11,855                    | 21,676                    | 42,084                     |
| 4704702123 | 047         | 2123          |                           |                           |                           |                           |                           |                           |                           |                           | 9,934                     | 10,054                    | 13,049                    | 33,037                     |
| 4704702128 | 047         | 2128          |                           |                           |                           |                           |                           |                           |                           |                           | 10,913                    | 24,328                    | 22,537                    | 57,778                     |
| 4704702129 | 047         | 2129          |                           |                           |                           |                           |                           |                           |                           |                           | 9,329                     | 15,756                    | 14,848                    | 39,933                     |
| 4704702139 | 047         | 2139          |                           |                           |                           |                           |                           |                           |                           |                           | 7,379                     | 7,004                     | 12,397                    | 26,780                     |
| 4704702140 | 047         | 2140          |                           |                           |                           |                           |                           |                           |                           |                           | 9,062                     | 6,143                     | 4,963                     | 20,168                     |
| 4704702141 | 047         | 2141          |                           |                           |                           |                           |                           |                           |                           |                           | 14,161                    | 20,082                    | 1,142                     | 35,385                     |
| 4704702142 | 047         | 2142          |                           |                           |                           |                           |                           |                           |                           |                           | 3,850                     | 4,806                     | 6,801                     | 15,457                     |
| 4704702143 | 047         | 2143          |                           |                           |                           |                           |                           |                           |                           |                           | 4,707                     | 9,630                     | 13,985                    | 28,322                     |
| 4704702144 | 047         | 2144          |                           |                           |                           |                           |                           |                           |                           |                           | 7,335                     | 12,747                    | 13,272                    | 33,354                     |
| 4704702145 | 047         | 2145          |                           |                           |                           |                           |                           |                           |                           |                           | 6,698                     | 8,596                     | 6,971                     | 22,265                     |
| 4704702174 | 047         | 2174          |                           |                           |                           |                           |                           |                           |                           | 17,586                    | 28,873                    | 27,527                    | 25,691                    | 99,677                     |
| 4704702175 | 047         | 2175          |                           |                           |                           |                           |                           |                           |                           | 24,242                    | 39,129                    | 37,992                    | 38,584                    | 139,947                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 269-314 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays                                                 | Comments                                            |
|------------|-------------|---------------|------------|------------------------------------------------------|-----------------------------------------------------|
| 4704702033 | 047         | 2033          |            | Lit Raleigh A, Lit Raleigh, Beckely, Poca 3,2        | 10 months production 2006                           |
| 4704702041 | 047         | 2041          |            | Lit Raleigh, Beckley A, Poca 2,Squire Jim            | 8 months production 2006                            |
| 4704702048 | 047         | 2048          |            | 14 coals                                             | 7 months production 2005                            |
| 4704702050 | 047         | 2050          |            | 14 coals                                             | 7 months production 2005                            |
| 4704702051 | 047         | 2051          |            | 11 coals                                             | 6 months production 2005                            |
| 4704702056 | 047         | 2056          |            | 9 coals                                              | 6+ months production 2005                           |
| 4704702057 | 047         | 2057          |            | 14 coals                                             | 6+ months production 2005, need better location     |
| 4704702058 | 047         | 2058          |            | 12 coals                                             | 6+ months production 2005                           |
| 4704702060 | 047         | 2060          |            | 17 coals                                             | 6 months production 2005                            |
| 4704702063 | 047         | 2063          |            | 13 coals                                             | 6 months production 2005                            |
| 4704702068 | 047         | 2068          |            | 15 coals                                             | 5 months production 2006                            |
| 4704702069 | 047         | 2069          |            | 14 coals                                             | 5 months production 2005                            |
| 4704702070 | 047         | 2070          |            | 17 coals                                             | 5 months production 2005; frac permitted 08/04/2006 |
| 4704702073 | 047         | 2073          |            | 6 coals                                              | 3+ months production 2005                           |
| 4704702078 | 047         | 2078          |            | 8 coals                                              | 3+ months production 2005                           |
| 4704702081 | 047         | 2081          |            | 9 coals                                              | 3 months production 2005                            |
| 4704702082 | 047         | 2082          |            | 9 coals                                              | 3 months production 2005                            |
| 4704702083 | 047         | 2083          |            | 11 coals                                             | 3 months production 2005                            |
| 4704702085 | 047         | 2085          |            | 8 coals                                              | 2+ months production 2005                           |
| 4704702088 | 047         | 2088          |            | 8 coals                                              | 2 months production 2005                            |
| 4704702089 | 047         | 2089          |            | 12 coals                                             | 3 months production 2006                            |
| 4704702093 | 047         | 2093          |            | 9 coals                                              | 1+ month production 2005                            |
| 4704702095 | 047         | 2095          |            | as many as 7 coals?                                  | 5 months production 2006                            |
| 4704702098 | 047         | 2098          |            | as many as 7 coals?                                  | 6 months production 2006                            |
| 4704702099 | 047         | 2099          |            | as many as 5 coals?                                  | 5 months production 2006                            |
| 4704702105 | 047         | 2105          |            | 15 coals                                             |                                                     |
| 4704702114 | 047         | 2114          |            | Poca 9,4, Lwr Horsepen,Squire Jim, 4 other coals     | 8 months production 2007                            |
| 4704702115 | 047         | 2115          |            | 12 coals                                             | 10+ months production 2007                          |
| 4704702116 | 047         | 2116          |            | 11 coals                                             | 11+ months production 2007                          |
| 4704702117 | 047         | 2117          |            | 2 stage completion; 17 thin coals; 17.4 net ft. coal | 8 months production 2007                            |
| 4704702118 | 047         | 2118          |            | 8 coals                                              | 7+ months production 2007                           |
| 4704702119 | 047         | 2119          |            | 2 stage completion; 7 thin coals; 8.9 net ft. coal   | 11 months production 2007                           |
| 4704702120 | 047         | 2120          |            | 10 coals                                             | 11+ months production 2007                          |
| 4704702122 | 047         | 2122          |            | 5 stage completion                                   | 11 months production 2007                           |
| 4704702123 | 047         | 2123          |            | 3 stage completion, 14 thin coals; 13.1 net ft coal  | 11+ months production 2007                          |
| 4704702128 | 047         | 2128          |            | 18 coals, Poca/New River, 19.9 net feet              | 9 months production 2007                            |
| 4704702129 | 047         | 2129          |            | 3 stage completion; 14 thin coals; 15.1 net ft. coal | 7+ months production 2007                           |
| 4704702139 | 047         | 2139          |            | 21 coals                                             | 6+ mpnths production 2007                           |
| 4704702140 | 047         | 2140          |            | 11 coals                                             |                                                     |
| 4704702141 | 047         | 2141          |            | 13 coals                                             | 8+ months production 2007                           |
| 4704702142 | 047         | 2142          |            | 21 coals                                             | 7 months production 2007                            |
| 4704702143 | 047         | 2143          |            | 6 coals                                              | 9 months production 2007                            |
| 4704702144 | 047         | 2144          |            | 3 stage completion; 12 thin coals; 9.2 net ft. coal  | 7 months production 2007                            |
| 4704702145 | 047         | 2145          |            | 12 coals                                             | 11 months production 2007                           |
| 4704702174 | 047         | 2174          |            | 17 coals                                             | 10 months production 2006                           |
| 4704702175 | 047         | 2175          |            | 14 coals                                             | 10 months production 2006                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 315-360 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator             | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704702176 | 047         | 2176          | Geomet               |                     | 3/22/2006       | 372000            | 814730             | 1.83        | 1.00       | 428232.8             | 4129008.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702177 | 047         | 2177          | Geomet               |                     | 3/16/2006       | 372000            | 814730             | 1.58        | 1.02       | 428204.1             | 4129410.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702182 | 047         | 2182          | CNX Gas Co LLC       |                     | 11/22/2006      | 371730            | 814230             | 2.01        | 0.53       | 436354.3             | 4124247.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702185 | 047         | 2185          | CNX Gas Co LLC       |                     | 12/5/2006       | 371730            | 814230             | 1.73        | 0.82       | 435890.9             | 4124702.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702186 | 047         | 2186          | CNX Gas Co LLC       |                     | 7/7/2006        | 371730            | 814500             | 0.99        | 1.18       | 431626.4             | 4125926.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702187 | 047         | 2187          | CNX Gas Co LLC       |                     | 8/1/2006        | 371730            | 814500             | 1.01        | 0.94       | 432012.4             | 4125891.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702188 | 047         | 2188          | CNX Gas Co LLC       |                     | 8/4/2006        | 371730            | 814500             | 0.84        | 0.77       | 432288.2             | 4126162.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702189 | 047         | 2189          | CNX Gas Co LLC       |                     | 8/6/2006        | 371730            | 814500             | 0.63        | 0.62       | 432532.3             | 4126498.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702190 | 047         | 2190          | CNX Gas Co LLC       |                     | 11/7/2006       | 371730            | 814500             | 0.66        | 1.16       | 431662.8             | 4126457.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702191 | 047         | 2191          | CNX Gas Co LLC       |                     | 11/8/2006       | 371730            | 814500             | 0.52        | 1.00       | 431922.1             | 4126680.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702197 | 047         | 2197          | Geomet               |                     | 4/12/2006       | 371730            | 814730             | 0.23        | 1.36       | 427635.8             | 4126966.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702198 | 047         | 2198          | Geomet               |                     | 4/26/2005       | 371730            | 814730             | 0.08        | 1.66       | 427154.9             | 4127212.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702200 | 047         | 2200          | Geomet               |                     | 5/3/2006        | 371730            | 814730             | 0.15        | 0.15       | 429584.8             | 4127079.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702201 | 047         | 2201          | Geomet               |                     | 5/10/2006       | 372000            | 814730             | 2.61        | 0.06       | 429735.2             | 4127739.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702208 | 047         | 2208          | Geomet               |                     | 4/19/2006       | 371730            | 814730             | 0.52        | 0.99       | 428227.4             | 4126494.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702212 | 047         | 2212          | Geomet               |                     | 7/20/2006       | 372000            | 815000             | 2.78        | 0.07       | 426023.5             | 4127497.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702214 | 047         | 2214          | Geomet               |                     | 5/15/2006       | 372000            | 814730             | 2.49        | 2.14       | 426388.7             | 4127961.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702215 | 047         | 2215          | Geomet               |                     | 5/8/2006        | 372000            | 814500             | 1.59        | 1.51       | 431107.8             | 4129370.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702241 | 047         | 2241          | Geomet               |                     | 5/31/2006       | 372000            | 815000             | 1.24        | 1.19       | 424243.0             | 4129993.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702242 | 047         | 2242          | Geomet               |                     | 6/7/2006        | 372000            | 815000             | 1.58        | 1.55       | 423658.7             | 4129451.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702246 | 047         | 2246          | Geomet               |                     | 7/26/2006       | 371730            | 814730             | 0.70        | 1.24       | 427822.4             | 4126208.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702247 | 047         | 2247          | Geomet               |                     | 9/14/2006       | 372000            | 815000             | 1.10        | 0.99       | 424566.9             | 4130215.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702248 | 047         | 2248          | Geomet               |                     | 6/22/2006       | 372000            | 814730             | 1.57        | 2.22       | 426273.0             | 4129443.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702256 | 047         | 2256          | Geomet               |                     | 8/10/2006       | 372000            | 815000             | 1.97        | 0.29       | 425681.0             | 4128804.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702257 | 047         | 2257          | Geomet               |                     | 7/14/2006       | 372000            | 815000             | 1.82        | 0.44       | 425441.7             | 4129048.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702258 | 047         | 2258          | Geomet               |                     | 8/16/2006       | 372000            | 815000             | 2.11        | 0.48       | 425373.2             | 4128582.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702261 | 047         | 2261          | Northport Production |                     | 8/26/2006       | 372730            | 814730             | 0.99        | 0.18       | 429696.6             | 4144434.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702262 | 047         | 2262          | Northport Production |                     | 9/7/2006        | 372730            | 814730             | 1.24        | 0.12       | 429789.8             | 4144031.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702263 | 047         | 2263          | Northport Production |                     | 8/30/2006       | 372730            | 814730             | 0.71        | 0.26       | 429571.6             | 4144886.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702264 | 047         | 2264          | Geomet               |                     | 8/30/2006       | 372000            | 815000             | 1.94        | 0.07       | 426035.5             | 4128850.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702268 | 047         | 2268          | Geomet               |                     | 8/24/2006       | 372000            | 815000             | 1.94        | 0.28       | 425697.5             | 4128853.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702269 | 047         | 2269          | Geomet               |                     | 10/19/2006      | 372000            | 815000             | 0.93        | 0.84       | 424810.8             | 4130487.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702277 | 047         | 2277          | Geomet               |                     | 10/25/2006      | 372000            | 814730             | 0.89        | 2.10       | 426475.7             | 4130536.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702278 | 047         | 2278          | Geomet               |                     | 10/11/2006      | 372000            | 815000             | 0.68        | 0.50       | 425361.5             | 4130884.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702279 | 047         | 2279          | Geomet               |                     | 10/5/2006       | 372000            | 815000             | 0.43        | 0.61       | 425188.1             | 4131289.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702280 | 047         | 2280          | Geomet               |                     | 11/9/2006       | 372000            | 815000             | 1.79        | 1.26       | 424122.4             | 4129108.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702281 | 047         | 2281          | Geomet               |                     | 9/13/2006       | 372000            | 815000             | 0.91        | 1.62       | 423555.9             | 4130530.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702295 | 047         | 2295          | Geomet               |                     | 4/27/2007       | 372000            | 814730             | 1.21        | 1.70       | 427114.9             | 4130016.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702296 | 047         | 2296          | Geomet               |                     | 9/27/2006       | 371730            | 814730             | 0.67        | 2.06       | 426776.3             | 4126265.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702308 | 047         | 2308          | Geomet               |                     | 2/2/2007        | 371730            | 814730             | 0.38        | 0.17       | 429549.4             | 4126708.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702314 | 047         | 2314          | Geomet               |                     | 11/7/2006       | 372000            | 815000             | 1.95        | 0.97       | 424586.8             | 4128846.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702320 | 047         | 2320          | Geomet               |                     | 8/31/2007       | 372000            | 815000             | 0.63        | 0.15       | 425925.4             | 4130960.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702358 | 047         | 2358          | Geomet               |                     | 5/16/2007       | 372000            | 815000             | 0.61        | 0.73       | 424992.4             | 4131001.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702387 | 047         | 2387          | Geomet               |                     | 10/5/2007       | 372000            | 814730             | 0.40        | 1.69       | 427142.3             | 4131320.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702388 | 047         | 2388          | Geomet               |                     | 8/10/2007       | 372000            | 814730             | 0.10        | 1.05       | 428176.3             | 4131794.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702389 | 047         | 2389          | Geomet               |                     | 10/23/2007      | 372000            | 814730             | 0.09        | 2.24       | 426261.8             | 4131827.0             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 315-360 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704702176 | 047         | 2176          |                           |                           |                           |                           |                           |                           |                           | 31,288                    | 48,566                    | 54,430                    | 56,153                    | 190,437                    |
| 4704702177 | 047         | 2177          |                           |                           |                           |                           |                           |                           |                           | 20,624                    | 45,101                    | 51,225                    | 46,897                    | 163,847                    |
| 4704702182 | 047         | 2182          |                           |                           |                           |                           |                           |                           |                           |                           | 6,105                     | 6,115                     | 5,946                     | 18,166                     |
| 4704702185 | 047         | 2185          |                           |                           |                           |                           |                           |                           |                           |                           | 4,630                     | 4,601                     | 5,290                     | 14,521                     |
| 4704702186 | 047         | 2186          |                           |                           |                           |                           |                           |                           |                           |                           | 8,360                     | 19,002                    | 19,509                    | 46,871                     |
| 4704702187 | 047         | 2187          |                           |                           |                           |                           |                           |                           |                           |                           | 40,161                    | 26,327                    | 18,421                    | 84,909                     |
| 4704702188 | 047         | 2188          |                           |                           |                           |                           |                           |                           |                           |                           | 4,326                     | 3,257                     | 2,650                     | 10,233                     |
| 4704702189 | 047         | 2189          |                           |                           |                           |                           |                           |                           |                           |                           | 3,626                     | 4,690                     | 4,995                     | 13,311                     |
| 4704702190 | 047         | 2190          |                           |                           |                           |                           |                           |                           |                           |                           | 8,101                     | 8,310                     | 11,234                    | 27,645                     |
| 4704702191 | 047         | 2191          |                           |                           |                           |                           |                           |                           |                           |                           | 6,545                     | 12,620                    | 13,497                    | 32,662                     |
| 4704702197 | 047         | 2197          |                           |                           |                           |                           |                           |                           |                           | 25,670                    | 56,104                    | 50,045                    | 45,519                    | 177,338                    |
| 4704702198 | 047         | 2198          |                           |                           |                           |                           |                           |                           |                           | 17,791                    | 46,726                    | 44,930                    | 43,155                    | 152,602                    |
| 4704702200 | 047         | 2200          |                           |                           |                           |                           |                           |                           |                           | 30,938                    | 60,472                    | 52,644                    | 46,676                    | 190,730                    |
| 4704702201 | 047         | 2201          |                           |                           |                           |                           |                           |                           |                           | 10,941                    | 31,541                    | 30,169                    | 28,674                    | 101,325                    |
| 4704702208 | 047         | 2208          |                           |                           |                           |                           |                           |                           |                           | 24,760                    | 46,709                    | 50,707                    | 53,924                    | 176,100                    |
| 4704702212 | 047         | 2212          |                           |                           |                           |                           |                           |                           |                           | 6,489                     | 16,645                    | 13,443                    | 13,354                    | 49,931                     |
| 4704702214 | 047         | 2214          |                           |                           |                           |                           |                           |                           |                           | 6,405                     | 11,427                    | 10,191                    | 12,065                    | 40,088                     |
| 4704702215 | 047         | 2215          |                           |                           |                           |                           |                           |                           |                           | 4,983                     | 8,713                     | 7,492                     | 6,487                     | 27,675                     |
| 4704702241 | 047         | 2241          |                           |                           |                           |                           |                           |                           |                           | 9,114                     | 16,150                    | 17,363                    | 19,094                    | 61,721                     |
| 4704702242 | 047         | 2242          |                           |                           |                           |                           |                           |                           |                           | 20,535                    | 40,033                    | 62,901                    | 55,214                    | 178,683                    |
| 4704702246 | 047         | 2246          |                           |                           |                           |                           |                           |                           |                           | 7,041                     | 25,717                    | 24,561                    | 23,750                    | 81,069                     |
| 4704702247 | 047         | 2247          |                           |                           |                           |                           |                           |                           |                           | 3,724                     | 21,767                    | 17,397                    | 14,107                    | 56,995                     |
| 4704702248 | 047         | 2248          |                           |                           |                           |                           |                           |                           |                           | 19,679                    | 44,755                    | 44,755                    | 36,703                    | 145,892                    |
| 4704702256 | 047         | 2256          |                           |                           |                           |                           |                           |                           |                           | 6,218                     | 22,560                    | 22,543                    | 18,853                    | 70,174                     |
| 4704702257 | 047         | 2257          |                           |                           |                           |                           |                           |                           |                           | 13,315                    | 18,600                    | 35,659                    | 49,448                    | 117,022                    |
| 4704702258 | 047         | 2258          |                           |                           |                           |                           |                           |                           |                           | 4,817                     | 14,317                    | 17,159                    | 25,251                    | 61,544                     |
| 4704702261 | 047         | 2261          |                           |                           |                           |                           |                           |                           |                           | 0                         |                           | 6,088                     | 870                       | 6,958                      |
| 4704702262 | 047         | 2262          |                           |                           |                           |                           |                           |                           |                           | 0                         |                           | 4,845                     | 671                       | 5,516                      |
| 4704702263 | 047         | 2263          |                           |                           |                           |                           |                           |                           |                           | 0                         |                           | 8,379                     | 5,688                     | 14,067                     |
| 4704702264 | 047         | 2264          |                           |                           |                           |                           |                           |                           |                           | 7,792                     | 27,055                    | 29,138                    | 24,344                    | 88,329                     |
| 4704702268 | 047         | 2268          |                           |                           |                           |                           |                           |                           |                           | 2,583                     | 15,199                    | 17,246                    | 17,407                    | 52,435                     |
| 4704702269 | 047         | 2269          |                           |                           |                           |                           |                           |                           |                           | 2,287                     | 14,610                    | 15,436                    | 13,862                    | 46,195                     |
| 4704702277 | 047         | 2277          |                           |                           |                           |                           |                           |                           |                           | 1,648                     | 14,861                    | 14,427                    | 16,174                    | 47,110                     |
| 4704702278 | 047         | 2278          |                           |                           |                           |                           |                           |                           |                           | 2,933                     | 21,159                    | 18,644                    | 14,964                    | 57,700                     |
| 4704702279 | 047         | 2279          |                           |                           |                           |                           |                           |                           |                           | 5,547                     | 23,296                    | 24,422                    | 22,004                    | 75,269                     |
| 4704702280 | 047         | 2280          |                           |                           |                           |                           |                           |                           |                           | 4,975                     | 40,475                    | 47,341                    | 53,820                    | 146,611                    |
| 4704702281 | 047         | 2281          |                           |                           |                           |                           |                           |                           |                           | 6,443                     | 31,920                    | 31,148                    | 24,568                    | 94,079                     |
| 4704702295 | 047         | 2295          |                           |                           |                           |                           |                           |                           |                           |                           | 54,590                    | 76,985                    | 56,583                    | 188,158                    |
| 4704702296 | 047         | 2296          |                           |                           |                           |                           |                           |                           |                           | 5,499                     | 35,729                    | 45,991                    | 43,458                    | 130,677                    |
| 4704702308 | 047         | 2308          |                           |                           |                           |                           |                           |                           |                           |                           | 30,498                    | 39,907                    | 35,375                    | 105,780                    |
| 4704702314 | 047         | 2314          |                           |                           |                           |                           |                           |                           |                           | 3,556                     | 24,057                    | 26,840                    | 39,927                    | 94,380                     |
| 4704702320 | 047         | 2320          |                           |                           |                           |                           |                           |                           |                           |                           | 5,366                     | 42,244                    | 47,826                    | 95,436                     |
| 4704702358 | 047         | 2358          |                           |                           |                           |                           |                           |                           |                           |                           | 8,460                     | 19,049                    | 20,275                    | 47,784                     |
| 4704702387 | 047         | 2387          |                           |                           |                           |                           |                           |                           |                           |                           | 1,913                     | 13,720                    | 13,684                    | 29,317                     |
| 4704702388 | 047         | 2388          |                           |                           |                           |                           |                           |                           |                           |                           | 1,952                     | 6,345                     | 10,395                    | 18,692                     |
| 4704702389 | 047         | 2389          |                           |                           |                           |                           |                           |                           |                           |                           | 955                       | 13,451                    | 15,949                    | 30,355                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 315-360 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays                                                            | Comments                   |
|------------|-------------|---------------|------------|-----------------------------------------------------------------|----------------------------|
| 4704702176 | 047         | 2176          |            | 14 coals                                                        | 9 months production 2006   |
| 4704702177 | 047         | 2177          |            | 16 coals                                                        | 10 months production 2006  |
| 4704702182 | 047         | 2182          |            | 7 coals                                                         | 11 months production 2007  |
| 4704702185 | 047         | 2185          |            | no details                                                      | 8+ months productionm 2007 |
| 4704702186 | 047         | 2186          |            | Lwr Horsepen, Mid Horsepen                                      | 9 months production 2007   |
| 4704702187 | 047         | 2187          |            | Squire Jim, Poca 4,3,2, 3, Mid Horsepen, Lwr Seaboard, Poca 2,1 | 9+ months production 2007  |
| 4704702188 | 047         | 2188          |            | 12 coals                                                        | 9 months production 2007   |
| 4704702189 | 047         | 2189          |            | 8 coals                                                         | 9+ months production 2007  |
| 4704702190 | 047         | 2190          |            | 15 coals                                                        | 9 months production 2007   |
| 4704702191 | 047         | 2191          |            | 14 coals                                                        | 9 months production 2007   |
| 4704702197 | 047         | 2197          |            | 21 coals                                                        | 8 months production 2006   |
| 4704702198 | 047         | 2198          |            | 13 coals                                                        | 7 months production 2006   |
| 4704702200 | 047         | 2200          |            | 21 coals                                                        | 7 months production 2006   |
| 4704702201 | 047         | 2201          |            | 16 coals                                                        | 7 months production 2006   |
| 4704702208 | 047         | 2208          |            | 21 coals                                                        | 8 months production 2006   |
| 4704702212 | 047         | 2212          |            | 21 coals                                                        | 7 months production 2006   |
| 4704702214 | 047         | 2214          |            | 15 coals                                                        | 7 months production 2006   |
| 4704702215 | 047         | 2215          |            | 16 coals                                                        | 7 months production 2006   |
| 4704702241 | 047         | 2241          |            | 16 coals                                                        | 6 months production 2006   |
| 4704702242 | 047         | 2242          |            | 18 coals                                                        | 6+ months production 2006  |
| 4704702246 | 047         | 2246          |            | 18 coals                                                        | 5 months production 2006   |
| 4704702247 | 047         | 2247          |            | 10 coals                                                        | 3+ months production 2006  |
| 4704702248 | 047         | 2248          |            | 16 coals                                                        | 6 months production 2006   |
| 4704702256 | 047         | 2256          |            | 14 coals                                                        | 4+ months production 2006  |
| 4704702257 | 047         | 2257          |            | 23 coals                                                        | 5+ months production 2006  |
| 4704702258 | 047         | 2258          |            | 19 coals                                                        | 5+ months production 2006  |
| 4704702261 | 047         | 2261          |            | LitRaiA, LitRai, Beck, Poca 3,2                                 | 2 months production 2009   |
| 4704702262 | 047         | 2262          |            | Squire Jim, Poca 3,2, BeckA, LitRai                             | 2 months production 2009   |
| 4704702263 | 047         | 2263          |            | Poca 3,2, Beck, LitRai, LitRaiA                                 | 8 months production 2009   |
| 4704702264 | 047         | 2264          |            | 10 coals                                                        | 4 months production 2006   |
| 4704702268 | 047         | 2268          |            | 14 coals                                                        | 3 months production 2006   |
| 4704702269 | 047         | 2269          |            | 14 coals                                                        | 2+ months production 2006  |
| 4704702277 | 047         | 2277          |            | 13 coals                                                        | 2 months production 2006   |
| 4704702278 | 047         | 2278          |            | 5 coals                                                         | 3 months production 2006   |
| 4704702279 | 047         | 2279          |            | 13 coals                                                        | 3 months production 2006   |
| 4704702280 | 047         | 2280          |            | 9 coals                                                         | 1 month production 2006    |
| 4704702281 | 047         | 2281          |            | 14 coals                                                        | 3 months production 2006   |
| 4704702295 | 047         | 2295          |            | 14 coals                                                        | 8 months production 2007   |
| 4704702296 | 047         | 2296          |            | 18 coals                                                        | 3 months production 2006   |
| 4704702308 | 047         | 2308          |            | 19 coals                                                        | 11 months production 2007  |
| 4704702314 | 047         | 2314          |            | 10 coals                                                        | 2+ months production 2006  |
| 4704702320 | 047         | 2320          |            | 11 coals                                                        | 3 months production 2007   |
| 4704702358 | 047         | 2358          |            | 15 coals                                                        | 7 months production 2007   |
| 4704702387 | 047         | 2387          |            | 7 coals                                                         | 2 months production 2007   |
| 4704702388 | 047         | 2388          |            | 7 coals                                                         | 4+ months production 2007  |
| 4704702389 | 047         | 2389          |            | 20 coals                                                        | 2 months production 2007   |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 361-406 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator                | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|-------------------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704702390 | 047         | 2390          | Geomet                  |                     | 9/14/2007       | 372000            | 814730             | 0.11        | 1.87       | 426856.8             | 4131789.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702391 | 047         | 2391          | Geomet                  |                     | 7/20/2007       | 372230            | 815000             | 2.58        | 2.25       | 422560.0             | 4132473.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702392 | 047         | 2392          | Geomet                  |                     | 5/30/2007       | 372230            | 815000             | 2.35        | 1.82       | 423255.2             | 4132837.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702394 | 047         | 2394          | Geomet                  |                     | 7/27/2007       | 372000            | 814730             | 0.34        | 1.05       | 428172.9             | 4131407.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702395 | 047         | 2395          | Geomet                  |                     | 8/3/2007        | 372000            | 815230             | 2.77        | 1.07       | 420764.4             | 4132184.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702396 | 047         | 2396          | Geomet                  |                     | 8/24/2007       | 372000            | 815230             | 0.12        | 1.04       | 420809.3             | 4131828.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702419 | 047         | 2419          | Geomet                  |                     | 4/17/2008       | 372000            | 814730             | 0.20        | 1.47       | 427499.1             | 4131639.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702420 | 047         | 2420          | Geomet                  |                     | 10/30/2007      | 372000            | 815000             | 0.02        | 0.37       | 425580.1             | 4131945.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702421 | 047         | 2421          | Geomet                  |                     | 10/29/2007      | 372230            | 815000             | 2.72        | 0.49       | 425389.5             | 4132222.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702424 | 047         | 2424          | Equitable Production Co | EQT Production Co   | 8/23/2007       | 372500            | 814230             | 1.21        | 0.84       | 435951.7             | 4139189.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702425 | 047         | 2425          | Equitable Production Co | EQT Production Co   | 7/17/2007       | 372230            | 815000             | 2.79        | 1.92       | 423087.8             | 4132130.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702426 | 047         | 2426          | Equitable Production Co |                     | 8/29/2007       | 372230            | 815000             | 2.77        | 1.35       | 424005.2             | 4132154.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702427 | 047         | 2427          | Equitable Production Co | EQT Production Co   | 7/23/2007       | 372230            | 815000             | 2.38        | 1.35       | 424010.9             | 4132782.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702429 | 047         | 2429          | Dart Oil & Gas Corp     | CNX Gas Co LLC      | 8/24/2007       | 372500            | 814230             | 0.08        | 0.38       | 436706.2             | 4141003.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702430 | 047         | 2430          | Dart Oil & Gas Corp     | CNX Gas Co LLC      | 9/26/2007       | 372500            | 814230             | 0.85        | 0.50       | 436503.6             | 4139764.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702432 | 047         | 2432          | Dart Oil & Gas Corp     | CNX Gas Co LLC      | 9/22/2007       | 372500            | 814230             | 1.21        | 0.84       | 435951.7             | 4139189.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702433 | 047         | 2433          | Dart Oil & Gas Corp     | CNX Gas Co LLC      | 9/5/2007        | 372500            | 814230             | 1.41        | 0.10       | 437140.8             | 4138858.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702434 | 047         | 2434          | Dart Oil & Gas Corp     | CNX Gas Co LLC      | 8/27/2007       | 372500            | 814230             | 1.12        | 0.32       | 436790.1             | 4139327.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702435 | 047         | 2435          | Geomet                  |                     | 11/12/2007      | 372230            | 815000             | 2.80        | 0.15       | 425935.4             | 4132088.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702436 | 047         | 2436          | Geomet                  |                     | 11/5/2007       | 372000            | 815000             | 0.06        | 0.57       | 425257.8             | 4131884.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702444 | 047         | 2444          | Equitable Production Co | EQT Production Co   | 10/16/2007      | 372000            | 815000             | 0.67        | 1.45       | 423833.0             | 4130914.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702446 | 047         | 2446          | Dart Oil & Gas Corp     | CNX Gas Co LLC      | 9/19/2007       | 372500            | 814230             | 1.48        | 0.06       | 436334.8             | 4138751.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702448 | 047         | 2448          | Equitable Production Co | EQT Production Co   | 8/31/2007       | 372000            | 815000             | 0.02        | 1.73       | 433392.0             | 4131965.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702449 | 047         | 2449          | Equitable Production Co | EQT Production Co   | 1/11/2008       | 372000            | 815000             | 0.10        | 1.23       | 424195.3             | 4131829.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702462 | 047         | 2462          | Equitable Production Co | EQT Production Co   | 10/8/2007       | 372230            | 815000             | 2.60        | 1.18       | 424281.1             | 4132425.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702463 | 047         | 2463          | Equitable Production Co | EQT Production Co   | 1/3/2008        | 372000            | 815000             | 0.04        | 1.52       | 423729.6             | 4131930.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702464 | 047         | 2464          | Equitable Production Co | EQT Production Co   | 10/24/2007      | 372000            | 815000             | 0.13        | 1.89       | 423133.0             | 4131790.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702465 | 047         | 2465          | Dart Oil & Gas Corp     | CNX Gas Co LLC      | 11/12/2007      | 372500            | 814000             | 1.49        | 1.36       | 438799.2             | 4138717.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702472 | 047         | 2472          | Geomet                  |                     | 10/19/2007      | 372000            | 815000             | 0.17        | 0.72       | 425014.8             | 4131709.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702510 | 047         | 2510          | Equitable Production Co | EQT Production Co   | 1/17/2008       | 372230            | 815000             | 2.60        | 1.32       | 424055.9             | 4132427.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702522 | 047         | 2522          | CNX Gas Co LLC          |                     | 5/19/2008       | 371730            | 814230             | 2.07        | 0.75       | 435982.1             | 4123936.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702523 | 047         | 2523          | CNX Gas Co LLC          |                     | 5/22/2008       | 371730            | 814230             | 0.04        | 1.64       | 434242.6             | 4122593.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702556 | 047         | 2556          | Geomet                  |                     | 8/28/2008       | 372000            | 815000             | 0.88        | 0.60       | 425197.7             | 4130564.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702557 | 047         | 2557          | Geomet                  |                     | 8/29/2008       | 371730            | 814730             | 0.44        | 2.28       | 426151.7             | 4126641.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702584 | 047         | 2584          | Geomet                  |                     | 7/31/2008       | 372000            | 814730             | 1.21        | 1.34       | 427694.2             | 4130011.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702591 | 047         | 2591          | Geomet                  |                     | 8/7/2008        | 371730            | 815000             | 0.24        | 0.52       | 425294.4             | 4126971.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702592 | 047         | 2592          | Geomet                  |                     | 8/21/2008       | 371730            | 815000             | 0.13        | 0.87       | 424732.5             | 4127153.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702595 | 047         | 2595          | Geomet                  |                     | 7/25/2008       | 371730            | 814730             | 0.76        | 1.90       | 426759.0             | 4126120.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704702596 | 047         | 2596          | Geomet                  |                     | 9/18/2008       | 371730            | 814730             | 0.27        | 2.20       | 426282.9             | 4126914.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702612 | 047         | 2612          | Geomet                  |                     | 9/19/2008       | 372000            | 815000             | 0.80        | 0.32       | 425649.4             | 4130689.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702613 | 047         | 2613          | Geomet                  |                     | 9/12/2008       | 372000            | 815000             | 1.11        | 0.75       | 424953.0             | 4130196.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702614 | 047         | 2614          | Geomet                  |                     | 8/14/2008       | 372000            | 815000             | 1.37        | 1.07       | 424434.3             | 4129782.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702615 | 047         | 2615          | Geomet                  |                     | 8/1/2008        | 372000            | 814730             | 0.97        | 1.29       | 427778.0             | 4130396.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702625 | 047         | 2625          | Geomet                  |                     | 10/2/2008       | 371730            | 814730             | 0.74        | 1.44       | 424799.9             | 4126146.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702627 | 047         | 2627          | Geomet                  |                     | 10/10/2008      | 372000            | 814730             | 0.71        | 2.29       | 426172.5             | 4130829.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702629 | 047         | 2629          | Geomet                  |                     | 10/3/2008       | 372000            | 815000             | 0.44        | 0.18       | 425879.8             | 4131266.8             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 361-406 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704702390 | 047         | 2390          |                           |                           |                           |                           |                           |                           |                           |                           | 470                       | 2,331                     | 2,838                     | 5,639                      |
| 4704702391 | 047         | 2391          |                           |                           |                           |                           |                           |                           |                           |                           | 3,754                     | 12,688                    | 12,476                    | 28,918                     |
| 4704702392 | 047         | 2392          |                           |                           |                           |                           |                           |                           |                           |                           | 777                       | 8,896                     | 13,570                    | 23,243                     |
| 4704702394 | 047         | 2394          |                           |                           |                           |                           |                           |                           |                           |                           | 2,462                     | 6,662                     | 7,550                     | 16,674                     |
| 4704702395 | 047         | 2395          |                           |                           |                           |                           |                           |                           |                           |                           | 1,799                     | 10,998                    | 15,681                    | 28,478                     |
| 4704702396 | 047         | 2396          |                           |                           |                           |                           |                           |                           |                           |                           | 2,610                     | 11,335                    | 16,955                    | 30,900                     |
| 4704702419 | 047         | 2419          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 11,572                    | 14,327                    | 25,899                     |
| 4704702420 | 047         | 2420          |                           |                           |                           |                           |                           |                           |                           |                           | 2,423                     | 12,240                    | 10,770                    | 25,433                     |
| 4704702421 | 047         | 2421          |                           |                           |                           |                           |                           |                           |                           |                           | 10,056                    | 13,905                    | 0                         | 23,961                     |
| 4704702424 | 047         | 2424          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 1,257                     | 10,675                    | 11,932                     |
| 4704702425 | 047         | 2425          |                           |                           |                           |                           |                           |                           |                           |                           | 4,398                     | 11,000                    | 7,282                     | 22,680                     |
| 4704702426 | 047         | 2426          |                           |                           |                           |                           |                           |                           |                           |                           | 2,994                     | 7,009                     | 5,937                     | 15,940                     |
| 4704702427 | 047         | 2427          |                           |                           |                           |                           |                           |                           |                           |                           | 0                         | 12,901                    | 14,554                    | 27,455                     |
| 4704702429 | 047         | 2429          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 6,761                     | 11,807                    | 18,568                     |
| 4704702430 | 047         | 2430          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 2,229                     | 3,947                     | 6,176                      |
| 4704702432 | 047         | 2432          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 1,257                     | 4,990                     | 6,247                      |
| 4704702433 | 047         | 2433          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 3,722                     | 5,555                     | 9,277                      |
| 4704702434 | 047         | 2434          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 2,070                     | 3,193                     | 5,263                      |
| 4704702435 | 047         | 2435          |                           |                           |                           |                           |                           |                           |                           |                           | 1,739                     | 15,359                    | 16,079                    | 33,177                     |
| 4704702436 | 047         | 2436          |                           |                           |                           |                           |                           |                           |                           |                           | 1,244                     | 4,503                     | 5,598                     | 11,345                     |
| 4704702444 | 047         | 2444          |                           |                           |                           |                           |                           |                           |                           |                           | 1,362                     | 4,103                     | 3,650                     | 9,115                      |
| 4704702446 | 047         | 2446          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 3,206                     | 10,871                    | 14,077                     |
| 4704702448 | 047         | 2448          |                           |                           |                           |                           |                           |                           |                           |                           | 8,399                     | 25,280                    | 20,471                    | 54,150                     |
| 4704702449 | 047         | 2449          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 13,222                    | 3,662                     | 16,884                     |
| 4704702462 | 047         | 2462          |                           |                           |                           |                           |                           |                           |                           |                           | 0                         | 3,284                     | 7,864                     | 11,148                     |
| 4704702463 | 047         | 2463          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 17,172                    | 12,049                    | 29,221                     |
| 4704702464 | 047         | 2464          |                           |                           |                           |                           |                           |                           |                           |                           | 0                         | 17,763                    | 13,945                    | 31,708                     |
| 4704702465 | 047         | 2465          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 1,276                     | 788                       | 2,064                      |
| 4704702472 | 047         | 2472          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 10,183                    | 6,313                     | 16,496                     |
| 4704702510 | 047         | 2510          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 15,885                    | 9,052                     | 24,937                     |
| 4704702522 | 047         | 2522          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 2,187                     | 3,887                     | 6,074                      |
| 4704702523 | 047         | 2523          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 3,761                     | 16,224                    | 19,985                     |
| 4704702556 | 047         | 2556          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 6,007                     | 34,499                    | 40,506                     |
| 4704702557 | 047         | 2557          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 1,724                     | 16,389                    | 18,113                     |
| 4704702584 | 047         | 2584          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 9,104                     | 35,837                    | 44,941                     |
| 4704702591 | 047         | 2591          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 13,425                    | 56,402                    | 69,827                     |
| 4704702592 | 047         | 2592          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 5,550                     | 20,430                    | 25,980                     |
| 4704702595 | 047         | 2595          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 17,756                    | 56,545                    | 74,301                     |
| 4704702596 | 047         | 2596          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 2,222                     | 14,495                    | 16,717                     |
| 4704702612 | 047         | 2612          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 3,441                     | 31,439                    | 34,880                     |
| 4704702613 | 047         | 2613          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 5,194                     | 38,642                    | 43,836                     |
| 4704702614 | 047         | 2614          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 5,953                     | 34,399                    | 40,352                     |
| 4704702615 | 047         | 2615          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 18,098                    | 61,588                    | 79,686                     |
| 4704702625 | 047         | 2625          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 7,384                     | 33,409                    | 40,793                     |
| 4704702627 | 047         | 2627          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 1,869                     | 12,971                    | 14,840                     |
| 4704702629 | 047         | 2629          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 2,394                     | 15,518                    | 17,912                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 361-406 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays                                                                         | Comments                                                                  |
|------------|-------------|---------------|------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 4704702390 | 047         | 2390          |            | 9 coals                                                                      | 2 months production 2007                                                  |
| 4704702391 | 047         | 2391          |            | 10 coals                                                                     | 5 months production 2007                                                  |
| 4704702392 | 047         | 2392          |            | 10 coals                                                                     | 1 month production 2007                                                   |
| 4704702394 | 047         | 2394          |            | 7 coals                                                                      | 4 months production 2007                                                  |
| 4704702395 | 047         | 2395          |            | 11 coals                                                                     | 2 months production 2007                                                  |
| 4704702396 | 047         | 2396          |            | 10 coals                                                                     | 2 months production 2007                                                  |
| 4704702419 | 047         | 2419          |            | 8 coals                                                                      | 8+ months production 2008                                                 |
| 4704702420 | 047         | 2420          |            | 12 coals                                                                     | 1+ month production 2007                                                  |
| 4704702421 | 047         | 2421          |            | 14 coals                                                                     | 2 production records for 2007; added 2 together; 4 months production 2007 |
| 4704702424 | 047         | 2424          |            | SewellB, SewellA, Lit Raleigh, Beckley, Lwr FireCk, FireCk, Poca 7,6,5,4,3,2 | 3+ months production 2008                                                 |
| 4704702425 | 047         | 2425          |            | Beck, Lit Raleigh, Lwr FireCk, Poca 9, 6,4,2,1                               | 4+ months production 2007                                                 |
| 4704702426 | 047         | 2426          |            | Beck, Lwr FireCk, Poca 7,6,5,4,3,2,1                                         | 2+ months production 2007                                                 |
| 4704702427 | 047         | 2427          |            | Beck, Raleigh, Lwr FireCk, Poca 9,7,5,4,3,2,1                                |                                                                           |
| 4704702429 | 047         | 2429          |            | Poca 4,3,1                                                                   | 5+ months production 2008                                                 |
| 4704702430 | 047         | 2430          |            | Sewell, Lit Raleigh, Beckley, FireCk, Poca 7,6,5,4,3,2,1                     | 4 months production 2008                                                  |
| 4704702432 | 047         | 2432          |            | 7 coals                                                                      | 3+ months production 2008                                                 |
| 4704702433 | 047         | 2433          |            | Poca 7,5,4,3,2                                                               | 5+ months production 2008                                                 |
| 4704702434 | 047         | 2434          |            | Poca 7,5,3,2                                                                 | 6 months production 2007                                                  |
| 4704702435 | 047         | 2435          |            | 16 coals                                                                     | 1 month production 2007                                                   |
| 4704702436 | 047         | 2436          |            | 11 coals                                                                     | 1 month production 2007                                                   |
| 4704702444 | 047         | 2444          |            | Lwr FireCk, FireCk, Poca 9,6,5,4,3,2,1                                       | 1+ month production 2007                                                  |
| 4704702446 | 047         | 2446          |            | 19 coals                                                                     | 4 months production 2008                                                  |
| 4704702448 | 047         | 2448          |            | Lwr FireCk, FireCk, Poca 7Rider,6,5,4,3,2,1                                  | 3+ months production 2007                                                 |
| 4704702449 | 047         | 2449          |            | Lwr FireCk, FireCk, Poca 8,7,6,4,3,2,1, Squire Jim                           | 11+ months production 2008                                                |
| 4704702462 | 047         | 2462          |            | Beck, Lwr FireCk, FireCk, Poca 7,5,4,3,2,1                                   | 8+ months production 2008                                                 |
| 4704702463 | 047         | 2463          |            | Beck, FireCk, Poca 9,7,6,5,3,2,1                                             | 11+ months production 2008                                                |
| 4704702464 | 047         | 2464          |            | Beck, Raleigh, Welch,Lwr FireCk, Poca 9,7,5,4,3,2,1                          |                                                                           |
| 4704702465 | 047         | 2465          |            | Poca 4,3                                                                     | 5+ months production 2008                                                 |
| 4704702472 | 047         | 2472          |            | 6 coals                                                                      |                                                                           |
| 4704702510 | 047         | 2510          |            | Beck, Lwr FireCk, Poca 9,6,5,4,3,2,1, Squire Jim                             | 11+ months production 2008                                                |
| 4704702522 | 047         | 2522          |            |                                                                              | 3+ months production 2008                                                 |
| 4704702523 | 047         | 2523          |            |                                                                              | 2+ months production 2008                                                 |
| 4704702556 | 047         | 2556          |            | 12 coals                                                                     | 3+ months production 2008                                                 |
| 4704702557 | 047         | 2557          |            | 19 coals                                                                     | 2+ months production 2008                                                 |
| 4704702584 | 047         | 2584          |            | 13 coals                                                                     | 4+ months production 2008                                                 |
| 4704702591 | 047         | 2591          |            | 17 coals                                                                     | 3+ months production 2008                                                 |
| 4704702592 | 047         | 2592          |            | 17 coals                                                                     | 3+ months production 2008                                                 |
| 4704702595 | 047         | 2595          |            | 23 coals                                                                     | 5+ months production 2008                                                 |
| 4704702596 | 047         | 2596          |            | 10 coals                                                                     | 2+ months production 2008                                                 |
| 4704702612 | 047         | 2612          |            | 9 coals                                                                      | 2+ months production 2008                                                 |
| 4704702613 | 047         | 2613          |            | 13 coals                                                                     | 3 months production 2008                                                  |
| 4704702614 | 047         | 2614          |            | 12 coals                                                                     | 3+ months production 2008                                                 |
| 4704702615 | 047         | 2615          |            | 17 coals                                                                     | 4+ months production 2008                                                 |
| 4704702625 | 047         | 2625          |            | 20 coals                                                                     | 2+ months production 2008; 2 records, added together                      |
| 4704702627 | 047         | 2627          |            | 8 coals                                                                      | 2+ months production 2008                                                 |
| 4704702629 | 047         | 2629          |            | 16 coals                                                                     | 2+ months production 2008                                                 |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 407-452 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator             | Subsequent Operator  | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|----------------------|----------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4704702630 | 047         | 2630          | Geomet               |                      | 10/9/2008       | 372000            | 814730             | 0.54        | 2.23       | 426271.5             | 4131102.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704702631 | 047         | 2631          | CNX Gas Co LLC       |                      | 9/4/2008        | 373000            | 814500             | 0.18        | 0.41       | 433043.7             | 4150116.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704702632 | 047         | 2632          | CNX Gas Co LLC       |                      | 8/27/2008       | 373000            | 814230             | 0.77        | 1.25       | 435368.8             | 4149148.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702633 | 047         | 2633          | CNX Gas Co LLC       |                      | 10/21/2008      | 372730            | 814230             | 2.86        | 1.75       | 434501.9             | 4141166.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704702634 | 047         | 2634          | CNX Gas Co LLC       |                      | 10/24/2008      | 372730            | 814230             | 2.82        | 1.03       | 435661.4             | 4141221.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704702635 | 047         | 2635          | CNX Gas Co LLC       |                      | 11/5/2008       | 372730            | 814230             | 2.51        | 0.93       | 435826.3             | 4141719.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704702636 | 047         | 2636          | CNX Gas Co LLC       |                      | 10/7/2008       | 372500            | 814230             | 0.85        | 0.29       | 436841.7             | 4139762.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704702637 | 047         | 2637          | CNX Gas Co LLC       |                      | 10/10/2008      | 372500            | 814230             | 0.27        | 1.06       | 435609.2             | 4140705.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704702638 | 047         | 2638          | CNX Gas Co LLC       |                      | 10/15/2008      | 372500            | 814230             | 0.16        | 1.48       | 434934.4             | 4140888.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704702655 | 047         | 2655          | Geomet               |                      | 12/5/2008       | 372000            | 814730             | 2.04        | 0.06       | 429742.9             | 4128657.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704702657 | 047         | 2657          | Geomet               |                      | 11/25/2008      | 372000            | 814500             | 2.21        | 0.92       | 432049.2             | 4128364.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704901097 | 049         | 1097          | Exploration Partners |                      | no record       | 394000            | 802500             | 2.65        | 0.41       | 549419.2             | 4386664.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704901291 | 049         | 1291          | Exploration Partners |                      | 3/23/2001       | 394000            | 802500             | 2.69        | 0.40       | 549419.8             | 4386377.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704901367 | 049         | 1367          | Invitation Energy    | Exploration Partners |                 | 393500            | 801230             | 0.72        | 1.16       | 566112.9             | 4380415.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704901394 | 049         | 1394          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 0.95        | 0.74       | 556037.4             | 4384590.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704901395 | 049         | 1395          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.09        | 0.77       | 555991.3             | 4384373.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704901396 | 049         | 1396          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.26        | 0.79       | 555969.4             | 4384096.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704901397 | 049         | 1397          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.58        | 1.14       | 555400.9             | 4383568.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704901398 | 049         | 1398          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.75        | 0.95       | 555712.7             | 4383323.7             |                           |                           |                           |                           |                           |                           |                           |
| 4704901404 | 049         | 1404          | CNX Gas Co LLC       |                      |                 | 393730            | 801730             | 1.09        | 2.21       | 557231.3             | 4384383.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704901405 | 049         | 1405          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.20        | 0.06       | 557137.3             | 4384197.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704901406 | 049         | 1406          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.37        | 0.15       | 556996.3             | 4383918.8             |                           |                           |                           |                           |                           |                           |                           |
| 4704901407 | 049         | 1407          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.49        | 0.55       | 556353.7             | 4383729.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704901408 | 049         | 1408          | CNX Gas Co LLC       |                      |                 | 393730            | 801730             | 0.99        | 1.07       | 559090.2             | 4384551.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704901409 | 049         | 1409          | CNX Gas Co LLC       |                      |                 | 393730            | 801730             | 1.12        | 0.09       | 560665.7             | 4384347.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704901410 | 049         | 1410          | CNX Gas Co LLC       |                      |                 | 393730            | 801730             | 1.68        | 0.61       | 559838.0             | 4383447.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704901411 | 049         | 1411          | CNX Gas Co LLC       |                      |                 | 393730            | 801730             | 1.09        | 1.28       | 558749.7             | 4384395.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704901426 | 049         | 1426          | CNX Gas Co LLC       |                      |                 | 373000            | 812230             | 0.14        | 0.32       | 553225.5             | 4372012.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704901557 | 049         | 1557          | CNX Gas Co LLC       |                      |                 | 393730            | 801730             | 1.85        | 0.68       | 559724.1             | 4383179.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704901558 | 049         | 1558          | CNX Gas Co LLC       |                      |                 | 394000            | 802230             | 2.34        | 0.27       | 553201.3             | 4386966.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704901559 | 049         | 1559          | CNX Gas Co LLC       |                      |                 | 394000            | 802230             | 2.59        | 0.26       | 553220.2             | 4386564.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704901566 | 049         | 1566          | CNX Gas Co LLC       |                      |                 | 394000            | 802230             | 2.52        | 0.55       | 552752.3             | 4388673.5             |                           |                           |                           |                           |                           |                           |                           |
| 4704901622 | 049         | 1622          | CNX Gas Co LLC       |                      |                 | 394000            | 802230             | 2.80        | 0.74       | 552449.3             | 4386220.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704901623 | 049         | 1623          | CNX Gas Co LLC       |                      |                 | 394000            | 802230             | 2.83        | 0.36       | 553061.8             | 4386176.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704901634 | 049         | 1634          | CNX Gas Co LLC       |                      |                 | 393730            | 801730             | 1.48        | 0.60       | 559848.2             | 4383776.1             |                           |                           |                           |                           |                           |                           |                           |
| 4704901653 | 049         | 1653          | CNX Gas Co LLC       |                      |                 | 373730            | 802230             | 0.10        | 1.01       | 552033.2             | 4386161.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704901654 | 049         | 1654          | CNX Gas Co LLC       |                      |                 | 373730            | 802230             | 0.13        | 0.84       | 552307.1             | 4386114.6             |                           |                           |                           |                           |                           |                           |                           |
| 4704901664 | 049         | 1664          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 0.60        | 1.49       | 554829.4             | 4385156.4             |                           |                           |                           |                           |                           |                           |                           |
| 4704901671 | 049         | 1671          | CNX Gas Co LLC       |                      |                 | 393730            | 802230             | 0.22        | 0.35       | 553081.8             | 4385756.3             |                           |                           |                           |                           |                           |                           |                           |
| 4704901689 | 049         | 1689          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 0.02        | 2.17       | 553729.4             | 4388082.9             |                           |                           |                           |                           |                           |                           |                           |
| 4704901690 | 049         | 1690          | CNX Gas Co LLC       |                      |                 | 393730            | 802230             | 0.37        | 0.66       | 552585.0             | 4385511.2             |                           |                           |                           |                           |                           |                           |                           |
| 4704901707 | 049         | 1707          | CNX Gas Co LLC       |                      |                 | 393730            | 802000             | 1.32        | 1.63       | 554612.5             | 4383995.0             |                           |                           |                           |                           |                           |                           |                           |
| 4704901723 | 049         | 1723          | CNX Gas Co LLC       |                      |                 | 393730            | 802230             | 0.35        | 1.05       | 551957.6             | 4385539.2             |                           |                           |                           |                           |                           |                           |                           |
| 4705100860 | 051         | 860           | CNX Gas Co LLC       |                      |                 | 395500            | 804000             | 0.55        | 1.08       | 526753.1             | 4417459.1             |                           |                           |                           |                           |                           |                           |                           |
| 4705100861 | 051         | 861           | CNX Gas Co LLC       |                      |                 | 395730            | 804000             | 2.17        | 0.86       | 527107.6             | 4419487.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100868 | 051         | 868           | CNX Gas Co LLC       |                      |                 | 395230            | 804500             | 1.30        | 2.18       | 517868.2             | 4411598.0             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 407-452 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4704702630 | 047         | 2630          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 3,145                     | 29,371                    | 32,516                     |
| 4704702631 | 047         | 2631          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | 0                          |
| 4704702632 | 047         | 2632          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | 0                          |
| 4704702633 | 047         | 2633          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | 0                          |
| 4704702634 | 047         | 2634          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | 0                          |
| 4704702635 | 047         | 2635          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | 0                          |
| 4704702636 | 047         | 2636          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | 0                          |
| 4704702637 | 047         | 2637          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | 0                          |
| 4704702638 | 047         | 2638          |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | 0                          |
| 4704702655 | 047         | 2655          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 839                       | 25,204                    | 26,043                     |
| 4704702657 | 047         | 2657          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 983                       | 29,875                    | 30,858                     |
| 4704901097 | 049         | 1097          |                           |                           | 431                       | 494                       | 735                       | 0                         | 0                         |                           |                           |                           | abandoned well            | 1,660                      |
| 4704901291 | 049         | 1291          |                           |                           | 432                       | 495                       | 735                       | 0                         | 0                         |                           |                           | future use                | future use                | 1,662                      |
| 4704901367 | 049         | 1367          |                           |                           |                           | 975                       | 31,538                    | 20,008                    |                           |                           | abandoned well            | abandoned well            | abandoned well            | 52,521                     |
| 4704901394 | 049         | 1394          |                           |                           |                           |                           |                           | 3,017                     | 22,997                    | 18,055                    | 17,393                    | 17,428                    | 11,990                    | 90,880                     |
| 4704901395 | 049         | 1395          |                           |                           |                           |                           |                           | 3,017                     | 22,997                    | 18,055                    | 17,393                    | 17,428                    | 11,990                    | 90,880                     |
| 4704901396 | 049         | 1396          |                           |                           |                           |                           |                           | 3,017                     | 22,997                    | 18,055                    | 17,393                    | 17,428                    | 11,990                    | 90,880                     |
| 4704901397 | 049         | 1397          |                           |                           |                           | 0                         | 0                         | 0                         | 22,997                    | 17,759                    | 17,663                    | 17,428                    | 11,990                    | 87,837                     |
| 4704901398 | 049         | 1398          |                           |                           |                           | 0                         | 0                         | 0                         | 23,004                    | 17,751                    | 17,663                    | 17,428                    | 11,990                    | 87,836                     |
| 4704901404 | 049         | 1404          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704901405 | 049         | 1405          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704901406 | 049         | 1406          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704901407 | 049         | 1407          |                           |                           |                           |                           | 0                         | 0                         |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704901408 | 049         | 1408          |                           |                           |                           |                           |                           | 2,895                     | 21,846                    | 17,953                    | 15,748                    | 17,167                    | 11,678                    | 87,287                     |
| 4704901409 | 049         | 1409          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704901410 | 049         | 1410          |                           |                           |                           |                           |                           | 2,895                     | 21,846                    | 17,953                    | 15,748                    | 17,167                    | 11,678                    | 87,287                     |
| 4704901411 | 049         | 1411          |                           |                           |                           |                           |                           | 2,895                     | 21,846                    | 17,953                    | 15,748                    | 17,167                    | 11,678                    | 87,287                     |
| 4704901426 | 049         | 1426          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4704901557 | 049         | 1557          |                           |                           |                           |                           |                           | 2,895                     | 21,846                    | 17,953                    | 15,748                    | 17,167                    | 11,678                    | 87,287                     |
| 4704901558 | 049         | 1558          |                           |                           |                           |                           |                           | 8,562                     | 86,456                    | 67,391                    | 40,428                    | 45,741                    | 31,011                    | 279,589                    |
| 4704901559 | 049         | 1559          |                           |                           |                           |                           |                           | 8,562                     | 0                         | 0                         | 19,665                    | 0                         | abandoned well            | 28,227                     |
| 4704901566 | 049         | 1566          |                           |                           |                           |                           |                           |                           | 86,465                    | 67,391                    | 40,428                    | 45,741                    | 31,011                    | 271,036                    |
| 4704901622 | 049         | 1622          |                           |                           |                           |                           |                           |                           | 86,465                    | 67,390                    | 40,428                    | 45,741                    | 31,011                    | 271,035                    |
| 4704901623 | 049         | 1623          |                           |                           |                           |                           |                           |                           |                           |                           | 19,965                    | 0                         | abandoned well            | 19,965                     |
| 4704901634 | 049         | 1634          |                           |                           |                           |                           |                           |                           | 21,844                    | 17,954                    | 15,748                    | 17,167                    | 11,678                    | 84,391                     |
| 4704901653 | 049         | 1653          |                           |                           |                           |                           |                           |                           | 15,719                    | 78,645                    | 56,954                    | 0                         | 28,051                    | 179,369                    |
| 4704901654 | 049         | 1654          |                           |                           |                           |                           |                           |                           | 15,719                    | 78,645                    | 56,954                    | 0                         | 28,051                    | 179,369                    |
| 4704901664 | 049         | 1664          |                           |                           |                           |                           |                           |                           | 9,931                     | 0                         | 0                         | 0                         | under construction        | 9,931                      |
| 4704901671 | 049         | 1671          |                           |                           |                           |                           |                           |                           | 15,719                    | 78,645                    | 50,405                    | 0                         | 31,011                    | 175,780                    |
| 4704901689 | 049         | 1689          |                           |                           |                           |                           |                           |                           | 10,429                    | 0                         | 56,954                    | 0                         | 28,051                    | 95,434                     |
| 4704901690 | 049         | 1690          |                           |                           |                           |                           |                           |                           | 15,718                    | 0                         | 0-abandoned well          | 0                         | abandoned well            | 15,718                     |
| 4704901707 | 049         | 1707          |                           |                           |                           |                           |                           |                           |                           | 46,082                    | 7,411                     | 0                         | abandoned well            | 53,493                     |
| 4704901723 | 049         | 1723          |                           |                           |                           |                           |                           |                           |                           |                           | 56,954                    | 39,411                    | 28,051                    | 124,416                    |
| 4705100860 | 051         | 860           |                           |                           |                           | 0                         | 0                         | 0                         | 0                         | 0                         | 17,113                    | 48,656                    | 0                         | 65,769                     |
| 4705100861 | 051         | 861           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | 15,583                    | 0                         | 0                         | 15,583                     |
| 4705100868 | 051         | 868           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 407-452 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays                     | Comments                                                            |
|------------|-------------|---------------|------------|--------------------------|---------------------------------------------------------------------|
| 4704702630 | 047         | 2630          |            | 9 coals                  | 2+ months production 2008                                           |
| 4704702631 | 047         | 2631          |            |                          |                                                                     |
| 4704702632 | 047         | 2632          |            |                          |                                                                     |
| 4704702633 | 047         | 2633          |            |                          |                                                                     |
| 4704702634 | 047         | 2634          |            |                          |                                                                     |
| 4704702635 | 047         | 2635          |            |                          |                                                                     |
| 4704702636 | 047         | 2636          |            |                          |                                                                     |
| 4704702637 | 047         | 2637          |            |                          |                                                                     |
| 4704702638 | 047         | 2638          |            |                          |                                                                     |
| 4704702655 | 047         | 2655          |            | 15 coals                 | 1 month production 2008                                             |
| 4704702657 | 047         | 2657          |            | 17 coals                 | 1 month production 2008                                             |
| 4704901097 | 049         | 1097          |            | no record                | 2 months production 2001                                            |
| 4704901291 | 049         | 1291          |            | Pgh                      | lost pump in hole                                                   |
| 4704901367 | 049         | 1367          |            | Pgh; 3 hz legs           | no record; 2 months production 2002; Exploraion Partners production |
| 4704901394 | 049         | 1394          |            | Pgh; borehole conversion | 3 months production 2003                                            |
| 4704901395 | 049         | 1395          |            | Pgh; borehole conversion | 3 months production 2003                                            |
| 4704901396 | 049         | 1396          |            | Pgh; borehole conversion | 3 months production 2003                                            |
| 4704901397 | 049         | 1397          |            | Pgh; borehole conversion |                                                                     |
| 4704901398 | 049         | 1398          |            | Pgh; borehole conversion |                                                                     |
| 4704901404 | 049         | 1404          |            | Pgh; borehole conversion |                                                                     |
| 4704901405 | 049         | 1405          |            | Pgh; borehole conversion |                                                                     |
| 4704901406 | 049         | 1406          |            | Pgh; borehole conversion |                                                                     |
| 4704901407 | 049         | 1407          |            | Pgh; borehole conversion |                                                                     |
| 4704901408 | 049         | 1408          |            | Pgh; borehole conversion | 6 months production 2004                                            |
| 4704901409 | 049         | 1409          |            | Pgh; borehole conversion |                                                                     |
| 4704901410 | 049         | 1410          |            | Pgh; borehole conversion | 6 months production 2004                                            |
| 4704901411 | 049         | 1411          |            | Pgh; borehole conversion | 6 months production 2004                                            |
| 4704901426 | 049         | 1426          |            | Pgh; borehole conversion |                                                                     |
| 4704901557 | 049         | 1557          |            | Pgh; borehole conversion | 6 months production 2004                                            |
| 4704901558 | 049         | 1558          |            | Pgh; borehole conversion | 1 month production 2004                                             |
| 4704901559 | 049         | 1559          |            | Pgh; borehole conversion | 1 month production 2004                                             |
| 4704901566 | 049         | 1566          |            | Pgh; borehole conversion |                                                                     |
| 4704901622 | 049         | 1622          |            | Pgh; borehole conversion |                                                                     |
| 4704901623 | 049         | 1623          |            | Pgh; borehole conversion | 7 months production 2007                                            |
| 4704901634 | 049         | 1634          |            | Pgh; borehole conversion |                                                                     |
| 4704901653 | 049         | 1653          |            | Pgh; borehole conversion | 3 months production 2005                                            |
| 4704901654 | 049         | 1654          |            | Pgh; borehole conversion | 3 months production 2005                                            |
| 4704901664 | 049         | 1664          |            | Pgh; borehole conversion | 3 months production 2005                                            |
| 4704901671 | 049         | 1671          |            | Pgh; borehole conversion | 3 months production 2005                                            |
| 4704901689 | 049         | 1689          |            | Pgh; borehole conversion | 2 months production 2005                                            |
| 4704901690 | 049         | 1690          |            | Pgh; borehole conversion | 3 months production 2005                                            |
| 4704901707 | 049         | 1707          |            | Pgh; borehole conversion |                                                                     |
| 4704901723 | 049         | 1723          |            | Pgh; borehole conversion |                                                                     |
| 4705100860 | 051         | 860           |            | Pgh; borehole conversion | 8 months prod 2007                                                  |
| 4705100861 | 051         | 861           |            | Pgh; borehole conversion |                                                                     |
| 4705100868 | 051         | 868           |            | Pgh; borehole conversion |                                                                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 453-498 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator          | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|-------------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4705100869 | 051         | 869           | CNX Gas Co LLC    |                     |                 | 395230            | 804500             | 1.64        | 2.00       | 518178.8             | 4411044.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100870 | 051         | 870           | CNX Gas Co LLC    |                     |                 | 395230            | 804730             | 1.70        | 0.89       | 516396.6             | 4410948.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100871 | 051         | 871           | CNX Gas Co LLC    |                     | 7/24/2003       | 395230            | 804730             | 1.30        | 0.21       | 517488.4             | 4411597.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100873 | 051         | 873           | CNX Gas Co LLC    |                     | 1/25/2003       | 394730            | 803000             | 2.61        | 2.18       | 539312.0             | 4400333.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100874 | 051         | 874           | CNX Gas Co LLC    |                     | 1/13/2003       | 394730            | 803000             | 2.61        | 2.18       | 539312.0             | 4400333.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100875 | 051         | 875           | CNX Gas Co LLC    |                     | 2/13/2003       | 394730            | 803000             | 2.60        | 2.17       | 539335.8             | 4400333.1             |                           |                           |                           |                           |                           |                           |                           |
| 4705100876 | 051         | 876           | CNX Gas Co LLC    |                     | 2/27/2003       | 394730            | 803000             | 2.60        | 2.17       | 539335.8             | 4400333.1             |                           |                           |                           |                           |                           |                           |                           |
| 4705100924 | 051         | 924           | CNX Gas Co LLC    |                     | 7/17/2004       | 394500            | 803000             | 0.50        | 2.07       | 539512.2             | 4399097.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100925 | 051         | 925           | CNX Gas Co LLC    |                     | 7/20/2004       | 394500            | 803000             | 0.50        | 2.07       | 539512.2             | 4399097.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705100926 | 051         | 926           | CNX Gas Co LLC    |                     | 9/2/2004        | 394500            | 803000             | 0.54        | 2.07       | 539512.5             | 4399032.6             |                           |                           |                           |                           |                           |                           |                           |
| 4705100927 | 051         | 927           | CNX Gas Co LLC    |                     | 8/15/2004       | 394500            | 803000             | 0.55        | 2.06       | 539528.7             | 4399016.5             |                           |                           |                           |                           |                           |                           |                           |
| 4705100928 | 051         | 928           | CNX Gas Co LLC    |                     | 8/29/2004       | 394500            | 803000             | 0.07        | 2.14       | 539396.0             | 4399789.1             |                           |                           |                           |                           |                           |                           |                           |
| 4705100929 | 051         | 929           | CNX Gas Co LLC    |                     | 8/26/2004       | 394500            | 803000             | 0.12        | 2.11       | 539444.7             | 4399708.8             |                           |                           |                           |                           |                           |                           |                           |
| 4705100930 | 051         | 930           | CNX Gas Co LLC    |                     | 8/20/2004       | 394500            | 803000             | 0.12        | 2.11       | 539444.7             | 4399708.8             |                           |                           |                           |                           |                           |                           |                           |
| 4705100931 | 051         | 931           | CNX Gas Co LLC    |                     | 9/16/2004       | 394500            | 803000             | 0.08        | 2.14       | 539396.1             | 4399772.9             |                           |                           |                           |                           |                           |                           |                           |
| 4705101026 | 051         | 1026          | CNX Gas Co LLC    |                     |                 | 395230            | 804500             | 2.04        | 0.33       | 520857.7             | 4410416.1             |                           |                           |                           |                           |                           |                           |                           |
| 4705101027 | 051         | 1027          | CNX Gas Co LLC    |                     |                 | 395230            | 804500             | 1.78        | 0.27       | 520953.1             | 4410835.2             |                           |                           |                           |                           |                           |                           |                           |
| 4705101030 | 051         | 1030          | CNX Gas Co LLC    |                     | 11/14/2006      | 394730            | 803230             | 1.68        | 0.98       | 537678.6             | 4401811.4             |                           |                           |                           |                           |                           |                           |                           |
| 4705101031 | 051         | 1031          | CNX Gas Co LLC    |                     | 11/14/2006      | 394730            | 803230             | 1.62        | 1.02       | 537613.7             | 4401907.7             |                           |                           |                           |                           |                           |                           |                           |
| 4705101036 | 051         | 1036          | CNX Gas Co LLC    |                     |                 | 395500            | 804230             | 2.32        | 0.79       | 523667.3             | 4414597.7             |                           |                           |                           |                           |                           |                           |                           |
| 4705101037 | 051         | 1037          | CNX Gas Co LLC    |                     |                 | 395500            | 804230             | 2.21        | 0.54       | 524069.4             | 4414776.2             |                           |                           |                           |                           |                           |                           |                           |
| 4705101043 | 051         | 1043          | CNX Gas Co LLC    |                     | 3/25/2007       | 394500            | 803000             | 0.57        | 1.54       | 540365.0             | 4398988.7             |                           |                           |                           |                           |                           |                           |                           |
| 4705101057 | 051         | 1057          | CNX Gas Co LLC    |                     | 5/3/2008        | 395500            | 803500             | 2.00        | 0.38       | 535013.8             | 4415156.8             |                           |                           |                           |                           |                           |                           |                           |
| 4705101059 | 051         | 1059          | CNX Gas Co LLC    |                     | 9/12/2008       | 395500            | 803500             | 1.94        | 1.48       | 533241.8             | 4415245.5             |                           |                           |                           |                           |                           |                           |                           |
| 4705101074 | 051         | 1074          | CNX Gas Co LLC    |                     | 3/26/2008       | 394730            | 803500             | 1.62        | 0.75       | 534479.8             | 4401893.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705101088 | 051         | 1088          | CNX Gas Co LLC    |                     | 9/4/2008        | 395230            | 803500             | 0.47        | 0.12       | 535442.9             | 4412998.9             |                           |                           |                           |                           |                           |                           |                           |
| 4705101095 | 051         | 1095          | CNX Gas Co LLC    |                     | 5/29/2008       | 395230            | 803230             | 1.76        | 0.91       | 537746.4             | 4410931.9             |                           |                           |                           |                           |                           |                           |                           |
| 4705101096 | 051         | 1096          | CNX Gas Co LLC    |                     | 5/18/2008       | 395230            | 803730             | 0.55        | 0.32       | 531558.2             | 4412853.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705101098 | 051         | 1098          | CNX Gas Co LLC    |                     | 4/25/2008       | 395230            | 803500             | 0.28        | 0.92       | 534169.9             | 4413518.0             |                           |                           |                           |                           |                           |                           |                           |
| 4705101100 | 051         | 1100          | CNX Gas Co LLC    |                     | 5/12/2008       | 395230            | 803230             | 1.41        | 1.78       | 536344.3             | 4411488.9             |                           |                           |                           |                           |                           |                           |                           |
| 4705101102 | 051         | 1102          | CNX Gas Co LLC    |                     | 8/31/2008       | 394730            | 803230             | 2.07        | 1.94       | 536135.6             | 4401175.8             |                           |                           |                           |                           |                           |                           |                           |
| 4705101109 | 051         | 1109          | CNX Gas Co LLC    |                     | 5/4/2008        | 394500            | 803230             | 0.36        | 1.55       | 536777.2             | 4399308.9             |                           |                           |                           |                           |                           |                           |                           |
| 4705101116 | 051         | 1116          | CNX Gas Co LLC    |                     | 5/25/2008       | 395230            | 803500             | 1.46        | 0.78       | 534388.7             | 4411399.3             |                           |                           |                           |                           |                           |                           |                           |
| 4705101120 | 051         | 1120          | CNX Gas Co LLC    |                     | 5/28/2008       | 394500            | 803230             | 0.01        | 1.14       | 537433.7             | 4399875.9             |                           |                           |                           |                           |                           |                           |                           |
| 4705101124 | 051         | 1124          | CNX Gas Co LLC    |                     | 7/6/2008        | 395500            | 803730             | 1.61        | 1.02       | 530435.0             | 4415986.1             |                           |                           |                           |                           |                           |                           |                           |
| 4705101126 | 051         | 1126          | CNX Gas Co LLC    |                     | 7/26/2008       | 395230            | 803230             | 0.43        | 1.41       | 536931.8             | 4413070.4             |                           |                           |                           |                           |                           |                           |                           |
| 4705101130 | 051         | 1130          | CNX Gas Co LLC    |                     | 7/20/2008       | 395500            | 803500             | 0.77        | 1.79       | 532734.5             | 4417128.1             |                           |                           |                           |                           |                           |                           |                           |
| 4705101132 | 051         | 1132          | CNX Gas Co LLC    |                     | 7/12/2008       | 395500            | 803500             | 0.78        | 0.82       | 534296.3             | 4417118.8             |                           |                           |                           |                           |                           |                           |                           |
| 4705101135 | 051         | 1135          | CNX Gas Co LLC    |                     | 6/14/2008       | 395230            | 803230             | 0.76        | 0.59       | 538253.0             | 4412545.3             |                           |                           |                           |                           |                           |                           |                           |
| 4705101137 | 051         | 1137          | CNX Gas Co LLC    |                     | 6/17/2008       | 395230            | 803500             | 1.11        | 0.32       | 535126.0             | 4411966.5             |                           |                           |                           |                           |                           |                           |                           |
| 4705101146 | 051         | 1146          | CNX Gas Co LLC    |                     | 8/17/2008       | 395500            | 803500             | 1.37        | 2.11       | 532223.4             | 4416159.4             |                           |                           |                           |                           |                           |                           |                           |
| 4705101148 | 051         | 1148          | CNX Gas Co LLC    |                     | 7/19/2008       | 395730            | 803500             | 2.54        | 1.17       | 533724.9             | 4418905.7             |                           |                           |                           |                           |                           |                           |                           |
| 4705101154 | 051         | 1154          | CNX Gas Co LLC    |                     | 8/8/2008        | 395230            | 803500             | 0.28        | 0.92       | 534155.1             | 4413299.1             |                           |                           |                           |                           |                           |                           |                           |
| 4706101022 | 061         | 1022          | CNG; now Dominion | Dominion E & P      | 1/10/1990       | 394230            | 801230             | 1.38        | 2.17       | 564381.1             | 4393222.3             | 5,658                     | 21,606                    | 8,495                     | 7,722                     | 4,087                     | 3,239                     | 0                         |
| 4706101023 | 061         | 1023          | CNG; now Dominion | Dominion E & P      | //1991          | 394230            | 801500             | 1.40        | 1.02       | 562668.7             | 4393181.0             | 7,490                     | 37,698                    | 12,157                    | 5,790                     | 1,717                     | 839                       | 0                         |
| 4706101024 | 061         | 1024          | CNG; now Dominion | Dominion E & P      | //1991          | 394230            | 801500             | 1.15        | 1.09       | 562546.4             | 4393581.0             | 9,047                     | 41,972                    | 30,517                    | 13,800                    | 4,622                     | 3,492                     | 0                         |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 453-498 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4705100869 | 051         | 869           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4705100870 | 051         | 870           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4705100871 | 051         | 871           |                           |                           |                           |                           | 25,552                    | 124,390                   | 89,288                    | 11,805                    | 0-abandoned well          | 0                         | abandoned well            | 251,035                    |
| 4705100873 | 051         | 873           |                           |                           |                           |                           | abandoned well            |                           |                           | 1,872                     | 1,315                     | 0                         | 5                         | 3,192                      |
| 4705100874 | 051         | 874           |                           |                           |                           |                           | abandoned well            |                           |                           | abandoned well            | abandoned well            | abandoned well            | 51                        | 51                         |
| 4705100875 | 051         | 875           |                           |                           |                           |                           | abandoned well            | 0                         | 0                         | 1,032                     | 732                       | 0                         | 1,125                     | 2,889                      |
| 4705100876 | 051         | 876           |                           |                           |                           |                           | abandoned well            |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4705100924 | 051         | 924           |                           |                           |                           |                           |                           |                           | 2,071                     | 3,311                     | 4,471                     | 3,118                     | 2,009                     | 14,980                     |
| 4705100925 | 051         | 925           |                           |                           |                           |                           |                           |                           | 152,456                   | 126,692                   | 83,890                    | 71,108                    | 65,608                    | 499,754                    |
| 4705100926 | 051         | 926           |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4705100927 | 051         | 927           |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4705100928 | 051         | 928           |                           |                           |                           |                           |                           |                           | 8,875                     | 8,489                     | 3,109                     | 0                         | 0                         | 20,473                     |
| 4705100929 | 051         | 929           |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | plugged                   | 0                          |
| 4705100930 | 051         | 930           |                           |                           |                           |                           |                           |                           | 5,079                     | 6,221                     | 2,309                     | 0                         | 0                         | 13,609                     |
| 4705100931 | 051         | 931           |                           |                           |                           |                           |                           |                           |                           |                           | not available             | plugged                   | plugged                   | 0                          |
| 4705101026 | 051         | 1026          |                           |                           |                           |                           |                           |                           |                           |                           | 16,929                    | 35,331                    | 31,402                    | 83,662                     |
| 4705101027 | 051         | 1027          |                           |                           |                           |                           |                           |                           |                           |                           | 16,929                    | 35,333                    | 31,402                    | 83,664                     |
| 4705101030 | 051         | 1030          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4705101031 | 051         | 1031          |                           |                           |                           |                           |                           |                           |                           |                           | 52,135                    | 35,000                    | 34,102                    | 121,237                    |
| 4705101036 | 051         | 1036          |                           |                           |                           |                           |                           |                           |                           |                           | 20,177                    | 66,310                    | 71,870                    | 158,357                    |
| 4705101037 | 051         | 1037          |                           |                           |                           |                           |                           |                           |                           |                           | 20,177                    | 66,310                    | 71,870                    | 158,357                    |
| 4705101043 | 051         | 1043          |                           |                           |                           |                           |                           |                           |                           |                           | 28,540                    | 40,022                    | 33,824                    | 102,386                    |
| 4705101057 | 051         | 1057          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 8,697                     | 40,141                    | 48,838                     |
| 4705101059 | 051         | 1059          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 5,023                     | 51,898                    | 56,921                     |
| 4705101074 | 051         | 1074          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 33,750                    | 54,572                    | 88,322                     |
| 4705101088 | 051         | 1088          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 8,690                     | 87,578                    | 96,268                     |
| 4705101095 | 051         | 1095          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 8,876                     | 39,977                    | 48,853                     |
| 4705101096 | 051         | 1096          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 12,509                    | 38,385                    | 50,894                     |
| 4705101098 | 051         | 1098          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 7,482                     | 54,230                    | 61,712                     |
| 4705101100 | 051         | 1100          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 10,376                    | 47,145                    | 57,521                     |
| 4705101102 | 051         | 1102          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 20,022                    | 90,548                    | 110,570                    |
| 4705101109 | 051         | 1109          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 36,913                    | 58,080                    | 94,993                     |
| 4705101116 | 051         | 1116          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 13,944                    | 50,791                    | 64,735                     |
| 4705101120 | 051         | 1120          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 58,623                    | 75,031                    | 133,654                    |
| 4705101124 | 051         | 1124          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 2,909                     | 32,604                    | 35,513                     |
| 4705101126 | 051         | 1126          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 17,838                    | 51,087                    | 68,925                     |
| 4705101130 | 051         | 1130          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 18,281                    | 40,665                    | 58,946                     |
| 4705101132 | 051         | 1132          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 8,737                     | 36,002                    | 44,739                     |
| 4705101135 | 051         | 1135          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 2,779                     | 31,519                    | 34,298                     |
| 4705101137 | 051         | 1137          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 20,477                    | 60,052                    | 80,529                     |
| 4705101146 | 051         | 1146          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 5,625                     | 35,594                    | 41,219                     |
| 4705101148 | 051         | 1148          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 894                       | 28,997                    | 29,891                     |
| 4705101154 | 051         | 1154          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 8,245                     | 3,144                     | 11,389                     |
| 4706101022 | 061         | 1022          | 1,539                     |                           | 694                       | 3,274                     | 3,456                     | 4,492                     | 4,316                     | 2,547                     | 1,495                     | 2,134                     | 1,361                     | 76,115                     |
| 4706101023 | 061         | 1023          | 1,830                     |                           | 2,103                     | 4,452                     | 5,002                     | 6,367                     | 6,359                     | 5,489                     | 4,674                     | 5,312                     | 6,584                     | 113,863                    |
| 4706101024 | 061         | 1024          | 2,855                     |                           | 2,564                     | 6,587                     | 6,711                     | 8,640                     | 8,653                     | 6,348                     | 5,002                     | 5,725                     | 7,345                     | 163,880                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 453-498 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name      | Pays                                                  | Comments                   |
|------------|-------------|---------------|-----------------|-------------------------------------------------------|----------------------------|
| 4705100869 | 051         | 869           |                 | Pgh; borehole conversion                              |                            |
| 4705100870 | 051         | 870           |                 | Pgh; borehole conversion                              |                            |
| 4705100871 | 051         | 871           |                 | Pgh; borehole conversion                              | 2 months production 2003   |
| 4705100873 | 051         | 873           | Cameron         | Pgh gob, Ireland mine                                 |                            |
| 4705100874 | 051         | 874           | Cameron         | Pgh-horizontal; workover permitted 05/21/2004         |                            |
| 4705100875 | 051         | 875           | Cameron         | Pgh-horizontal; workover permitted 05/21/2004         |                            |
| 4705100876 | 051         | 876           | Cameron         | UprFrpt-horizontal; Pgh workover permitted 05/21/2004 |                            |
| 4705100924 | 051         | 924           |                 | UprFrpt-horizontal                                    |                            |
| 4705100925 | 051         | 925           |                 | UprFrpt                                               |                            |
| 4705100926 | 051         | 926           |                 | Pgh                                                   |                            |
| 4705100927 | 051         | 927           |                 | UprFrpt-horizontal                                    |                            |
| 4705100928 | 051         | 928           |                 | Pgh-horizontal                                        |                            |
| 4705100929 | 051         | 929           |                 | UprFrpt-horizontal                                    |                            |
| 4705100930 | 051         | 930           |                 | Frpt-horizontal                                       |                            |
| 4705100931 | 051         | 931           |                 | Frpt-horizontal                                       |                            |
| 4705101026 | 051         | 1026          |                 | Frpt-horizontal                                       | 10 months prod 2007        |
| 4705101027 | 051         | 1027          |                 | Pgh; borehole conversion                              | 10 months prod 2007        |
| 4705101030 | 051         | 1030          |                 | Pgh; Upper Freeport; 3 horizontal legs each           |                            |
| 4705101031 | 051         | 1031          |                 | Pgh, Frpt-horizontal                                  |                            |
| 4705101036 | 051         | 1036          |                 | Pgh; borehole conversion                              | 10+ months production 2007 |
| 4705101037 | 051         | 1037          |                 | Pgh, Frpt-horizontal                                  | 10 months prod 2007        |
| 4705101043 | 051         | 1043          |                 | Pgh; 2 horizontal legs                                | 7months prod 2007          |
| 4705101057 | 051         | 1057          |                 | Pgh; 3 horizontal legs                                | 4 months prod 2008         |
| 4705101059 | 051         | 1059          |                 | Pgh; 3 horizontal legs                                | 3 months prod 2008         |
| 4705101074 | 051         | 1074          |                 | Pgh; 3 horizontal legs                                | 6 months prod 2008         |
| 4705101088 | 051         | 1088          |                 | Pgh; 3 horizontal legs                                | 3 months prod 2008         |
| 4705101095 | 051         | 1095          |                 | Pgh; 4 horizontal legs                                | 4 months prod 2008         |
| 4705101096 | 051         | 1096          |                 | Pgh; 3 horizontal legs                                | 4 months prod 2008         |
| 4705101098 | 051         | 1098          |                 | Pgh; 3 horizontal legs                                | 5 months prod 2008         |
| 4705101100 | 051         | 1100          |                 | Pgh; 4 horizontal legs                                | 4 months prod 2008         |
| 4705101102 | 051         | 1102          |                 | Pgh; 3 horizontal legs                                | 3 months prod 2008         |
| 4705101109 | 051         | 1109          |                 | Pgh; 4 horizontal legs                                | 6 months prod 2008         |
| 4705101116 | 051         | 1116          |                 | Pgh; horizontal                                       | 4 months prod 2008         |
| 4705101120 | 051         | 1120          |                 | Pgh; 4 horizontal legs                                | 6 months prod 2008         |
| 4705101124 | 051         | 1124          |                 | Pgh; 4 horizontal legs                                | 1 month prod 2008          |
| 4705101126 | 051         | 1126          |                 | Pgh; 4 horizontal legs                                | 3+ months prod 2008        |
| 4705101130 | 051         | 1130          |                 | Pgh; horizontal                                       | 4 months prod 2008         |
| 4705101132 | 051         | 1132          |                 | Pgh; 4 horizontal legs                                | 3 months prod 2008         |
| 4705101135 | 051         | 1135          |                 | Pgh; 4 horizontal legs                                | 2 months prod 2008         |
| 4705101137 | 051         | 1137          |                 | Pgh; 4 horizontal legs                                | 4 months prod 2008         |
| 4705101146 | 051         | 1146          |                 | Pgh; 4 horizontal legs                                | 2+ months prod 2008        |
| 4705101148 | 051         | 1148          |                 | Pgh; 4 horizontal legs                                | 2 months prod 2008         |
| 4705101154 | 051         | 1154          |                 | Pgh; 3 horizontal legs                                | 3+ months prod 2008        |
| 4706101022 | 061         | 1022          | Blacksville-CBM | Pgh                                                   |                            |
| 4706101023 | 061         | 1023          | Blacksville-CBM | Pgh gob                                               |                            |
| 4706101024 | 061         | 1024          | Blacksville-CBM | Pgh gob                                               |                            |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 499-544 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator          | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|-------------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4706101038 | 061         | 1038          | CNG; now Dominion | Dominion E & P      | 8/28/1991       | 394230            | 801230             | 1.19        | 2.13       | 564451.9             | 4393535.0             | 41,992                    | 50,210                    | 20,690                    | 12,125                    | 5,219                     | 3,807                     | 0                         |
| 4706101072 | 061         | 1072          | CNG; now Dominion | Dominion E & P      | 5/26/1992       | 394230            | 801500             | 0.86        | 1.52       | 561851.8             | 4394038.0             | 26,719                    | 12,698                    | 1,280                     | 0                         | 0                         | 0                         | 0                         |
| 4706101081 | 061         | 1081          | CNG; now Dominion | Dominion E & P      | 7/16/1992       | 394230            | 801230             | 0.94        | 2.12       | 564455.4             | 4393927.9             | 14,930                    | 15,810                    | 13,714                    | 6,382                     | 5,149                     | 4,753                     | 0                         |
| 4706101087 | 061         | 1087          | CNG; now Dominion | Dominion E & P      | 12/10/1992      | 394230            | 801500             | 0.65        | 1.34       | 562135.0             | 4394379.0             | 0                         | 43,660                    | 5,211                     | 5,798                     | 5,904                     | 3,572                     | 0                         |
| 4706101159 | 061         | 1159          | CNG; now Dominion | Dominion E & P      | 5/27/1994       | 394230            | 801730             | 0.34        | 1.23       | 558749.4             | 4394846.0             |                           |                           | 22,111                    | 21,192                    | 16,132                    | 12,623                    | 4,488                     |
| 4706101167 | 061         | 1167          | CNG; now Dominion | Dominion E & P      | 8/16/1994       | 394230            | 801730             | 0.46        | 0.61       | 559750.9             | 4394668.5             |                           |                           | 9,430                     | 4,732                     | 2,351                     | 1,684                     | 1,094                     |
| 4706101181 | 061         | 1181          | CNG; now Dominion | Dominion E & P      | 10/22/1994      | 394230            | 801730             | 0.50        | 1.88       | 557703.4             | 4394591.0             |                           |                           | 7,084                     | 30,389                    | 8,779                     | 1,571                     | 1                         |
| 4706101184 | 061         | 1184          | CNG; now Dominion | Dominion E & P      | 2/10/1995       | 394230            | 801730             | 0.61        | 1.20       | 558800.5             | 4394414.5             |                           |                           | 0                         | 21,832                    | 11,866                    | 4,115                     | 5,003                     |
| 4706101185 | 061         | 1185          | CNG; now Dominion | Dominion E & P      | 2/4/1995        | 394000            | 801230             | 0.44        | 1.96       | 564743.0             | 4390115.0             |                           |                           | 0                         | ?                         | ?                         | 0                         |                           |
| 4706101194 | 061         | 1194          | CNG; now Dominion | Dominion E & P      | 11/11/1994      | 394230            | 801730             | 0.71        | 0.69       | 559610.8             | 4394266.5             |                           |                           |                           | 7,381                     | 2,632                     | 3,756                     | 1,677                     |
| 4706101200 | 061         | 1200          | CNG; now Dominion | Dominion E & P      | 7/8/1995        | 394230            | 801730             | 0.77        | 1.94       | 557611.1             | 4394159.0             |                           |                           |                           | 5,470                     | 5,595                     | 4,823                     | 3,389                     |
| 4706101206 | 061         | 1206          | CNG; now Dominion | Dominion E & P      | 7/27/1995       | 394230            | 801730             | 0.80        | 1.71       | 557968.8             | 4394099.5             |                           |                           |                           | 14,332                    | 22,531                    | 7,586                     | 4,321                     |
| 4706101208 | 061         | 1208          | CNG; now Dominion | Dominion E & P      | 9/14/1995       | 394230            | 801730             | 0.86        | 1.46       | 558374.4             | 4394011.0             |                           |                           |                           |                           | 62,731                    | 26,493                    | 6,429                     |
| 4706101209 | 061         | 1209          | CNG; now Dominion | Dominion E & P      | 9/18/1995       | 394230            | 801730             | 0.96        | 0.68       | 559638.1             | 4393866.5             |                           |                           |                           | 2,967                     | 26,917                    | 15,836                    | 11,197                    |
| 4706101215 | 061         | 1215          | CNG; now Dominion | Dominion E & P      | 10/6/1995       | 394230            | 801730             | 0.88        | 1.09       | 558969.9             | 4393984.5             |                           |                           |                           |                           | 15,249                    | 5,364                     | 3,294                     |
| 4706101238 | 061         | 1238          | CNG; now Dominion | Dominion E & P      | 5/4/1996        | 394230            | 801730             | 1.09        | 1.61       | 558139.1             | 4393638.5             |                           |                           |                           |                           |                           | 11,204                    | 6,387                     |
| 4706101239 | 061         | 1239          | CNG; now Dominion | Dominion E & P      |                 | 394230            | 801730             | 1.00        | 1.97       | 557564.1             | 4393781.0             |                           |                           |                           |                           |                           | 6,158                     | 3,432                     |
| 4706101240 | 061         | 1240          | CNG; now Dominion | Dominion E & P      | 5/4/1996        | 394230            | 801730             | 1.09        | 1.42       | 558448.5             | 4393641.0             |                           |                           |                           |                           |                           | 20,909                    | 5,526                     |
| 4706101245 | 061         | 1245          | CNG; now Dominion | Dominion E & P      | 7/22/1996       | 394230            | 801730             | 1.23        | 0.89       | 559307.8             | 4393431.5             |                           |                           |                           |                           |                           | 17,296                    | 6,714                     |
| 4706101256 | 061         | 1256          | CNG; now Dominion | Dominion E & P      | 10/8/1996       | 394230            | 801730             | 1.24        | 0.61       | 559760.7             | 4393404.5             |                           |                           |                           |                           |                           | 4,538                     | 1,542                     |
| 4706101268 | 061         | 1268          | CNG; now Dominion | Dominion E & P      |                 | 394230            | 801730             | 1.34        | 1.56       | 558228.0             | 4393238.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101269 | 061         | 1269          | CNG; now Dominion | Dominion E & P      |                 | 394230            | 801730             | 1.42        | 1.13       | 558921.0             | 4393114.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101309 | 061         | 1309          | CNG; now Dominion | Dominion E & P      |                 | 394230            | 801730             | 1.87        | 1.98       | 557558.5             | 4392379.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101310 | 061         | 1310          | CNG; now Dominion | Dominion E & P      |                 | 394230            | 801730             | 1.93        | 1.65       | 558090.3             | 4392286.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101319 | 061         | 1319          | Dominion          |                     |                 | 394230            | 801730             | 1.95        | 1.14       | 558911.4             | 4392260.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101322 | 061         | 1322          | Dominion          |                     |                 | 394230            | 801730             | 2.13        | 1.85       | 557770.8             | 4391962.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101323 | 061         | 1323          | Dominion          |                     |                 | 394230            | 801730             | 2.13        | 2.12       | 557336.3             | 4391959.0             |                           |                           |                           |                           |                           |                           |                           |
| 4706101325 | 061         | 1325          | Dominion          |                     |                 | 394230            | 801730             | 2.15        | 1.60       | 558173.5             | 4391933.1             |                           |                           |                           |                           |                           |                           |                           |
| 4706101326 | 061         | 1326          | Dominion          |                     |                 | 394230            | 801730             | 2.23        | 1.37       | 558544.7             | 4391807.0             |                           |                           |                           |                           |                           |                           |                           |
| 4706101331 | 061         | 1331          | Dominion          |                     |                 | 394230            | 811730             | 2.37        | 2.04       | 557467.9             | 4391573.4             |                           |                           |                           |                           |                           |                           |                           |
| 4706101332 | 061         | 1332          | Dominion          |                     |                 | 394230            | 801730             | 2.42        | 1.77       | 557903.1             | 4391496.1             |                           |                           |                           |                           |                           |                           |                           |
| 4706101334 | 061         | 1334          | Noumenon          |                     |                 | 394230            | 800730             | 2.43        | 1.77       | 572198.1             | 4391600.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101335 | 061         | 1335          | Noumenon          |                     |                 | 394230            | 801000             | 2.57        | 1.47       | 569109.3             | 4391346.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101336 | 061         | 1336          | Noumenon          |                     |                 | 394230            | 801000             | 2.45        | 0.70       | 570347.0             | 4391551.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101337 | 061         | 1337          | Noumenon          |                     |                 | 394000            | 811000             | 0.59        | 1.66       | 568816.3             | 4389909.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101338 | 061         | 1338          | Noumenon          |                     |                 | 394000            | 801000             | 0.12        | 1.99       | 568278.3             | 4390661.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101339 | 061         | 1339          | Noumenon          |                     |                 | 394230            | 800500             | 1.43        | 2.19       | 575080.0             | 4393239.4             |                           |                           |                           |                           |                           |                           |                           |
| 4706101340 | 061         | 1340          | Noumenon          |                     |                 | 394230            | 801000             | 2.63        | 0.01       | 571460.4             | 4391271.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101341 | 061         | 1341          | Noumenon          |                     |                 | 394230            | 800730             | 2.69        | 1.96       | 571896.2             | 4391179.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101342 | 061         | 1342          | Noumenon          |                     |                 | 394230            | 800730             | 2.22        | 1.93       | 571937.4             | 4391936.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101343 | 061         | 1343          | Noumenon          |                     |                 | 394230            | 801000             | 2.38        | 0.96       | 569927.5             | 4391660.4             |                           |                           |                           |                           |                           |                           |                           |
| 4706101344 | 061         | 1344          | Noumenon          |                     |                 | 394230            | 800730             | 1.50        | 0.01       | 575016.5             | 4393126.0             |                           |                           |                           |                           |                           |                           |                           |
| 4706101345 | 061         | 1345          | Noumenon          |                     |                 | 394000            | 801000             | 0.32        | 0.20       | 568265.0             | 4390339.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101346 | 061         | 1346          | Noumenon          |                     |                 | 394230            | 801000             | 2.87        | 2.00       | 568260.4             | 4390856.1             |                           |                           |                           |                           |                           |                           |                           |
| 4706101347 | 061         | 1347          | Noumenon          |                     |                 | 394230            | 801000             | 0.39        | 1.63       | 568820.3             | 4394856.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101348 | 061         | 1348          | Noumenon          |                     |                 | 394230            | 801000             | 2.69        | 1.96       | 568322.2             | 4391146.6             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 499-544 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4706101038 | 061         | 1038          | 1,943                     |                           | 2,339                     | 4,827                     | 4,715                     | 6,419                     | 6,849                     | 3,815                     | 2,533                     | 3,095                     | 4,137                     | 174,715                    |
| 4706101072 | 061         | 1072          | 0                         |                           | 0                         | 1,277                     | 4,162                     | 5,058                     | 3,800                     | 3,565                     | 2,100                     | 2,646                     | 2,626                     | 65,931                     |
| 4706101081 | 061         | 1081          | 2,152                     |                           | 2,773                     | 5,271                     | 5,510                     | 5,934                     | 5,843                     | 4,466                     | 3,221                     | 3,819                     | 4,587                     | 104,314                    |
| 4706101087 | 061         | 1087          | 1,214                     |                           | 2,906                     | 4,646                     | 4,873                     | 6,996                     | 6,320                     | 3,799                     | 2,137                     | 2,902                     | 3,006                     | 102,944                    |
| 4706101159 | 061         | 1159          | 4,254                     |                           | 0                         | 5,826                     | 2,164                     | 1,491                     | 1,194                     | 5,212                     | 5,180                     | 6,356                     | 720                       | 108,943                    |
| 4706101167 | 061         | 1167          | 1,098                     |                           | 699                       | 5,347                     | 3,842                     | 3,104                     | 2,631                     | 3,797                     | 3,129                     | 3,749                     | 430                       | 47,117                     |
| 4706101181 | 061         | 1181          | 66                        |                           | 5,648                     | 7,389                     | 6,577                     | 4,830                     | 147                       | 2,656                     | 1,506                     | 1,578                     | 491                       | 78,712                     |
| 4706101184 | 061         | 1184          | 5,174                     |                           | 404                       | 4,769                     | 4,268                     | 8,178                     | 9,293                     | 6,805                     | 4,382                     | 4,846                     | 3,992                     | 94,927                     |
| 4706101185 | 061         | 1185          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101194 | 061         | 1194          | 1,869                     |                           | 3,756                     | 4,671                     | 3,604                     | 1,589                     | 1,320                     | 3,063                     | 2,771                     | 3,778                     | 2,956                     | 44,823                     |
| 4706101200 | 061         | 1200          | 3,019                     |                           | 5,743                     | 4,634                     | 6,843                     | 4,879                     | 4,656                     | 5,667                     | 3,974                     | 4,671                     | 988                       | 64,351                     |
| 4706101206 | 061         | 1206          | 1,925                     |                           | 4,574                     | 6,123                     | 5,621                     | 3,885                     | 3,774                     | 4,592                     | 3,008                     | 3,383                     | 257                       | 85,912                     |
| 4706101208 | 061         | 1208          | 5,565                     |                           | 16,852                    | 12,016                    | 11,481                    | 7,405                     | 6,890                     | 7,510                     | 6,066                     | 7,073                     | 305                       | 176,816                    |
| 4706101209 | 061         | 1209          | 8,758                     |                           | 19,257                    | 24,588                    | 19,805                    | 1,707                     | 40                        | 7,487                     | 7,097                     | 9,463                     | 13,324                    | 168,443                    |
| 4706101215 | 061         | 1215          | 2,445                     |                           | 99                        | 5,299                     | 3,466                     | 2,963                     | 2,607                     | 3,586                     | 2,527                     | 3,203                     | 474                       | 50,576                     |
| 4706101238 | 061         | 1238          | 2,241                     |                           | 5,659                     | 6,177                     | 4,918                     | 2,728                     | 2,584                     | 2,920                     | 2,309                     | 2,754                     | 70                        | 49,951                     |
| 4706101239 | 061         | 1239          | 2,360                     |                           | 4,693                     | 9,652                     | 8,837                     | 4,474                     | 1,515                     | 3,943                     | 3,109                     | 3,566                     | 500                       | 52,239                     |
| 4706101240 | 061         | 1240          | 3,653                     |                           | 12,670                    | 14,487                    | 4,717                     | 240                       | 51                        | 6,778                     | 9,216                     | 12,218                    | 667                       | 91,132                     |
| 4706101245 | 061         | 1245          | 5,463                     |                           | 11,190                    | 25,132                    | 18,576                    | 12,160                    | 6,641                     | 14,520                    | 7,502                     | 5,395                     | 20,879                    | 151,468                    |
| 4706101256 | 061         | 1256          | 1,533                     |                           | 2,969                     | 6,067                     | 5,778                     | 3,352                     | 3,472                     | 3,929                     | 3,581                     | 4,166                     | 939                       | 41,866                     |
| 4706101268 | 061         | 1268          | 1,839                     |                           | 11,448                    | 13,692                    | 15,351                    | 11,837                    | 12,227                    | 10,802                    | 8,609                     | 9,815                     | 6,131                     | 101,751                    |
| 4706101269 | 061         | 1269          |                           |                           | 3,812                     | 2,849                     | 2,581                     | 1,571                     | 1,446                     | 1,627                     | 755                       | 766                       | 336                       | 15,743                     |
| 4706101309 | 061         | 1309          |                           |                           | 1,267                     | 600                       | 1,381                     | 0                         | 0                         | 2,027                     | 2,166                     | 3,089                     | 4,450                     | 14,980                     |
| 4706101310 | 061         | 1310          |                           |                           | 7,955                     | 4,124                     | 4,618                     | 2                         | 36                        | 3,148                     | 3,950                     | 12,301                    | 9,651                     | 45,785                     |
| 4706101319 | 061         | 1319          |                           |                           | 2,044                     | 1,680                     | 1,296                     | 6                         | 0                         | 2,863                     | 2,201                     | 3,490                     | 622                       | 14,202                     |
| 4706101322 | 061         | 1322          |                           |                           | 9,258                     | 5,320                     | 3,169                     | 58                        | 0                         | 3,216                     | 2,279                     | 5,358                     | 3,205                     | 31,863                     |
| 4706101323 | 061         | 1323          |                           |                           | 9,010                     | 5,566                     | 5,255                     | 94                        | 0                         | 6,020                     | 5,808                     | 9,776                     | 2,641                     | 44,170                     |
| 4706101325 | 061         | 1325          |                           |                           | 9,721                     | 5,069                     | 1,438                     | 55                        | 0                         | 7,624                     | 8,211                     | 11,794                    | 15,395                    | 59,307                     |
| 4706101326 | 061         | 1326          |                           |                           | 947                       | 1,551                     | 520                       | 14                        | 0                         | 7,578                     | 6,238                     | 8,926                     | 12,858                    | 38,632                     |
| 4706101331 | 061         | 1331          |                           |                           | 7,808                     | 2,533                     | 773                       | 29                        | 0                         | 4,087                     | 5,337                     | 7,281                     | 6,795                     | 34,643                     |
| 4706101332 | 061         | 1332          |                           |                           | 7,951                     | 3,413                     | 993                       | 16                        | 0                         | 7,897                     | 7,665                     | 11,388                    | 13,843                    | 53,166                     |
| 4706101334 | 061         | 1334          |                           | 36                        | 36                        | 1,160                     |                           | 0                         | 0                         | abandoned well            | abandoned well            | 0                         | abandoned well            | 1,232                      |
| 4706101335 | 061         | 1335          |                           | 2,765                     |                           | 1,202                     | 780                       | 284                       | 14                        | 2                         | 0                         | 0                         | abandoned well            | 5,047                      |
| 4706101336 | 061         | 1336          |                           | 2,765                     |                           | 1,202                     | 780                       | 291                       | 14                        | 2                         | 0                         | 0                         | abandoned well            | 5,054                      |
| 4706101337 | 061         | 1337          |                           | 1,974                     |                           | 1,898                     | 966                       | 14                        | 0                         | abandoned well            | abandoned well            | 0                         | abandoned well            | 4,852                      |
| 4706101338 | 061         | 1338          |                           | 1,974                     |                           | 12                        | 121                       | 81                        | 78                        |                           | abandoned well            | 0                         | abandoned well            | 2,266                      |
| 4706101339 | 061         | 1339          |                           | 3,588                     |                           | 1,761                     | 1,421                     | 593                       | 197                       |                           | 255                       | 944                       | 304                       | 9,063                      |
| 4706101340 | 061         | 1340          |                           | 36                        |                           | 1,161                     |                           |                           |                           | abandoned well            | abandoned well            | 0                         | abandoned well            | 1,197                      |
| 4706101341 | 061         | 1341          |                           | 36                        |                           | 0                         | abandoned well            |                           |                           | abandoned/ordered         | abandoned/ordered         | 0                         | abandoned well            | 36                         |
| 4706101342 | 061         | 1342          |                           | 36                        |                           | 0                         | abandoned well            |                           |                           | abandoned/ordered         | abandoned/ordered         | 0                         | abandoned well            | 36                         |
| 4706101343 | 061         | 1343          |                           | 2,765                     |                           | 1,202                     | 780                       | 247                       | 2                         | 2                         | 0                         | 0                         | abandoned well            | 4,998                      |
| 4706101344 | 061         | 1344          |                           | 3,588                     |                           | 1,761                     | 1,421                     | 597                       | 197                       |                           | 255                       | 950                       | 304                       | 9,073                      |
| 4706101345 | 061         | 1345          |                           | 1,974                     |                           | 12                        | 121                       | 81                        | 78                        | 78                        | abandoned well            | 0                         | abandoned well            | 2,344                      |
| 4706101346 | 061         | 1346          |                           | 1,974                     |                           | 12                        | 121                       | 81                        | 78                        |                           | abandoned well            | 0                         | abandoned well            | 2,266                      |
| 4706101347 | 061         | 1347          |                           | 1,974                     |                           | 1,898                     | 966                       | 15                        | 0                         | abandoned well            | abandoned well            | 0                         | abandoned well            | 4,853                      |
| 4706101348 | 061         | 1348          |                           | 1,974                     |                           | 12                        | 121                       | 80                        | 78                        |                           | abandoned well            | 0                         | abandoned well            | 2,265                      |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 499-544 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name      | Pays                              | Comments                                      |
|------------|-------------|---------------|-----------------|-----------------------------------|-----------------------------------------------|
| 4706101038 | 061         | 1038          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101072 | 061         | 1072          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101081 | 061         | 1081          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101087 | 061         | 1087          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101159 | 061         | 1159          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101167 | 061         | 1167          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101181 | 061         | 1181          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101184 | 061         | 1184          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101185 | 061         | 1185          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101194 | 061         | 1194          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101200 | 061         | 1200          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101206 | 061         | 1206          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101208 | 061         | 1208          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101209 | 061         | 1209          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101215 | 061         | 1215          | Blacksville-CBM | Pgh gob; 5 months production 2004 |                                               |
| 4706101238 | 061         | 1238          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101239 | 061         | 1239          |                 | Pgh gob                           |                                               |
| 4706101240 | 061         | 1240          | Blacksville-CBM | Pgh                               |                                               |
| 4706101245 | 061         | 1245          | Blacksville-CBM | Pgh gob; 5 months production 2004 |                                               |
| 4706101256 | 061         | 1256          | Blacksville-CBM | Pgh gob                           |                                               |
| 4706101268 | 061         | 1268          |                 |                                   |                                               |
| 4706101269 | 061         | 1269          |                 |                                   |                                               |
| 4706101309 | 061         | 1309          |                 | Pgh gob                           | vent hole conversion                          |
| 4706101310 | 061         | 1310          |                 | Pgh gob                           | vent hole conversion                          |
| 4706101319 | 061         | 1319          |                 | Pgh gob                           | vent hole conversion; 1 month production 2004 |
| 4706101322 | 061         | 1322          |                 | Pgh gob                           | vent hole conversion; 1 month production 2004 |
| 4706101323 | 061         | 1323          | Blacksville-CBM | Pgh gob                           | vent hole conversion; 1 month production 2004 |
| 4706101325 | 061         | 1325          |                 | Pgh gob                           | vent hole conversion; 1 month production 2004 |
| 4706101326 | 061         | 1326          |                 | Pgh gob                           | vent hole conversion; 1 month production 2004 |
| 4706101331 | 061         | 1331          |                 | Pgh gob                           | vent hole conversion; 1 month production 2004 |
| 4706101332 | 061         | 1332          |                 | Pgh gob                           | vent hole conversion; 1 month production 2004 |
| 4706101334 | 061         | 1334          |                 | Pgh gob                           |                                               |
| 4706101335 | 061         | 1335          |                 | coal mine methane                 |                                               |
| 4706101336 | 061         | 1336          |                 | coal mine methane                 |                                               |
| 4706101337 | 061         | 1337          |                 | coal mine methane                 | 1 month production 2004                       |
| 4706101338 | 061         | 1338          |                 | coal mine methane                 |                                               |
| 4706101339 | 061         | 1339          |                 | coal mine methane                 |                                               |
| 4706101340 | 061         | 1340          |                 | coal mine methane                 |                                               |
| 4706101341 | 061         | 1341          |                 | coal mine methane                 |                                               |
| 4706101342 | 061         | 1342          |                 | coal mine methane                 |                                               |
| 4706101343 | 061         | 1343          |                 | coal mine methane                 |                                               |
| 4706101344 | 061         | 1344          |                 | coal mine methane                 |                                               |
| 4706101345 | 061         | 1345          |                 | coal mine methane                 |                                               |
| 4706101346 | 061         | 1346          |                 | coal mine methane                 |                                               |
| 4706101347 | 061         | 1347          |                 | coal mine methane                 |                                               |
| 4706101348 | 061         | 1348          |                 | coal mine methane                 |                                               |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 545-590 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator           | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|--------------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4706101349 | 061         | 1349          | Noumenon           |                     |                 | 394500            | 800730             | 2.04        | 0.13       | 574786.9             | 4396878.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101350 | 061         | 1350          | Noumenon           |                     |                 | 394230            | 801000             | 2.29        | 1.28       | 569411.1             | 4391800.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101351 | 061         | 1351          | Noumenon           |                     |                 | 394500            | 800730             | 2.11        | 0.22       | 574643.2             | 4396764.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101352 | 061         | 1352          | Noumenon           |                     |                 | 394500            | 801000             | 2.33        | 0.05       | 571348.6             | 4396378.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101353 | 061         | 1353          | Noumenon           |                     |                 | 394500            | 800730             | 2.06        | 1.37       | 572792.5             | 4396827.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101354 | 061         | 1354          | Noumenon           |                     |                 | 394500            | 800730             | 2.20        | 1.43       | 572698.2             | 4396600.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101355 | 061         | 1355          | Noumenon           |                     |                 | 394500            | 800730             | 2.13        | 1.83       | 572053.6             | 4396707.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101356 | 061         | 1356          | Noumenon           |                     |                 | 394230            | 801000             | 1.38        | 0.30       | 570975.0             | 4393280.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101357 | 061         | 1357          | Noumenon           |                     |                 | 394230            | 801000             | 1.72        | 0.85       | 570094.9             | 4392725.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101358 | 061         | 1358          | Noumenon           |                     |                 | 394230            | 801000             | 1.89        | 0.62       | 570467.5             | 4392454.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101359 | 061         | 1359          | Noumenon           |                     |                 | 394230            | 801000             | 2.18        | 1.02       | 569828.0             | 4391981.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101360 | 061         | 1360          | Noumenon           |                     |                 | 394230            | 801000             | 2.06        | 1.04       | 569794.0             | 4392174.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101361 | 061         | 1361          | Noumenon           |                     |                 | 394230            | 801000             | 2.30        | 0.67       | 570393.1             | 4391793.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101362 | 061         | 1362          | Noumenon           |                     |                 | 394230            | 801000             | 1.84        | 0.94       | 569951.8             | 4392530.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101363 | 061         | 1363          | Noumenon           |                     |                 | 394230            | 801000             | 1.17        | 0.35       | 570891.4             | 4393618.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101366 | 061         | 1366          | Dominion           |                     |                 | 394230            | 801730             | 2.46        | 1.46       | 558402.6             | 4391435.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101367 | 061         | 1367          | Dominion           |                     |                 | 394230            | 801730             | 2.51        | 1.00       | 559143.7             | 4391360.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101375 | 061         | 1375          | Dominion           |                     |                 | 394230            | 801730             | 2.60        | 1.90       | 557696.0             | 4391204.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101376 | 061         | 1376          | Dominion           |                     |                 | 394230            | 801730             | 2.58        | 2.21       | 557196.8             | 4391233.1             |                           |                           |                           |                           |                           |                           |                           |
| 4706101378 | 061         | 1378          | Dominion           |                     |                 | 394230            | 801730             | 2.67        | 1.52       | 558308.6             | 4391096.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101379 | 061         | 1379          | Dominion           |                     | 10/5/2000       | 394230            | 801730             | 1.68        | 1.89       | 557693.5             | 4392680.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101403 | 061         | 1403          | CNX                |                     | 10/9/2001       | 394000            | 802230             | 2.10        | 0.09       | 553490.8             | 4387347.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101404 | 061         | 1404          | CNX                |                     | 9/27/2001       | 394000            | 802230             | 1.81        | 2.19       | 553678.0             | 4387810.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101406 | 061         | 1406          | Consol Energy, Inc |                     | 6/18/2001       | 394000            | 802230             | 1.73        | 0.57       | 552699.6             | 4387958.0             |                           |                           |                           |                           |                           |                           |                           |
| 4706101407 | 061         | 1407          | CNX                |                     | 4/26/2001       | 394000            | 802230             | 1.99        | 0.72       | 552464.0             | 4387555.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101424 | 061         | 1424          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.39        | 1.27       | 555151.0             | 4388468.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101425 | 061         | 1425          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.18        | 1.24       | 555196.1             | 4388838.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101428 | 061         | 1428          | NW Fuel            |                     |                 | 394000            | 801730             | 0.15        | 0.54       | 559890.5             | 4390543.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101439 | 061         | 1439          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.48        | 0.84       | 555849.0             | 4388370.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101441 | 061         | 1441          | NW Fuel            |                     |                 | 394000            | 801730             | 1.09        | 0.51       | 559950.6             | 4389029.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101447 | 061         | 1447          | CNX Gas Co LLC     |                     |                 | 394000            | 801730             | 1.66        | 1.44       | 558467.1             | 4388091.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101448 | 061         | 1448          | CNX Gas Co LLC     |                     |                 | 393730            | 802000             | 0.06        | 0.46       | 556479.9             | 4386042.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101449 | 061         | 1449          | CNX Gas Co LLC     |                     |                 | 393730            | 802000             | 0.15        | 0.49       | 556433.3             | 4385887.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101450 | 061         | 1450          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.66        | 1.32       | 555082.5             | 4388067.0             |                           |                           |                           |                           |                           |                           |                           |
| 4706101451 | 061         | 1451          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.72        | 0.93       | 555702.9             | 4387979.0             |                           |                           |                           |                           |                           |                           |                           |
| 4706101452 | 061         | 1452          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.84        | 0.18       | 556919.9             | 4387802.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101453 | 061         | 1453          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.48        | 0.84       | 555843.0             | 4388380.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101454 | 061         | 1454          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.54        | 0.53       | 556344.2             | 4388291.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101455 | 061         | 1455          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.59        | 0.18       | 556916.9             | 4388203.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101456 | 061         | 1456          | CNX Gas Co LLC     |                     |                 | 394000            | 801730             | 1.83        | 1.91       | 554129.9             | 4387794.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101457 | 061         | 1457          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 1.72        | 0.31       | 556704.0             | 4387986.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101461 | 061         | 1461          | CNX Gas Co LLC     |                     |                 | 394000            | 802000             | 2.74        | 0.40       | 556573.0             | 4386351.3             |                           |                           |                           |                           |                           |                           |                           |
| 4706101463 | 061         | 1463          | CNX Gas Co LLC     |                     |                 | 373730            | 802000             | 0.36        | 0.63       | 556209.5             | 4385552.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101464 | 061         | 1464          | CNX Gas Co LLC     |                     |                 | 393730            | 802000             | 0.57        | 0.65       | 556176.0             | 4385207.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101465 | 061         | 1465          | CNX Gas Co LLC     |                     |                 | 393730            | 801500             | 0.55        | 2.20       | 560825.3             | 4385273.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101466 | 061         | 1466          | CNX Gas Co LLC     |                     |                 | 393730            | 801730             | 0.65        | 0.55       | 559920.5             | 4385112.6             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 545-590 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4706101349 | 061         | 1349          |                           | 3,577                     |                           | 2,755                     | 2,682                     | 1,809                     | 23                        |                           | 18                        | 194                       | 4                         | 11,062                     |
| 4706101350 | 061         | 1350          |                           | 2,765                     |                           | 1,202                     | 780                       | 291                       | 14                        | 2                         | 0                         | 0                         | abandoned well            | 5,054                      |
| 4706101351 | 061         | 1351          |                           | 3,577                     |                           | 2,755                     | 2,682                     | 1,801                     |                           |                           | 18                        | 193                       | 4                         | 11,030                     |
| 4706101352 | 061         | 1352          |                           | 29,179                    |                           | 18,321                    | 9,222                     | 6,463                     |                           |                           | abandoned well            | 0                         | abandoned well            | 63,185                     |
| 4706101353 | 061         | 1353          |                           | 5,775                     |                           | 2,864                     | 1,266                     | 1,204                     | 0                         | abandoned well            | 50                        | 0                         | 147                       | 11,306                     |
| 4706101354 | 061         | 1354          |                           | 5,775                     |                           | 2,864                     | 1,266                     | 1,204                     | 0                         | abandoned well            | 50                        | 0                         | 147                       | 11,306                     |
| 4706101355 | 061         | 1355          |                           | 5,775                     |                           | 2,864                     | 1,266                     | 1,204                     | 0                         | abandoned well            | 50                        | 0                         | 147                       | 11,306                     |
| 4706101356 | 061         | 1356          |                           | 14,218                    |                           | 5,437                     | 4,427                     | 2,226                     |                           | 60                        | abandoned well            | 0                         | abandoned well            | 26,368                     |
| 4706101357 | 061         | 1357          |                           | 5,462                     |                           | 19                        | 0                         | 364                       | 0                         | abandoned well            | abandoned well            | 0                         | abandoned well            | 5,845                      |
| 4706101358 | 061         | 1358          |                           | 9,009                     |                           | 2,423                     | 1,765                     | 364                       | 483                       |                           | abandoned well            | 0                         | abandoned well            | 14,044                     |
| 4706101359 | 061         | 1359          |                           | 2,765                     |                           | 1,202                     | 780                       | 291                       | 14                        | 2                         | 0                         | 0                         | abandoned well            | 5,054                      |
| 4706101360 | 061         | 1360          |                           | 2,765                     |                           | 1,202                     | 780                       | 291                       | 14                        | 2                         | 0                         | 0                         | abandoned well            | 5,054                      |
| 4706101361 | 061         | 1361          |                           | 4,290                     |                           | 2,596                     | 1,740                     | 864                       | 547                       | 13                        | abandoned well            | 0                         | abandoned well            | 10,050                     |
| 4706101362 | 061         | 1362          |                           | 4,069                     |                           | 1,086                     | 1,407                     | 364                       | 0                         | abandoned well            | abandoned well            | 0                         | abandoned well            | 6,926                      |
| 4706101363 | 061         | 1363          |                           | 47,667                    |                           | 2,881                     | 1,255                     | 76                        |                           | 20                        | 0                         | 0                         | abandoned well            | 51,899                     |
| 4706101366 | 061         | 1366          |                           |                           | 11,810                    | 8,727                     | 1,765                     | 66                        | 24                        | 6,230                     | 4,802                     | 7,002                     | 8,134                     | 48,560                     |
| 4706101367 | 061         | 1367          |                           |                           | 4,283                     | 3,501                     | 819                       | 0                         | 0                         | 1,695                     | 1,461                     | 2,434                     | 2,786                     | 16,979                     |
| 4706101375 | 061         | 1375          |                           |                           | 6,369                     | 4,165                     | 863                       | 31                        | 0                         | 2,535                     | 3,062                     | 4,175                     | 1,915                     | 23,115                     |
| 4706101376 | 061         | 1376          |                           |                           | 9,138                     | 8,423                     | 7,646                     | 50                        | 0                         | 6,875                     | 6,737                     | 9,285                     | 10,344                    | 58,498                     |
| 4706101378 | 061         | 1378          |                           |                           | 7,240                     | 5,242                     | 962                       | 41                        | 0                         | 9,510                     | 8,223                     | 12,130                    | 14,539                    | 57,887                     |
| 4706101379 | 061         | 1379          |                           |                           | 8                         | 121                       | 68                        | 4                         | 9                         | 25                        | 25                        | 251                       | 467                       | 978                        |
| 4706101403 | 061         | 1403          |                           |                           | 11,000                    | 0                         | 0                         | 0                         | 0                         | 0                         | 0-abandoned well          | 0                         | abandoned well            | 11,000                     |
| 4706101404 | 061         | 1404          |                           |                           | 16,000                    | 0                         | 0                         | 0                         | 0                         | 0                         | 0-abandoned well          | 0                         | abandoned well            | 16,000                     |
| 4706101406 | 061         | 1406          |                           |                           | 52,000                    | 0                         | 0                         | 0                         | 0                         | 0                         | abandoned well            | 0                         | abandoned well            | 52,000                     |
| 4706101407 | 061         | 1407          |                           |                           | 0                         | 0                         | 0                         | 3,058                     | 22,997                    | 17,759                    | 17,393                    | 17,428                    | 11,990                    | 90,625                     |
| 4706101424 | 061         | 1424          |                           |                           | 0                         | 0                         | 0                         | 3,588                     | 30,208                    | 39,596                    | 24,883                    | 31,863                    | 21,463                    | 151,601                    |
| 4706101425 | 061         | 1425          |                           |                           | 0                         | 0                         | 0                         | 3,547                     | 30,208                    | 39,148                    | 24,883                    | 31,863                    | 21,463                    | 151,112                    |
| 4706101428 | 061         | 1428          |                           |                           |                           | 5,699                     | 5699?                     |                           |                           | 534                       | 193                       | none reported             | none reported             | 6,426                      |
| 4706101439 | 061         | 1439          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4706101441 | 061         | 1441          |                           |                           |                           | 11,579                    | 11579?                    |                           |                           | 0                         | abandoned well            | abandoned well            | abandoned well            | 11,579                     |
| 4706101447 | 061         | 1447          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101448 | 061         | 1448          |                           |                           |                           | 0                         | 0                         | 3,017                     | 22,997                    | 18,055                    | 17,393                    | 17,428                    | 11,990                    | 90,880                     |
| 4706101449 | 061         | 1449          |                           |                           |                           |                           |                           | 3,017                     | 22,997                    | 18,055                    | 17,393                    | 17,428                    | 11,990                    | 90,880                     |
| 4706101450 | 061         | 1450          |                           |                           |                           |                           |                           | 3,588                     | 30,208                    | 39,599                    | 24,883                    | 31,863                    | 21,463                    | 151,604                    |
| 4706101451 | 061         | 1451          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101452 | 061         | 1452          |                           |                           |                           | 0                         | 0                         | 5,424                     | 37,441                    | 0                         | 24,883                    | 31,863                    | 21,463                    | 121,074                    |
| 4706101453 | 061         | 1453          |                           |                           |                           | 0                         | 0                         | 3,547                     | 30,208                    | 39,150                    | 24,883                    | 31,863                    | 21,463                    | 151,114                    |
| 4706101454 | 061         | 1454          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101455 | 061         | 1455          |                           |                           |                           | 0                         | 0                         | 5,424                     | 37,441                    | 0                         | 24,883                    | 31,863                    | 21,463                    | 121,074                    |
| 4706101456 | 061         | 1456          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101457 | 061         | 1457          |                           |                           |                           | 0                         | 0                         | 5,461                     | 37,440                    | 0                         | 24,883                    | 31,863                    | 21,463                    | 121,110                    |
| 4706101461 | 061         | 1461          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101463 | 061         | 1463          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101464 | 061         | 1464          |                           |                           |                           | 0                         | 0                         | 3,058                     | 22,997                    | 17,759                    | 17,393                    | 17,428                    | 11,990                    | 90,625                     |
| 4706101465 | 061         | 1465          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101466 | 061         | 1466          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 545-590 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name                   | Pays                                                              | Comments                                                            |
|------------|-------------|---------------|------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|
| 4706101349 | 061         | 1349          |                              | coal mine methane                                                 |                                                                     |
| 4706101350 | 061         | 1350          |                              | coal mine methane                                                 |                                                                     |
| 4706101351 | 061         | 1351          |                              | coal mine methane                                                 |                                                                     |
| 4706101352 | 061         | 1352          |                              | coal mine methane                                                 |                                                                     |
| 4706101353 | 061         | 1353          |                              | coal mine methane                                                 |                                                                     |
| 4706101354 | 061         | 1354          |                              | coal mine methane                                                 |                                                                     |
| 4706101355 | 061         | 1355          |                              | coal mine methane                                                 |                                                                     |
| 4706101356 | 061         | 1356          |                              | coal mine methane                                                 |                                                                     |
| 4706101357 | 061         | 1357          |                              | coal mine methane                                                 |                                                                     |
| 4706101358 | 061         | 1358          |                              | coal mine methane                                                 |                                                                     |
| 4706101359 | 061         | 1359          |                              | coal mine methane                                                 |                                                                     |
| 4706101360 | 061         | 1360          |                              | coal mine methane                                                 |                                                                     |
| 4706101361 | 061         | 1361          |                              | coal mine methane                                                 |                                                                     |
| 4706101362 | 061         | 1362          |                              | coal mine methane                                                 |                                                                     |
| 4706101363 | 061         | 1363          |                              | coal mine methane                                                 |                                                                     |
| 4706101366 | 061         | 1366          |                              | coal mine methane                                                 | vent hole conversion                                                |
| 4706101367 | 061         | 1367          |                              | Pgh gob                                                           | vent hole conversion                                                |
| 4706101375 | 061         | 1375          |                              | Pgh gob                                                           | vent hole conversion; 1 month production 2004                       |
| 4706101376 | 061         | 1376          |                              | Pgh gob                                                           | vent hole conversion; 1 month production 2004                       |
| 4706101378 | 061         | 1378          |                              | Pgh gob                                                           | vent hole conversion; 1 month production 2004                       |
| 4706101379 | 061         | 1379          | Blacksville-CBM              | Pgh gob                                                           | uphole completion; 1 month production 2004                          |
| 4706101403 | 061         | 1403          | St Leo CBM (Maple-Wadestown) | Kit                                                               |                                                                     |
| 4706101404 | 061         | 1404          | St Leo CBM                   | Swkly, Redst, Pgh, Bak, BrshCrk, UpFrpt, LwrFrpt,LwrKit,Brkvle,Up | workover permit 07/22/2005 for horizontals drilled from 061 1500 to |
| 4706101406 | 061         | 1406          | St Leo CBM (Maple-Wadestown) | Swkly, Redst, Pgh, Bak, BrshCrk, UpFrpt, LwrFrpt,Kit              | workover permit 07/22/2005 for horizontals drilled from 061 1501 to |
| 4706101407 | 061         | 1407          | St Leo CBM                   | Swkly, Redst,Pgh,Bak,MidFrpt, MidKit,LwrKit                       |                                                                     |
| 4706101424 | 061         | 1424          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101425 | 061         | 1425          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101428 | 061         | 1428          |                              | Pgh; borehole conversion                                          | vent hole conversion                                                |
| 4706101439 | 061         | 1439          |                              | shale above Pgh coal; gob well                                    | Pgh; vent hole conversion                                           |
| 4706101441 | 061         | 1441          |                              | Pgh; borehole conversion                                          | vent hole conversion                                                |
| 4706101447 | 061         | 1447          |                              | shale above Pgh coal; gob well                                    | Pgh; vent hole conversion                                           |
| 4706101448 | 061         | 1448          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101449 | 061         | 1449          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101450 | 061         | 1450          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101451 | 061         | 1451          |                              | Pgh; borehole conversion                                          |                                                                     |
| 4706101452 | 061         | 1452          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101453 | 061         | 1453          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101454 | 061         | 1454          |                              | Pgh; borehole conversion                                          |                                                                     |
| 4706101455 | 061         | 1455          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101456 | 061         | 1456          |                              | Pgh; borehole conversion                                          |                                                                     |
| 4706101457 | 061         | 1457          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101461 | 061         | 1461          |                              | Pgh; borehole conversion                                          |                                                                     |
| 4706101463 | 061         | 1463          |                              | Pgh; borehole conversion                                          |                                                                     |
| 4706101464 | 061         | 1464          |                              | Pgh; borehole conversion                                          | 3 months production 2004                                            |
| 4706101465 | 061         | 1465          |                              | Pgh; borehole conversion                                          |                                                                     |
| 4706101466 | 061         | 1466          |                              | Pgh; borehole conversion                                          |                                                                     |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 591-632 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator          | Subsequent Operator                   | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|-------------------|---------------------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4706101467 | 061         | 1467          | CNX Gas Co LLC    |                                       |                 | 393730            | 801730             | 0.82        | 0.59       | 559851.1             | 4384834.4             |                           |                           |                           |                           |                           |                           |                           |
| 4706101468 | 061         | 1468          | CNX Gas Co LLC    |                                       |                 | 393730            | 802000             | 2.02        | 0.54       | 556326.2             | 4387490.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101470 | 061         | 1470          | CNX Gas Co LLC    |                                       |                 | 373730            | 801730             | 0.86        | 1.90       | 557729.3             | 4384756.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101471 | 061         | 1471          | CNX Gas Co LLC    |                                       |                 | 393730            | 801730             | 0.73        | 1.89       | 557764.3             | 4384968.4             |                           |                           |                           |                           |                           |                           |                           |
| 4706101475 | 061         | 1475          | CNX Gas Co LLC    |                                       |                 | 394000            | 802000             | 1.26        | 0.74       | 556007.4             | 4388726.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101494 | 061         | 1494          | CNX Gas Co LLC    |                                       |                 | 394000            | 802000             | 1.89        | 1.29       | 555129.1             | 4387705.0             |                           |                           |                           |                           |                           |                           |                           |
| 4706101495 | 061         | 1495          | CNX Gas Co LLC    |                                       |                 | 394500            | 802000             | 2.15        | 0.11       | 556964.0             | 4396548.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101500 | 061         | 1500          | CNX Gas Co LLC    |                                       | 9/25/2005       | 394000            | 802000             | 1.89        | 2.21       | 553647.4             | 4387694.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101501 | 061         | 1501          | CNX Gas Co LLC    |                                       | 10/27/2005      | 394000            | 802000             | 1.80        | 0.60       | 552663.8             | 4387832.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101529 | 061         | 1529          | CNX Gas Co LLC    |                                       | 1/31/2007       | 394500            | 802230             | 2.84        | 0.01       | 553561.3             | 4395412.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101531 | 061         | 1531          | CNX Gas Co LLC    |                                       | 4/29/2007       | 394230            | 802000             | 0.02        | 1.53       | 554688.3             | 4395338.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101537 | 061         | 1537          | CNX Gas Co LLC    |                                       | 5/11/2007       | 394230            | 802000             | 1.01        | 2.04       | 553878.9             | 4393738.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101544 | 061         | 1544          | CNX Gas Co LLC    |                                       | 3/3/2008        | 394230            | 802000             | 1.28        | 1.14       | 555330.3             | 4393313.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101550 | 061         | 1550          | CNX Gas Co LLC    |                                       |                 | 394000            | 802230             | 0.80        | 0.14       | 553393.5             | 4389448.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706101551 | 061         | 1551          | CNX Gas Co LLC    |                                       |                 | 394000            | 802230             | 0.86        | 0.12       | 553426.3             | 4389352.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101552 | 061         | 1552          | CNX Gas Co LLC    |                                       | 6/28/2008       | 394230            | 802000             | 2.87        | 1.72       | 554415.0             | 4390745.8             |                           |                           |                           |                           |                           |                           |                           |
| 4706101557 | 061         | 1557          | CNX Gas Co LLC    |                                       | 4/28/2008       | 394230            | 802230             | 2.65        | 0.50       | 552802.6             | 4391088.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101559 | 061         | 1559          | CNX Gas Co LLC    |                                       | 9/28/2007       | 394230            | 802230             | 1.54        | 1.18       | 551695.9             | 4392869.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101561 | 061         | 1561          | CNX Gas Co LLC    |                                       | 10/31/2007      | 394230            | 802230             | 0.14        | 0.94       | 552066.9             | 4395127.2             |                           |                           |                           |                           |                           |                           |                           |
| 4706101566 | 061         | 1566          | CNX Gas Co LLC    |                                       | 2/10/2008       | 394000            | 802000             | 0.50        | 1.82       | 554259.8             | 4389937.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101567 | 061         | 1567          | CNX Gas Co LLC    |                                       | 2/10/2008       | 394000            | 802000             | 0.54        | 1.89       | 554147.5             | 4389872.7             |                           |                           |                           |                           |                           |                           |                           |
| 4706101572 | 061         | 1572          | CNX Gas Co LLC    |                                       | 4/4/2008        | 394230            | 802230             | 0.40        | 1.58       | 551040.0             | 4394701.5             |                           |                           |                           |                           |                           |                           |                           |
| 4706101573 | 061         | 1573          | CNX Gas Co LLC    |                                       | 3/3/2008        | 394230            | 802000             | 1.88        | 1.25       | 555160.2             | 4392345.9             |                           |                           |                           |                           |                           |                           |                           |
| 4706101578 | 061         | 1578          | CNX Gas Co LLC    |                                       | 8/3/2008        | 394000            | 802230             | 0.61        | 0.98       | 552038.9             | 4389745.4             |                           |                           |                           |                           |                           |                           |                           |
| 4706101581 | 061         | 1581          | CNX Gas Co LLC    |                                       | 9/3/2008        | 394230            | 802230             | 1.32        | 0.20       | 553270.7             | 4393234.6             |                           |                           |                           |                           |                           |                           |                           |
| 4706900050 | 069         | 50            | Jesmar Energy Inc |                                       | 1/29/2004       | 400730            | 803230             | 1.83        | 0.50       | 538263.8             | 4438569.5             |                           |                           |                           |                           |                           |                           |                           |
| 4708100925 | 081         | 925           | College of WV     | Mountain State University             | 11/5/1991       | 375230            | 811730             | 2.70        | 0.84       | 472990.3             | 4187440.0             | 504                       |                           | 474                       | 4,237                     | 4,099                     | 4,169                     | 3,648                     |
| 4708101000 | 081         | 1000          | College of WV     | Mountain State University             | 8/15/1995       | 375230            | 811730             | 2.65        | 1.20       | 472403.8             | 4187534.2             |                           |                           |                           | 20                        | 139                       | 382                       |                           |
| 4708101099 | 081         | 1099          | Penn Virginia     |                                       | 12/22/1997      | 375500            | 811500             | 2.12        | 1.93       | 474913.9             | 4192981.2             |                           |                           |                           |                           |                           | na                        |                           |
| 4708101132 | 081         | 1132          | Energy Search     | Exco-North Coast Energy Eastern, Inc. | 5/27/1999       | 374730            | 811230             | 1.23        | 1.93       | 478545.2             | 4180550.5             |                           |                           |                           |                           |                           |                           |                           |
| 4708101133 | 081         | 1133          | Energy Search     | Exco-North Coast Energy Eastern, Inc. | 5/28/1999       | 374730            | 811230             | 1.55        | 1.84       | 478691.0             | 4180026.5             |                           |                           |                           |                           |                           |                           | 130                       |
| 4708101143 | 081         | 1143          | Penn Virginia     |                                       | 8/24/1998       | 374730            | 812230             | 2.34        | 0.09       | 466820.6             | 4178802.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101144 | 081         | 1144          | Penn Virginia     |                                       | 10/13/1999      | 375500            | 811730             | 2.41        | 0.23       | 473984.5             | 4192521.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101145 | 081         | 1145          | Amvest Oil & Gas  | CDX Gas                               | 10/24/1998      | 375000            | 811730             | 1.65        | 0.15       | 474081.4             | 4184508.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101146 | 081         | 1146          | Amvest Oil & Gas  | CDX Gas                               | 11/4/1998       | 375230            | 811500             | 2.37        | 0.75       | 476805.0             | 4187952.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101147 | 081         | 1147          | Amvest Oil & Gas  | CDX Gas                               | 11/12/1998      | 375000            | 811730             | 1.53        | 0.53       | 473470.2             | 4184695.5             |                           |                           |                           |                           |                           |                           |                           |
| 4708101148 | 081         | 1148          | Penn Virginia     |                                       | 9/2/1998        | 375500            | 811500             | 2.68        | 2.27       | 474373.7             | 4192089.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101162 | 081         | 1162          | Energy Search     | Exco-North Coast Energy Eastern, Inc. | 10/9/1999       | 374730            | 811230             | 0.98        | 0.94       | 480136.6             | 4180948.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101178 | 081         | 1178          | Energy Search     | Exco-North Coast Energy Eastern, Inc. | 6/1/2000        | 374500            | 811730             | 2.53        | 2.26       | 470656.6             | 4173850.8             |                           |                           |                           |                           |                           |                           |                           |
| 4708101224 | 081         | 1224          | Energy Search     | Exco-North Coast Energy Eastern, Inc. | 4/11/2001       | 374500            | 812000             | 1.57        | 0.74       | 469435.1             | 4175401.1             |                           |                           |                           |                           |                           |                           |                           |
| 4708101256 | 081         | 1256          | Energy Search     | Exco-North Coast Energy Eastern, Inc. | 08//2002        | 374500            | 812000             | 2.40        | 1.40       | 468368.4             | 4174068.6             |                           |                           |                           |                           |                           |                           |                           |
| 4708101257 | 081         | 1257          | Energy Search     |                                       | 9/23/2002       | 374500            | 811730             | 2.77        | 1.33       | 472151.5             | 4173459.1             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 591-632 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4706101467 | 061         | 1467          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101468 | 061         | 1468          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101470 | 061         | 1470          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101471 | 061         | 1471          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4706101475 | 061         | 1475          |                           |                           |                           | 0                         | 0                         | 3,548                     | 30,199                    | 39,142                    | 24,883                    | 31,863                    | 21,463                    | 151,098                    |
| 4706101494 | 061         | 1494          |                           |                           |                           |                           |                           | 3,588                     | 30,208                    | 39,599                    | 24,883                    | 31,863                    | 21,463                    | 151,604                    |
| 4706101495 | 061         | 1495          |                           |                           |                           |                           |                           |                           | 17,191                    | 28,261                    | 28,890                    | 0                         | 37,048                    | 111,390                    |
| 4706101500 | 061         | 1500          |                           |                           |                           |                           |                           |                           | 0                         | 90,873                    | 59,458                    | 54,261                    | 55,244                    | 259,836                    |
| 4706101501 | 061         | 1501          |                           |                           |                           |                           |                           |                           | 1,719                     |                           | 30,530                    | 37,607                    | 42,985                    | 112,841                    |
| 4706101529 | 061         | 1529          |                           |                           |                           |                           |                           |                           |                           |                           | 97,985                    | 105,882                   | 91,195                    | 295,062                    |
| 4706101531 | 061         | 1531          |                           |                           |                           |                           |                           |                           |                           |                           | 36,814                    | 73,320                    | 71,294                    | 181,428                    |
| 4706101537 | 061         | 1537          |                           |                           |                           |                           |                           |                           |                           |                           | 93,944                    | 188,211                   | 154,712                   | 436,867                    |
| 4706101544 | 061         | 1544          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 117,215                   | 93,604                    | 210,819                    |
| 4706101550 | 061         | 1550          |                           |                           |                           |                           |                           |                           |                           |                           | 22,403                    | 158,440                   | 146,941                   | 327,784                    |
| 4706101551 | 061         | 1551          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4706101552 | 061         | 1552          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 93,677                    | 203,185                   | 296,862                    |
| 4706101557 | 061         | 1557          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 66,665                    | 116,134                   | 182,799                    |
| 4706101559 | 061         | 1559          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 104,633                   | 106,990                   | 211,623                    |
| 4706101561 | 061         | 1561          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 86,736                    | 80,203                    | 166,939                    |
| 4706101566 | 061         | 1566          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4706101567 | 061         | 1567          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4706101572 | 061         | 1572          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 75,493                    | 109,995                   | 185,488                    |
| 4706101573 | 061         | 1573          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 108,709                   | 117,476                   | 226,185                    |
| 4706101578 | 061         | 1578          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 6,552                     | 37,381                    | 43,933                     |
| 4706101581 | 061         | 1581          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 21,551                    | 130,749                   | 152,300                    |
| 4706900050 | 069         | 50            |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708100925 | 081         | 925           | 3,883                     |                           | 4,280                     | 3,834                     | 3,524                     | 1,824                     |                           | 2,382                     | 1,348                     | 1,641                     | 130                       | 39,977                     |
| 4708101000 | 081         | 1000          | 0                         |                           |                           | 0                         | abandoned well            | abandoned well            |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 521                        |
| 4708101099 | 081         | 1099          |                           |                           |                           | abandoned we              | future use                |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101132 | 081         | 1132          | 188                       |                           |                           | 0                         | abandoned well            |                           |                           | abandoned/ordered         | abandoned/ordered         | abandoned well            | plugged                   | 188                        |
| 4708101133 | 081         | 1133          | 366                       |                           |                           | 0                         | abandoned well            |                           |                           | abandoned/ordered         | abandoned/ordered         | abandoned well            | plugged                   | 496                        |
| 4708101143 | 081         | 1143          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4708101144 | 081         | 1144          |                           |                           |                           | 32,458                    | 0                         | 0                         | 27,956                    | 32,136                    | 30,278                    | 32,729                    | 8,318                     | 163,875                    |
| 4708101145 | 081         | 1145          |                           |                           |                           |                           | abandoned well            | 13,790                    |                           |                           | 5,656                     | 32,956                    | 1,505                     | 53,907                     |
| 4708101146 | 081         | 1146          |                           |                           |                           |                           | abandoned well            |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101147 | 081         | 1147          |                           |                           |                           |                           | abandoned well            |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101148 | 081         | 1148          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4708101162 | 081         | 1162          |                           |                           |                           | abandoned we              | 57                        |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 57                         |
| 4708101178 | 081         | 1178          |                           |                           |                           | 71                        | 0                         |                           |                           | abandoned/ordered         | abandoned/ordered         | abandoned well            | abandoned well            | 71                         |
| 4708101224 | 081         | 1224          |                           |                           |                           |                           |                           |                           |                           | abandoned/ordered         | abandoned/ordered         | abandoned well            | abandoned well            | 0                          |
| 4708101256 | 081         | 1256          |                           |                           |                           | 15,681                    | 33,693                    | 19,010                    | 9,031                     | 0                         | abandoned well            | abandoned well            | abandoned well            | 77,415                     |
| 4708101257 | 081         | 1257          |                           |                           |                           |                           |                           |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 591-632 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays                                           | Comments                                                                                     |
|------------|-------------|---------------|------------|------------------------------------------------|----------------------------------------------------------------------------------------------|
| 4706101467 | 061         | 1467          |            | Pgh; borehole conversion                       |                                                                                              |
| 4706101468 | 061         | 1468          |            | Pgh; borehole conversion                       |                                                                                              |
| 4706101470 | 061         | 1470          |            | Pgh; borehole conversion                       |                                                                                              |
| 4706101471 | 061         | 1471          |            | Pgh; borehole conversion                       |                                                                                              |
| 4706101475 | 061         | 1475          |            | Pgh; borehole conversion                       | 3 months production 2004                                                                     |
| 4706101494 | 061         | 1494          |            | Pgh; borehole conversion                       | 3 months production 2004                                                                     |
| 4706101495 | 061         | 1495          |            | Pgh; borehole conversion                       | 5 months production 2005                                                                     |
| 4706101500 | 061         | 1500          | St Leo CBM | Pgh; borehole conversion                       |                                                                                              |
| 4706101501 | 061         | 1501          |            | Pgh; horizontal legs produced from 061 1404    |                                                                                              |
| 4706101529 | 061         | 1529          |            | Pgh; 3 horizontal legs produced from 061 1406  | 9+ months production 2007                                                                    |
| 4706101531 | 061         | 1531          |            | Pgh; 2 horizontal legs                         | 7+ months production 2007                                                                    |
| 4706101537 | 061         | 1537          |            | Pgh; 3 horizontal legs                         | 6+ months production 2007                                                                    |
| 4706101544 | 061         | 1544          |            | Pgh; 3 horizontal legs                         | 10 months production 2008                                                                    |
| 4706101550 | 061         | 1550          |            | Pgh; 3 horizontal legs; service well           | 2 months production 2007; 2 prod records 2008-158,440 and 107,615                            |
| 4706101551 | 061         | 1551          |            | Pgh; 3 horizontal legs; produced from 061 1550 |                                                                                              |
| 4706101552 | 061         | 1552          |            | Pgh; 3 horizontal legs                         | 5+ months production 2008                                                                    |
| 4706101557 | 061         | 1557          |            | Pgh; 3 horizontal legs                         | 7+ monhs production 2008                                                                     |
| 4706101559 | 061         | 1559          |            | Pgh; 3 horizontal legs                         |                                                                                              |
| 4706101561 | 061         | 1561          |            | Pgh; 3 horizontal legs                         |                                                                                              |
| 4706101566 | 061         | 1566          |            | Pgh; 3 horizontal legs                         |                                                                                              |
| 4706101567 | 061         | 1567          |            | Pgh; 4 horizontal legs                         |                                                                                              |
| 4706101572 | 061         | 1572          |            | Pgh; 3 horizontal legs                         | 8+ months production 2008                                                                    |
| 4706101573 | 061         | 1573          |            | Pgh; 4 horizontal legs                         | 9+ months production 2008                                                                    |
| 4706101578 | 061         | 1578          |            | Pgh; 3 horizontal legs                         | 2+ months production 2008                                                                    |
| 4706101581 | 061         | 1581          |            | Pgh; 4 horizontal legs                         | 2 months production 2008                                                                     |
| 4706900050 | 069         | 50            |            | Pgh gob                                        |                                                                                              |
| 4708100925 | 081         | 925           | Slab Fork  | Poca 3,4                                       |                                                                                              |
| 4708101000 | 081         | 1000          | Slab Fork  | Poca 3                                         | Beckley wet and plugged off                                                                  |
| 4708101099 | 081         | 1099          | unnamed    | Beck                                           |                                                                                              |
| 4708101132 | 081         | 1132          | Mabscott   | Poca 3,2                                       | plugging plat 02/25/2005; plugged 01/26/2010                                                 |
| 4708101133 | 081         | 1133          | Mabscott   | Poca 3,2                                       | plugged back from Ravencliff; plugged 01/22/2010                                             |
| 4708101143 | 081         | 1143          | unnamed    | Beck                                           | plugging plat 06/04/2004                                                                     |
| 4708101144 | 081         | 1144          | unnamed    | Beck                                           | open mine; only 4 months production 2002                                                     |
| 4708101145 | 081         | 1145          | Slab Fork  | Poca 3;2                                       | worked over 05/22/2000; Poca 2 completed; 6 months production 2007; 9 months production 2008 |
| 4708101146 | 081         | 1146          | Slab Fork  | Poca 3;2,4,6,9                                 | worked over 06/07/2000; other coals completed                                                |
| 4708101147 | 081         | 1147          | Slab Fork  | Poca 3; 2,6,9,Beck                             | worked over 05/31/2000; other coals completed                                                |
| 4708101148 | 081         | 1148          | unnamed    | Beck                                           | plugging plat 06/04/2004                                                                     |
| 4708101162 | 081         | 1162          | Mabscott   | Poca 3                                         | 1 month production 2003; plugged 01/28/2005                                                  |
| 4708101178 | 081         | 1178          | Slab Fork  | Beck,FireCk,Poca 3                             | 1 month production 2002; plugging plat 02/18/2005                                            |
| 4708101224 | 081         | 1224          |            | dry hole                                       |                                                                                              |
| 4708101256 | 081         | 1256          |            | Poca 3 laterals (3); 160 bw/d initial test     | 4 months production 2002; 11 months production 2005                                          |
| 4708101257 | 081         | 1257          |            | Poca 3 laterals (3)                            | dry hole, plugged 02/09/2005                                                                 |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 633-676 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator         | Subsequent Operator                   | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|------------------|---------------------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4708101268 | 081         | 1268          | Energy Search    | Exco-North Coast Energy Eastern, Inc. | 9/3/2002        | 374500            | 812000             | 0.59        | 0.02       | 470598.8             | 4176974.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101270 | 081         | 1270          | Energy Search    | Exco-North Coast Energy Eastern, Inc. | 7/29/2003       | 374500            | 812000             | 1.09        | 0.04       | 470554.7             | 4176168.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101286 | 081         | 1286          | Energy Search    |                                       | 9/3/2002        | 374230            | 812230             | 0.80        | 0.40       | 466303.3             | 4172024.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101293 | 081         | 1293          | Energy Search    | Exco-North Coast Energy Eastern, Inc. | 4/28/2003       | 374500            | 811500             | 0.21        | 1.47       | 475601.1             | 4177569.6             |                           |                           |                           |                           |                           |                           |                           |
| 4708101298 | 081         | 1298          | Amvest Oil & Gas | CDX Gas                               | 4/19/2003       | 374730            | 812000             | 0.95        | 1.23       | 468663.9             | 4181013.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101299 | 081         | 1299          | Amvest Oil & Gas | CDX Gas                               | 4/19/2003       | 374730            | 812000             | 0.63        | 1.23       | 468665.9             | 4181537.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101300 | 081         | 1300          | Amvest Oil & Gas | CDX Gas                               | 5/21/2003       | 374730            | 812230             | 1.79        | 0.92       | 465502.6             | 4179670.5             |                           |                           |                           |                           |                           |                           |                           |
| 4708101301 | 081         | 1301          | Amvest Oil & Gas | CDX Gas                               | 2/28/2003       | 374730            | 812230             | 1.38        | 0.77       | 465725.6             | 4180347.6             |                           |                           |                           |                           |                           |                           |                           |
| 4708101327 | 081         | 1327          | Amvest Oil & Gas | CDX Gas                               | 11/1/2004       | 375000            | 811500             | 1.30        | 2.18       | 474486.7             | 4185064.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101328 | 081         | 1328          | Amvest Oil & Gas | CDX Gas                               | 9/23/2004       | 375000            | 811500             | 1.17        | 1.90       | 474938.0             | 4185272.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101335 | 081         | 1335          | Penn Virginia    | Dominion E & P                        | 4/19/2005       | 375230            | 812230             | 0.55        | 1.43       | 464716.1             | 4190930.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101336 | 081         | 1336          | Penn Virginia    | Dominion E & P                        | 3/28/2005       | 375230            | 812230             | 0.55        | 1.39       | 464780.5             | 4190930.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101337 | 081         | 1337          | Penn Virginia    | Dominion E & P                        | 4/19/2005       | 375230            | 812230             | 0.60        | 1.49       | 464619.3             | 4190850.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101348 | 081         | 1348          | Penn Virginia    | Dominion E & P                        | 6/9/2005        | 374730            | 812500             | 0.24        | 1.93       | 460204.8             | 4182205.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101349 | 081         | 1349          | Penn Virginia    | Dominion E & P                        | 7/10/2005       | 374730            | 812500             | 0.21        | 1.89       | 460269.5             | 4182253.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101350 | 081         | 1350          | Penn Virginia    | Dominion E & P                        | 6/9/2005        | 374730            | 812500             | 0.29        | 1.94       | 460188.3             | 4182124.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101356 | 081         | 1356          | Penn Virginia    | Dominion E & P                        | 7/20/2005       | 375000            | 812730             | 2.80        | 0.89       | 458212.8             | 4182715.3             |                           |                           |                           |                           |                           |                           |                           |
| 4708101357 | 081         | 1357          | Penn Virginia    | Dominion E & P                        | 8/17/2005       | 375000            | 812730             | 2.78        | 0.85       | 458277.3             | 4182747.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101358 | 081         | 1358          | Penn Virginia    | Dominion E & P                        | 7/20/2005       | 375000            | 812730             | 2.77        | 0.93       | 428148.6             | 4182764.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101365 | 081         | 1365          | CDX Gas          |                                       | 8/20/2005       | 374500            | 812000             | 2.40        | 1.39       | 468384.5             | 4174068.5             |                           |                           |                           |                           |                           |                           |                           |
| 4708101366 | 081         | 1366          | CDX Gas          |                                       | 8/20/2005       | 374500            | 812000             | 2.43        | 1.33       | 465480.9             | 4174019.8             |                           |                           |                           |                           |                           |                           |                           |
| 4708101374 | 081         | 1374          | Penn Virginia    | Dominion E & P                        | 1/21/2006       | 375000            | 812730             | 2.30        | 2.23       | 456060.0             | 4183531.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101382 | 081         | 1382          | Penn Virginia    |                                       | 3/18/2006       | 374730            | 812730             | 0.59        | 2.16       | 456162.7             | 4181661.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101385 | 081         | 1385          | Penn Virginia    |                                       | 3/14/2006       | 374730            | 812500             | 1.71        | 1.14       | 461465.5             | 4179831.8             |                           |                           |                           |                           |                           |                           |                           |
| 4708101386 | 081         | 1386          | Penn Virginia    |                                       | 4/24/2006       | 374730            | 812500             | 1.76        | 1.12       | 461497.4             | 4179751.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101388 | 081         | 1388          | Penn Virginia    |                                       | 3/31/2006       | 374730            | 812500             | 2.14        | 0.14       | 463072.7             | 4179132.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101389 | 081         | 1389          | Penn Virginia    |                                       | 2/27/2006       | 374730            | 812500             | 2.24        | 0.19       | 432991.5             | 4178971.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101391 | 081         | 1391          | Penn Virginia    |                                       | 7/21/2006       | 374730            | 812730             | 0.52        | 2.14       | 456195.5             | 4181774.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101393 | 081         | 1393          | Amvest Oil & Gas | CDX Gas                               | 3/12/2006       | 375000            | 811500             | 1.70        | 1.89       | 474951.5             | 4184418.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101397 | 081         | 1397          | CDX Gas          |                                       | 10/9/2006       | 374500            | 811730             | 1.52        | 2.05       | 471000.2             | 4175475.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101403 | 081         | 1403          | Penn Virginia    | Dominion E & P                        | 4/12/2006       | 375230            | 812000             | 0.83        | 0.65       | 469633.7             | 4190460.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101404 | 081         | 1404          | Penn Virginia    | Dominion E & P                        | 12/21/2006      | 375230            | 812000             | 0.80        | 0.60       | 469714.3             | 4190508.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101405 | 081         | 1405          | Penn Virginia    | Dominion E & P                        | 2/6/2007        | 375230            | 812000             | 0.86        | 0.71       | 469537.1             | 4190412.5             |                           |                           |                           |                           |                           |                           |                           |
| 4708101406 | 081         | 1406          | Penn Virginia    |                                       | 11/30/2006      | 375230            | 812000             | 0.14        | 1.38       | 468464.0             | 4191575.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101407 | 081         | 1407          | Penn Virginia    | Dominion E & P                        | 1/28/2007       | 375230            | 812000             | 0.06        | 1.37       | 468480.6             | 4191704.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101419 | 081         | 1419          | CDX Gas          |                                       | 6/15/2007       | 374500            | 812000             | 1.66        | 1.84       | 467665.3             | 4175262.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101423 | 081         | 1423          | CDX Gas          |                                       | 3/21/2007       | 374730            | 811500             | 1.39        | 0.41       | 477322.0             | 4180288.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101429 | 081         | 1429          | CDX Gas          |                                       | 6/25/2007       | 374730            | 811230             | 0.33        | 2.20       | 478113.9             | 4181992.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101430 | 081         | 1430          | CDX Gas          |                                       | 8/23/2007       | 374730            | 811230             | 0.30        | 2.16       | 478178.5             | 4182041.1             |                           |                           |                           |                           |                           |                           |                           |
| 4708101432 | 081         | 1432          | CDX Gas          |                                       | 7/4/2007        | 375000            | 811500             | 2.59        | 1.02       | 476347.5             | 4182981.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101433 | 081         | 1433          | CDX Gas          |                                       | 10/4/2007       | 375000            | 811500             | 2.67        | 1.10       | 476218.4             | 4182853.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101439 | 081         | 1439          | Penn Virginia    | Dominion E & P                        | 11/5/2007       | 375230            | 812500             | 0.09        | 0.64       | 462325.0             | 4191682.3             |                           |                           |                           |                           |                           |                           |                           |
| 4708101441 | 081         | 1441          | CDX Gas          |                                       | 8/23/2007       | 374730            | 811230             | 0.33        | 2.20       | 478113.9             | 4181992.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101444 | 081         | 1444          | CDX Gas          |                                       | 8/31/2007       | 375000            | 811500             | 2.59        | 1.02       | 476347.5             | 4182981.4             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 633-676 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4708101268 | 081         | 1268          |                           |                           |                           | 9,649                     | 25,335                    | 28,182                    | 16,714                    | 782                       | abandoned well            | abandoned well            | abandoned well            | 80,662                     |
| 4708101270 | 081         | 1270          |                           |                           |                           |                           |                           |                           |                           | plugged                   |                           | under construction        | under construction        | 0                          |
| 4708101286 | 081         | 1286          |                           |                           |                           |                           |                           |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4708101293 | 081         | 1293          |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101298 | 081         | 1298          |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101299 | 081         | 1299          |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101300 | 081         | 1300          |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101301 | 081         | 1301          |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4708101327 | 081         | 1327          |                           |                           |                           |                           |                           | 527                       |                           |                           | 29,824                    | 51,503                    | 26,411                    | 108,265                    |
| 4708101328 | 081         | 1328          |                           |                           |                           |                           |                           | 587                       |                           |                           | abandoned well            | abandoned well            | abandoned well            | 587                        |
| 4708101335 | 081         | 1335          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4708101336 | 081         | 1336          |                           |                           |                           |                           |                           |                           | 138,203                   | 224,705                   | 174,331                   | 148,004                   | 62,941                    | 748,184                    |
| 4708101337 | 081         | 1337          |                           |                           |                           |                           |                           |                           | 113,404                   | 225,301                   | 146,176                   | 114,691                   | 59,821                    | 659,393                    |
| 4708101348 | 081         | 1348          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4708101349 | 081         | 1349          |                           |                           |                           |                           |                           |                           | 22,423                    | 72,875                    | 91,375                    | 71,623                    | 55,103                    | 313,399                    |
| 4708101350 | 081         | 1350          |                           |                           |                           |                           |                           |                           | 47,487                    | 250,256                   | 204,388                   | 102,864                   | 112,106                   | 717,101                    |
| 4708101356 | 081         | 1356          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4708101357 | 081         | 1357          |                           |                           |                           |                           |                           |                           |                           | 273,958                   | 107,386                   | 118,907                   | 76,502                    | 576,753                    |
| 4708101358 | 081         | 1358          |                           |                           |                           |                           |                           |                           | 1,604                     | 293,242                   | 261,412                   | 146,302                   | 94,689                    | 797,249                    |
| 4708101365 | 081         | 1365          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4708101366 | 081         | 1366          |                           |                           |                           |                           |                           |                           |                           | 114,729                   | 34,063                    | 8,035                     | 8,035                     | 164,862                    |
| 4708101374 | 081         | 1374          |                           |                           |                           |                           |                           |                           |                           | 19,875                    | 14,233                    | 6,790                     | 4,206                     | 45,104                     |
| 4708101382 | 081         | 1382          |                           |                           |                           |                           |                           |                           |                           |                           | 0                         | 2,672                     | abandoned well            | 2,672                      |
| 4708101385 | 081         | 1385          |                           |                           |                           |                           |                           |                           |                           |                           | 62,805                    | 324,260                   | 264,363                   | 651,428                    |
| 4708101386 | 081         | 1386          |                           |                           |                           |                           |                           |                           |                           |                           | 312,855                   | 217,388                   | 94,414                    | 624,657                    |
| 4708101388 | 081         | 1388          |                           |                           |                           |                           |                           |                           |                           |                           | 11,734                    | 124,845                   | 81,270                    | 217,849                    |
| 4708101389 | 081         | 1389          |                           |                           |                           |                           |                           |                           |                           |                           | 7,111                     | 80,628                    | 27,818                    | 115,557                    |
| 4708101391 | 081         | 1391          |                           |                           |                           |                           |                           |                           |                           |                           | 0                         | 24,954                    | 99,109                    | 124,063                    |
| 4708101393 | 081         | 1393          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | not available             | 0                          |
| 4708101397 | 081         | 1397          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 170,913                   | 45,288                    | 216,201                    |
| 4708101403 | 081         | 1403          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4708101404 | 081         | 1404          |                           |                           |                           |                           |                           |                           |                           |                           | 193,172                   | 267,613                   | 179,747                   | 640,532                    |
| 4708101405 | 081         | 1405          |                           |                           |                           |                           |                           |                           |                           |                           | 113,938                   | 49,775                    | 156,288                   | 320,001                    |
| 4708101406 | 081         | 1406          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4708101407 | 081         | 1407          |                           |                           |                           |                           |                           |                           |                           |                           | 135,704                   | 194,993                   | 213,338                   | 544,035                    |
| 4708101419 | 081         | 1419          |                           |                           |                           |                           |                           |                           |                           |                           | 37,303                    | 51,526                    | 39,649                    | 128,478                    |
| 4708101423 | 081         | 1423          |                           |                           |                           |                           |                           |                           |                           |                           | 79,957                    | 113,951                   | 39,495                    | 233,403                    |
| 4708101429 | 081         | 1429          |                           |                           |                           |                           |                           |                           |                           |                           | plugged                   | plugged                   | plugged                   | 0                          |
| 4708101430 | 081         | 1430          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | 186,411                   | 186,411                    |
| 4708101432 | 081         | 1432          |                           |                           |                           |                           |                           |                           |                           |                           | plugged                   | 111,032                   | plugged                   | 111,032                    |
| 4708101433 | 081         | 1433          |                           |                           |                           |                           |                           |                           |                           |                           | 3,060                     | 295,005                   | 262,552                   | 560,617                    |
| 4708101439 | 081         | 1439          |                           |                           |                           |                           |                           |                           |                           |                           | 3,356                     | 127,528                   | 100,134                   | 231,018                    |
| 4708101441 | 081         | 1441          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4708101444 | 081         | 1444          |                           |                           |                           |                           |                           |                           |                           |                           | 172                       | 255,657                   | 340,589                   | 596,418                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 633-676 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays                                              | Comments                                                                               |
|------------|-------------|---------------|------------|---------------------------------------------------|----------------------------------------------------------------------------------------|
| 4708101268 | 081         | 1268          |            | Poca 3 laterals (3)                               | 4 months production 2002                                                               |
| 4708101270 | 081         | 1270          |            | permitted as horizontal Poca 3 well; plugged      |                                                                                        |
| 4708101286 | 081         | 1286          |            | Beckley, 1 lateral                                | dry hole; plugged 02/23/2005                                                           |
| 4708101293 | 081         | 1293          |            | Poca 3 laterals                                   |                                                                                        |
| 4708101298 | 081         | 1298          |            | Poca 2,3,6                                        |                                                                                        |
| 4708101299 | 081         | 1299          |            | Poca 2,3,4,6                                      |                                                                                        |
| 4708101300 | 081         | 1300          |            | Poca 2,3                                          |                                                                                        |
| 4708101301 | 081         | 1301          |            | Poca 2; 05/12/2005 frac Poca 2                    |                                                                                        |
| 4708101327 | 081         | 1327          | Slab Fork  | Poca 2,3                                          | 1 month production 2005; 6 months production 2007, 9 months production 2008            |
| 4708101328 | 081         | 1328          | Slab Fork  | Poca 2,3                                          | 1 month production 2005                                                                |
| 4708101335 | 081         | 1335          | McGraw     | Lwr Beck service well; see 081 1336 and 1337      |                                                                                        |
| 4708101336 | 081         | 1336          | McGraw     | Lwr Beck horizontals; see 081 1335 and 1337       | 5 months production 2005                                                               |
| 4708101337 | 081         | 1337          | McGraw     | Lwr Beck horizontals; see 081 1335 and 1336       | 5 months production 2005                                                               |
| 4708101348 | 081         | 1348          | unnamed    | Lwr Beck service well; see 081 1349 and 1350      |                                                                                        |
| 4708101349 | 081         | 1349          | unnamed    | Lwr Beck horizontals; see 081 1348 and 1350       | 3 months production 2005                                                               |
| 4708101350 | 081         | 1350          | unnamed    | Lwr Beck horizontals; see 081 1348 and 1349       | 3 months production 2005                                                               |
| 4708101356 | 081         | 1356          | unnamed    | Lwr Beck horizontals; see 081 1357 and 1358       |                                                                                        |
| 4708101357 | 081         | 1357          | unnamed    | Lwr Beck horizontals; see 081 1356 and 1358       | plugged 11/04/2006                                                                     |
| 4708101358 | 081         | 1358          | unnamed    | Lwr Beck horizontals; see 081 1356 and 1357       | 1 month production 2005; reported by Dominion                                          |
| 4708101365 | 081         | 1365          | Slab Fork  | Poca 3 service well; horizontals; see 081 1366    |                                                                                        |
| 4708101366 | 081         | 1366          | Slab Fork  | Poca 3; see 081 1365                              | 7 months production 2007; 2 months production 2008                                     |
| 4708101374 | 081         | 1374          |            | Lwr Beck horizontals                              |                                                                                        |
| 4708101382 | 081         | 1382          |            | Poca 3,2                                          | 8+ months production 2008                                                              |
| 4708101385 | 081         | 1385          |            | Lwr Beck horizontals                              | 10 months production 2007                                                              |
| 4708101386 | 081         | 1386          |            | Lwr Beck horizontals                              | 5+ months production 2008                                                              |
| 4708101388 | 081         | 1388          |            | Lwr Beck horizontals                              | 6 months production 2007                                                               |
| 4708101389 | 081         | 1389          |            | Lwr Beck horizontals                              | 3+ months production 2008                                                              |
| 4708101391 | 081         | 1391          |            | Lwr Beck horizontals                              | 10 months peoduction 2008                                                              |
| 4708101393 | 081         | 1393          |            | Poca 3,2                                          |                                                                                        |
| 4708101397 | 081         | 1397          |            | Poca 3                                            | 8 months production 2008 (Jan-Aug)                                                     |
| 4708101403 | 081         | 1403          |            | Upr Beck service well; see 081 1404 and 081 01405 |                                                                                        |
| 4708101404 | 081         | 1404          |            | Upr Beck horizontals; see 081 1403 and 081 1405   | 8+ months production 2007                                                              |
| 4708101405 | 081         | 1405          |            | Upr Beck horizontals; see 081 1403 and 081 1404   | 8+ months production 2007                                                              |
| 4708101406 | 081         | 1406          |            | Upr Beck service well; see 081 1407               |                                                                                        |
| 4708101407 | 081         | 1407          |            | Upr Beck horizontals; see 081 1406                | 8+ months production 2007                                                              |
| 4708101419 | 081         | 1419          |            | Poca 3                                            | 6 months production 2007; 8 months production 2008                                     |
| 4708101423 | 081         | 1423          |            | Poca 3                                            | 6 months production 2007; 11 months production 2008                                    |
| 4708101429 | 081         | 1429          |            | non-producer                                      | plugging plat 03/14/2008 TD 520; unable to run and set 13 3/8" csg; plugged to surface |
| 4708101430 | 081         | 1430          |            | Poca 3                                            |                                                                                        |
| 4708101432 | 081         | 1432          |            | non-producer                                      | plugging plat 03/14/2008; TD 262; well P & A                                           |
| 4708101433 | 081         | 1433          |            | Poca 3                                            | 1 month production 2007                                                                |
| 4708101439 | 081         | 1439          |            | Lwr Beck horizontals                              | 1 month production 2007                                                                |
| 4708101441 | 081         | 1441          |            | non-producer                                      | service well                                                                           |
| 4708101444 | 081         | 1444          |            | Poca 2,3                                          | only 1 month production 2007                                                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 677-722 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator            | Subsequent Operator     | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------------|-------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4708101448 | 081         | 1448          | Penn Virginia       | Dominion E & P          | 12/31/2007      | 375230            | 813000             | 2.30        | 1.83       | 453062.0             | 4188171.2             |                           |                           |                           |                           |                           |                           |                           |
| 4708101450 | 081         | 1450          | Penn Virginia       | Dominion E & P          | 1/13/2008       | 375230            | 813230             | 2.06        | 0.59       | 451392.8             | 4188567.4             |                           |                           |                           |                           |                           |                           |                           |
| 4708101451 | 081         | 1451          | Penn Virginia       | Dominion E & P          | 12/1/2007       | 375230            | 813230             | 2.20        | 0.61       | 451359.3             | 4188342.1             |                           |                           |                           |                           |                           |                           |                           |
| 4708101453 | 081         | 1453          | CDX Gas             |                         | 2/27/2008       | 374730            | 811730             | 0.95        | 0.27       | 473880.0             | 4181006.9             |                           |                           |                           |                           |                           |                           |                           |
| 4708101458 | 081         | 1458          | Penn Virginia       |                         | 5/2/2008        | 375000            | 812500             | 2.09        | 1.61       | 460727.8             | 4183846.3             |                           |                           |                           |                           |                           |                           |                           |
| 4708101466 | 081         | 1466          | CDX Gas             |                         | 5/13/2008       | 375000            | 811500             | 0.47        | 2.16       | 474523.1             | 4186400.6             |                           |                           |                           |                           |                           |                           |                           |
| 4708101468 | 081         | 1468          | CDX Gas             |                         | 7/23/2008       | 375000            | 811730             | 0.36        | 1.04       | 472658.8             | 4186583.8             |                           |                           |                           |                           |                           |                           |                           |
| 4708101469 | 081         | 1469          | CDX Gas             |                         | 6/13/2008       | 375000            | 811730             | 0.43        | 1.03       | 472674.5             | 4186471.0             |                           |                           |                           |                           |                           |                           |                           |
| 4708101470 | 081         | 1470          | Penn Virginia       | Dominion E & P          | 4/19/2008       | 375500            | 812000             | 1.87        | 2.13       | 467259.6             | 4193417.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101479 | 081         | 1479          | Penn Virginia       | Dominion E & P          | 8/24/2008       | 375230            | 812000             | 0.08        | 1.41       | 468416.1             | 4191672.7             |                           |                           |                           |                           |                           |                           |                           |
| 4708101494 | 081         | 1494          | Penn Virginia       | Dominion E & P          | 10/4/2008       | 375230            | 812000             | 1.33        | 1.51       | 468247.6             | 4189660.5             |                           |                           |                           |                           |                           |                           |                           |
| 4708101496 | 081         | 1496          | Penn Virginia       | Dominion E & P          | 10/27/2008      | 375230            | 812730             | 2.72        | 1.88       | 456644.2             | 4187475.2             |                           |                           |                           |                           |                           |                           |                           |
| 4709101077 | 091         | 1077          | CDX Gas             |                         |                 | 392000            | 800500             | 2.75        | 1.80       | 576152.0             | 4349501.6             |                           |                           |                           |                           |                           |                           |                           |
| 4709101078 | 091         | 1078          | CDX Gas             |                         |                 | 392000            | 800500             | 2.87        | 1.82       | 576121.7             | 4349308.0             |                           |                           |                           |                           |                           |                           |                           |
| 4709101079 | 091         | 1079          | CDX Gas             |                         |                 | 392000            | 800500             | 2.80        | 1.91       | 575975.7             | 4349419.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710301822 | 103         | 1822          | Consol Energy, Inc  |                         | 7/3/2001        | 394230            | 803000             | 0.95        | 2.22       | 539298.3             | 4393736.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710301823 | 103         | 1823          | Consol Energy, Inc  |                         | 8/6/2001        | 394230            | 803230             | 0.23        | 0.23       | 538911.0             | 4394905.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710301954 | 103         | 1954          | Dynatec Energy, Inc |                         | 5/14/2004       | 393500            | 803730             | 0.14        | 0.21       | 531867.6             | 4381144.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710301955 | 103         | 1955          | Dynatec Energy, Inc |                         | 10/13/2003      | 393500            | 803000             | 1.89        | 1.10       | 541185.8             | 4378369.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710301967 | 103         | 1967          | Dynatec Energy, Inc |                         | 6/23/2004       | 394000            | 802730             | 1.89        | 1.80       | 543581.5             | 4387631.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710301968 | 103         | 1968          | Dynatec Energy, Inc |                         | 5/24/2004       | 394230            | 802500             | 1.88        | 0.36       | 549446.1             | 4392307.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710302017 | 103         | 2017          | Dynatec Energy, Inc |                         | 4/28/2004       | 393500            | 803000             | 0.49        | 1.65       | 540288.9             | 4380619.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710302019 | 103         | 2019          | Dynatec Energy, Inc |                         | 6/21/2004       | 394230            | 803000             | 1.82        | 0.15       | 542637.0             | 4392362.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710302030 | 103         | 2030          | Dynatec Energy, Inc |                         | 4/5/2005        | 394000            | 802730             | 2.16        | 1.84       | 543519.5             | 4387195.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710302031 | 103         | 2031          | Dynatec Energy, Inc |                         |                 | 394000            | 802730             | 1.97        | 2.10       | 543099.0             | 4387499.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710302033 | 103         | 2033          | Dynatec Energy, Inc |                         | 5/5/2005        | 393730            | 802730             | 0.05        | 2.14       | 543049.4             | 4385967.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710302034 | 103         | 2034          | Dynatec Energy, Inc |                         | 4/27/2005       | 394000            | 803000             | 2.77        | 0.35       | 542349.0             | 4386206.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710302040 | 103         | 2040          | Dynatec Energy, Inc |                         | 5/16/2005       | 394230            | 802500             | 2.21        | 0.59       | 549079.3             | 4391773.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710302041 | 103         | 2041          | Dynatec Energy, Inc |                         | 7/14/2005       | 394230            | 802500             | 1.32        | 0.19       | 549713.9             | 4393210.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710302042 | 103         | 2042          | Dynatec Energy, Inc |                         | 4/8/2005        | 394230            | 802500             | 2.21        | 0.93       | 548532.1             | 4391769.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710302043 | 103         | 2043          | Dynatec Energy, Inc |                         | 6/30/2005       | 394230            | 802500             | 1.35        | 0.63       | 549006.1             | 4393158.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710302056 | 103         | 2056          | East Resources, Inc |                         | 4/13/2005       | 393730            | 803730             | 2.06        | 1.41       | 529931.0             | 4382667.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710302107 | 103         | 2107          | Dynatec Energy, Inc |                         | 8/31/2005       | 394230            | 802500             | 1.86        | 0.63       | 549011.3             | 4392336.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710302117 | 103         | 2117          | Dynatec Energy, Inc |                         | 12/17/2005      | 394230            | 803000             | 1.86        | 0.13       | 542669.6             | 4392298.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710302118 | 103         | 2118          | Dynatec Energy, Inc |                         | 12/1/2005       | 394230            | 803000             | 0.92        | 0.03       | 542822.1             | 4393813.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710302119 | 103         | 2119          | Dynatec Energy, Inc |                         | 11/4/2005       | 394230            | 802730             | 2.59        | 2.01       | 543223.6             | 4391125.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710302321 | 103         | 2321          | CNX Gas Co LLC      |                         | 3/19/2008       | 394230            | 802230             | 2.15        | 1.92       | 550511.5             | 4391879.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901113 | 109         | 1113          | USX                 | Pinnacle Mining Co, LLC | 3/29/1989       | 373230            | 812730             | 2.85        | 1.84       | 456524.1             | 4150288.1             | na                        | na                        | na                        | na                        | na                        | na                        |                           |
| 4710901296 | 109         | 1296          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373500            | 813000             | 2.14        | 1.26       | 453797.9             | 4156059.0             | Future use                |                           |                           |                           |                           |                           |                           |
| 4710901297 | 109         | 1297          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373230            | 813000             | 2.72        | 2.05       | 452490.5             | 4150519.5             | Future use                |                           |                           |                           |                           |                           |                           |
| 4710901298 | 109         | 1298          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373000            | 813000             | 1.09        | 0.37       | 455204.8             | 4148500.7             |                           |                           |                           | 94,042                    | 83,073                    | 65,713                    |                           |
| 4710901299 | 109         | 1299          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373500            | 813000             | 1.91        | 2.11       | 452425.9             | 4156436.5             | Future use                |                           |                           |                           |                           |                           |                           |
| 4710901301 | 109         | 1301          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373230            | 813000             | 1.07        | 0.24       | 455426.0             | 4153153.2             |                           |                           |                           | 43,097                    | 11,806                    | na                        |                           |
| 4710901302 | 109         | 1302          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373230            | 813000             | 2.64        | 1.64       | 453154.1             | 4150638.7             |                           |                           | 18,973                    | 55,187                    | ?                         | na                        |                           |
| 4710901303 | 109         | 1303          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373230            | 813000             | 0.50        | 2.21       | 452265.5             | 4154095.2             |                           |                           |                           |                           | 2,989                     | 23,763                    |                           |
| 4710901306 | 109         | 1306          | USX                 | Pinnacle Mining Co, LLC | 2/13/1995       | 373230            | 813230             | 1.97        | 1.48       | 449747.7             | 4151737.2             | Future use                |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 677-722 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4708101448 | 081         | 1448          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 33,837                    | 34,338                    | 68,175                     |
| 4708101450 | 081         | 1450          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 10,016                    | 8,460                     | 18,476                     |
| 4708101451 | 081         | 1451          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 66,149                    | 55,702                    | 121,851                    |
| 4708101453 | 081         | 1453          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 258,726                   | 328,858                   | 587,584                    |
| 4708101458 | 081         | 1458          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 42,147                    | 82,868                    | 125,015                    |
| 4708101466 | 081         | 1466          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 581,439                   | 1,057,754                 | 1,639,193                  |
| 4708101468 | 081         | 1468          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 72,271                    | 897,297                   | 969,568                    |
| 4708101469 | 081         | 1469          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 131,033                   | 312,111                   | 443,144                    |
| 4708101470 | 081         | 1470          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 36,138                    | 69,875                    | 106,013                    |
| 4708101479 | 081         | 1479          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 11,830                    | 63,564                    | 75,394                     |
| 4708101494 | 081         | 1494          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 9,909                     | 93,465                    | 103,374                    |
| 4708101496 | 081         | 1496          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 482                       | 251,765                   | 252,247                    |
| 4709101077 | 091         | 1077          |                           |                           |                           |                           |                           |                           |                           |                           | 1,472                     | 55,238                    | 24,437                    | 81,147                     |
| 4709101078 | 091         | 1078          |                           |                           |                           |                           |                           |                           |                           |                           | 5,399                     | 48,716                    | 23,502                    | 77,617                     |
| 4709101079 | 091         | 1079          |                           |                           |                           |                           |                           |                           |                           |                           | 0                         | 106,742                   | 68,529                    | 175,271                    |
| 4710301822 | 103         | 1822          |                           |                           | 82,000                    | 0                         | abandoned well            | 0                         | 0                         | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 82,000                     |
| 4710301823 | 103         | 1823          |                           |                           | 34,000                    | 0                         | abandoned well            | 0                         | 0                         | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 34,000                     |
| 4710301954 | 103         | 1954          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710301955 | 103         | 1955          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710301967 | 103         | 1967          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710301968 | 103         | 1968          |                           |                           |                           |                           |                           |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710302017 | 103         | 2017          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710302019 | 103         | 2019          |                           |                           |                           |                           |                           |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710302030 | 103         | 2030          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710302031 | 103         | 2031          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710302033 | 103         | 2033          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 26,591                     |
| 4710302034 | 103         | 2034          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 53,504                     |
| 4710302040 | 103         | 2040          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 9,825                      |
| 4710302041 | 103         | 2041          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710302042 | 103         | 2042          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 25,856                     |
| 4710302043 | 103         | 2043          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710302056 | 103         | 2056          |                           |                           |                           |                           |                           |                           | 233                       | 161                       | 1                         | abandoned well            | abandoned well            | 395                        |
| 4710302107 | 103         | 2107          |                           |                           |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710302117 | 103         | 2117          |                           |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | 0                          |
| 4710302118 | 103         | 2118          |                           |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | 0                          |
| 4710302119 | 103         | 2119          |                           |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | 0                          |
| 4710302321 | 103         | 2321          |                           |                           |                           |                           |                           |                           |                           |                           |                           | 72,938                    | 104,319                   | 177,257                    |
| 4710901113 | 109         | 1113          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710901296 | 109         | 1296          |                           | 66,881                    | 57,286                    | 53,243                    | 42,644                    | 26,774                    | 34,899                    | 24,944                    | 21,851                    | not available             | not available             | 328,522                    |
| 4710901297 | 109         | 1297          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710901298 | 109         | 1298          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 242,828                    |
| 4710901299 | 109         | 1299          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |
| 4710901301 | 109         | 1301          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 54,903                     |
| 4710901302 | 109         | 1302          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 74,160                     |
| 4710901303 | 109         | 1303          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 26,752                     |
| 4710901306 | 109         | 1306          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           |                           | abandoned well            | abandoned well            | 0                          |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 677-722 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name         | Pays                                                 | Comments                                    |
|------------|-------------|---------------|--------------------|------------------------------------------------------|---------------------------------------------|
| 4708101448 | 081         | 1448          |                    | Lwr Beck                                             | 9 months production 2008                    |
| 4708101450 | 081         | 1450          |                    | Lwr Beck horizontals                                 | 8+ months production 2008                   |
| 4708101451 | 081         | 1451          |                    | Lwr Beck horizontals                                 | 8+ months production 2008                   |
| 4708101453 | 081         | 1453          |                    | Poca 3,2                                             |                                             |
| 4708101458 | 081         | 1458          |                    | Lwr Beck horizontals                                 | 6+ months production 2008                   |
| 4708101466 | 081         | 1466          |                    | Poca 3,2                                             | 7 months production 2008                    |
| 4708101468 | 081         | 1468          |                    | Poca 2                                               | 4 months production 2008                    |
| 4708101469 | 081         | 1469          |                    | Poca 3,2                                             | 4+ months production 2008                   |
| 4708101470 | 081         | 1470          |                    | Lwr Beck horizontals                                 | 7+ months production 2008                   |
| 4708101479 | 081         | 1479          |                    | Lwr Beck horizontals                                 | 3+ months production 2008                   |
| 4708101494 | 081         | 1494          |                    | Lwr Beck horizontals                                 | 2+ months production 2008                   |
| 4708101496 | 081         | 1496          |                    | Poca 6 horizontals                                   | 1? Month production 2008                    |
| 4709101077 | 091         | 1077          |                    | Lwr and Up Kit                                       | 1 month production 2007                     |
| 4709101078 | 091         | 1078          |                    | Lwr and Up Kit                                       | 1 month production 2007                     |
| 4709101079 | 091         | 1079          |                    | Lwr and Up Kit                                       |                                             |
| 4710301822 | 103         | 1822          | Littlton-Sugar Run | Swkly,Pgh,PghRdr,Bak,Mahng,LwrFrpt,UpKit,MidKit,Clrn |                                             |
| 4710301823 | 103         | 1823          | Littlton-Sugar Run | Swkly,Pgh,Bak,BrshCk,Mahng,LwrFrpt,UpKit,MidKit,Clrn |                                             |
| 4710301954 | 103         | 1954          |                    | Pgh; no open flow                                    |                                             |
| 4710301955 | 103         | 1955          |                    | Pgh; plugging plat 10/31/2003                        |                                             |
| 4710301967 | 103         | 1967          |                    | Pgh; no open flow                                    |                                             |
| 4710301968 | 103         | 1968          |                    | Pgh; no open flow                                    | plugging plat 08/05/2005                    |
| 4710302017 | 103         | 2017          |                    | Pgh; no open flow                                    |                                             |
| 4710302019 | 103         | 2019          |                    | Pgh; no open flow                                    | plugging plat 08/05/2005                    |
| 4710302030 | 103         | 2030          |                    | Pgh; horizontal                                      |                                             |
| 4710302031 | 103         | 2031          |                    | Pgh, horizontal                                      | plugging plat 10/29/2004; see also 103 2050 |
| 4710302033 | 103         | 2033          |                    | Pgh; vertical                                        |                                             |
| 4710302034 | 103         | 2034          |                    | Pgh; vertical                                        |                                             |
| 4710302040 | 103         | 2040          |                    | Pgh; vertical                                        |                                             |
| 4710302041 | 103         | 2041          |                    | Pgh; horizontal                                      |                                             |
| 4710302042 | 103         | 2042          |                    | Pgh; vertical                                        |                                             |
| 4710302043 | 103         | 2043          |                    | Pgh; horizontal                                      |                                             |
| 4710302056 | 103         | 2056          |                    | Allegheny coals                                      | 8 months production 2005                    |
| 4710302107 | 103         | 2107          |                    | Pgh observation well                                 |                                             |
| 4710302117 | 103         | 2117          |                    | Pgh; vertical                                        |                                             |
| 4710302118 | 103         | 2118          |                    | Pgh; horizontal                                      |                                             |
| 4710302119 | 103         | 2119          |                    | Pgh; horizontal                                      |                                             |
| 4710302321 | 103         | 2321          |                    | Pgh; 3 horizontal legs                               | 9+ months production 2008                   |
| 4710901113 | 109         | 1113          | Welch              | Poca 3                                               |                                             |
| 4710901296 | 109         | 1296          | Welch              | Poca 3                                               |                                             |
| 4710901297 | 109         | 1297          | Welch              | Poca 3                                               |                                             |
| 4710901298 | 109         | 1298          | Welch              | Poca 3                                               |                                             |
| 4710901299 | 109         | 1299          | Welch              | Poca 3                                               |                                             |
| 4710901301 | 109         | 1301          | Welch              | Poca 3                                               |                                             |
| 4710901302 | 109         | 1302          | Welch              | Poca 3                                               |                                             |
| 4710901303 | 109         | 1303          | Welch              | Poca 3                                               |                                             |
| 4710901306 | 109         | 1306          | Welch              | Poca 3                                               |                                             |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 723-768 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator      | Subsequent Operator     | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------|-------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4710901486 | 109         | 1486          | USX           | Pinnacle Mining Co, LLC | 3/1/1995        | 373230            | 813000             | 1.47        | 2.27       | 452158.1             | 4152524.5             |                           |                           |                           | 72,777                    | 150,556                   | 42,381                    |                           |
| 4710901521 | 109         | 1521          | USX           | Pinnacle Mining Co, LLC | 9/21/1995       | 373230            | 813230             | 2.11        | 0.43       | 451440.2             | 4151511.5             |                           |                           |                           | 63                        | 11,525                    | 1,214                     |                           |
| 4710901522 | 109         | 1522          | USX           | Pinnacle Mining Co, LLC | 9/21/1995       | 373230            | 813230             | 1.84        | 0.43       | 451442.7             | 4151942.7             |                           |                           |                           | 63                        | 11,504                    | 2,287                     |                           |
| 4710901535 | 109         | 1535          | USX           | Pinnacle Mining Co, LLC | 6/6/1996        | 373500            | 813000             | 2.45        | 2.08       | 452470.2             | 4155574.0             |                           |                           |                           |                           | 6,620                     | 2,207                     |                           |
| 4710901536 | 109         | 1536          | USX           | Pinnacle Mining Co, LLC | 5/31/1996       | 373500            | 813000             | 2.51        | 1.54       | 453353.2             | 4155476.2             |                           |                           |                           |                           | 4,125                     | 2,400                     |                           |
| 4710901537 | 109         | 1537          | USX           | Pinnacle Mining Co, LLC | 5/24/1996       | 373500            | 813000             | 2.39        | 1.83       | 452887.9             | 4155663.2             |                           |                           |                           |                           | 476                       | 502                       |                           |
| 4710901580 | 109         | 1580          | USX           | Pinnacle Mining Co, LLC | 9/9/1996        | 373500            | 813000             | 2.55        | 1.07       | 454113.1             | 4155410.5             |                           |                           |                           |                           | na                        | na                        |                           |
| 4710901581 | 109         | 1581          | USX           | Pinnacle Mining Co, LLC | 9/13/1996       | 373500            | 813000             | 2.70        | 0.97       | 454259.3             | 4155163.0             |                           |                           |                           |                           | na                        | na                        |                           |
| 4710901582 | 109         | 1582          | USX           | Pinnacle Mining Co, LLC | 9/4/1996        | 373230            | 813000             | 0.08        | 1.28       | 453766.4             | 4154765.0             |                           |                           |                           |                           | na                        | na                        |                           |
| 4710901613 | 109         | 1613          | USX           | Pinnacle Mining Co, LLC | 3/18/1997       | 373000            | 813000             | 1.57        | 0.48       | 455028.6             | 4147731.5             |                           |                           |                           |                           |                           | 43,602                    | 32,276                    |
| 4710901652 | 109         | 1652          | Penn Virginia |                         | 2/21/1998       | 374230            | 813000             | 2.20        | 2.05       | 452601.0             | 4169841.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901654 | 109         | 1654          | Penn Virginia |                         | 2/3/1998        | 374500            | 812500             | 0.82        | 1.10       | 461524.6             | 4176637.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901655 | 109         | 1655          | Penn Virginia |                         | 12/15/1998      | 374500            | 812500             | 0.50        | 0.70       | 462163.6             | 4177158.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901656 | 109         | 1656          | Penn Virginia |                         | 2/6/1998        | 374500            | 812730             | 0.29        | 0.05       | 459546.4             | 4177509.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901657 | 109         | 1657          | Penn Virginia |                         | 2/12/1998       | 374230            | 813000             | 2.74        | 0.53       | 455046.0             | 4168965.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901659 | 109         | 1659          | Penn Virginia |                         | 1/16/1998       | 374730            | 812500             | 2.39        | 1.69       | 460580.1             | 4178736.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901666 | 109         | 1666          | Penn Virginia |                         | 1/14/1998       | 374730            | 812730             | 2.58        | 0.85       | 458253.8             | 4178440.2             |                           |                           |                           |                           |                           |                           | 2,200                     |
| 4710901667 | 109         | 1667          | Penn Virginia |                         | 2/4/1998        | 374730            | 813230             | 2.72        | 0.62       | 451278.9             | 4178263.2             |                           |                           |                           |                           |                           |                           | 2,000                     |
| 4710901668 | 109         | 1668          | Penn Virginia |                         | 1/23/1998       | 374500            | 814000             | 2.11        | 0.82       | 439922.6             | 4174701.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901669 | 109         | 1669          | Penn Virginia |                         | 1/21/1998       | 374500            | 813230             | 1.13        | 1.92       | 449186.0             | 4176211.0             |                           |                           |                           |                           |                           | 17,814                    | 35,842                    |
| 4710901672 | 109         | 1672          | Penn Virginia |                         | 1/28/1999       | 374500            | 813230             | 0.54        | 1.22       | 450317.8             | 4177159.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901673 | 109         | 1673          | Penn Virginia |                         | 1/22/1998       | 374730            | 813230             | 1.89        | 0.72       | 451139.5             | 4179589.2             |                           |                           |                           |                           |                           |                           | 11,556                    |
| 4710901676 | 109         | 1676          | USX           | Pinnacle Mining Co, LLC | 4/10/1997       | 373230            | 813230             | 2.14        | 0.33       | 451587.5             | 4151449.2             |                           |                           |                           |                           |                           | 3,606                     | 8,390                     |
| 4710901677 | 109         | 1677          | USX           | Pinnacle Mining Co, LLC | 5/5/1997        | 373230            | 813230             | 1.95        | 0.33       | 451589.3             | 4151757.5             |                           |                           |                           |                           |                           | 12,754                    |                           |
| 4710901684 | 109         | 1684          | USX           | Pinnacle Mining Co, LLC | 9/10/1997       | 373230            | 813230             | 1.95        | 2.05       | 448814.7             | 4151774.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901685 | 109         | 1685          | USX           | Pinnacle Mining Co, LLC | 11/11/1997      | 373230            | 813230             | 1.66        | 0.62       | 451125.4             | 4152222.7             |                           |                           |                           |                           |                           |                           | 23,555                    |
| 4710901686 | 109         | 1686          | USX           | Pinnacle Mining Co, LLC | 12/7/1998       | 373230            | 813500             | 1.70        | 0.02       | 448424.7             | 4152177.0             |                           |                           |                           |                           |                           |                           | 23,643                    |
| 4710901691 | 109         | 1691          | Penn Virginia |                         | 2/4/1999        | 374500            | 813230             | 1.47        | 1.70       | 449525.5             | 4175654.0             |                           |                           |                           |                           |                           |                           | 333                       |
| 4710901707 | 109         | 1707          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.68        | 1.22       | 450167.8             | 4152197.0             |                           |                           |                           |                           |                           |                           | 21,790                    |
| 4710901709 | 109         | 1709          | USX           | Pinnacle Mining Co, LLC | 3/22/1998       | 373230            | 813230             | 1.66        | 1.73       | 449333.3             | 4152233.5             |                           |                           |                           |                           |                           |                           | 17,056                    |
| 4710901716 | 109         | 1716          | Penn Virginia |                         | 10/9/1999       | 374500            | 812500             | 0.88        | 0.53       | 462429.7             | 4176540.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901717 | 109         | 1717          | USX           | Pinnacle Mining Co, LLC | 4/15/1998       | 373230            | 813230             | 1.51        | 1.42       | 449433.2             | 4152478.7             |                           |                           |                           |                           |                           |                           | 74,708                    |
| 4710901718 | 109         | 1718          | USX           | Pinnacle Mining Co, LLC | 3/29/1998       | 373230            | 813230             | 1.51        | 1.25       | 450120.3             | 4152474.7             |                           |                           |                           |                           |                           |                           | 102,758                   |
| 4710901720 | 109         | 1720          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.34        | 0.74       | 450932.3             | 4152747.0             |                           |                           |                           |                           |                           |                           | 45,029                    |
| 4710901721 | 109         | 1721          | USX           | Pinnacle Mining Co, LLC | 5/28/1998       | 373230            | 813230             | 1.43        | 2.24       | 448525.8             | 4152607.5             |                           |                           |                           |                           |                           |                           | 88,407                    |
| 4710901722 | 109         | 1722          | USX           | Pinnacle Mining Co, LLC | 8/17/1998       | 373230            | 813230             | 1.32        | 2.24       | 448527.0             | 4152792.2             |                           |                           |                           |                           |                           |                           | 52,604                    |
| 4710901723 | 109         | 1723          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.24        | 2.23       | 448527.7             | 4152916.2             |                           |                           |                           |                           |                           |                           | 30,713                    |
| 4710901724 | 109         | 1724          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.56        | 0.69       | 451027.9             | 4152377.2             |                           |                           |                           |                           |                           |                           | 71,739                    |
| 4710901725 | 109         | 1725          | USX           | Pinnacle Mining Co, LLC | 7/15/1998       | 373230            | 813230             | 1.53        | 1.64       | 449482.3             | 4152447.7             |                           |                           |                           |                           |                           |                           | 80,959                    |
| 4710901731 | 109         | 1731          | Penn Virginia |                         | 2/20/1999       | 374230            | 812730             | 2.30        | 1.51       | 457156.4             | 4169662.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901734 | 109         | 1734          | Penn Virginia |                         | 10/29/1998      | 374500            | 813230             | 1.49        | 2.05       | 448961.9             | 4175626.2             |                           |                           |                           |                           |                           |                           | 262                       |
| 4710901742 | 109         | 1742          | Penn Virginia |                         | 10/5/1999       | 374500            | 813230             | 0.88        | 1.20       | 450338.7             | 4176604.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901743 | 109         | 1743          | Penn Virginia |                         | 11/10/1998      | 374500            | 813230             | 0.59        | 1.45       | 449950.2             | 4177068.7             |                           |                           |                           |                           |                           |                           | 586                       |
| 4710901744 | 109         | 1744          | Penn Virginia |                         | 10/1/1999       | 374500            | 813230             | 0.34        | 0.94       | 450760.0             | 4177465.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901745 | 109         | 1745          | Penn Virginia |                         | 12/2/1999       | 374500            | 813230             | 0.07        | 0.76       | 451056.3             | 4177894.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901746 | 109         | 1746          | Penn Virginia |                         | 11/24/1998      | 374500            | 813230             | 0.67        | 1.92       | 449190.5             | 4176950.2             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 723-768 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4710901486 | 109         | 1486          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 265,714                    |
| 4710901521 | 109         | 1521          | plugged                   | plugged                   | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 12,802                     |
| 4710901522 | 109         | 1522          | plugged                   | plugged                   | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 13,854                     |
| 4710901535 | 109         | 1535          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 8,827                      |
| 4710901536 | 109         | 1536          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 6,525                      |
| 4710901537 | 109         | 1537          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 978                        |
| 4710901580 | 109         | 1580          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901581 | 109         | 1581          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901582 | 109         | 1582          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901613 | 109         | 1613          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 75,878                     |
| 4710901652 | 109         | 1652          | 310                       | 0                         |                           | 0                         | abandoned well            |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 310                        |
| 4710901654 | 109         | 1654          | 3,846                     | 0                         |                           | 98,962                    | abandoned well            |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 102,808                    |
| 4710901655 | 109         | 1655          | 971                       | 0                         |                           | 4,070                     | abandoned well            |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 5,041                      |
| 4710901656 | 109         | 1656          | 993                       | 0                         |                           | 11,847                    | abandoned well            |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 12,840                     |
| 4710901657 | 109         | 1657          | 1,019                     | 0                         |                           | 0                         | abandoned well            |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 1,019                      |
| 4710901659 | 109         | 1659          | 3,845                     | 0                         |                           | 0                         | abandoned well            |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 3,845                      |
| 4710901666 | 109         | 1666          | 838                       |                           |                           | 0                         | abandoned well            |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 3,038                      |
| 4710901667 | 109         | 1667          | 4,797                     | 3,322                     | 4,586                     | 12,738                    | 23,244                    | 19,784                    | 13,529                    | 8,107                     | 5,041                     | 1,576                     | 0                         | 98,724                     |
| 4710901668 | 109         | 1668          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901669 | 109         | 1669          | 64,861                    | 17,210                    | 49,780                    | 57,969                    | 37,731                    | 28,870                    | 39,429                    | 21,457                    | 30,690                    | 24,088                    | 18,116                    | 443,857                    |
| 4710901672 | 109         | 1672          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901673 | 109         | 1673          | 20,048                    | 14,904                    | 12,806                    | 15,331                    | 14,595                    | 14,023                    | 13,848                    | 10,054                    | 10,642                    | 10,520                    | 9,788                     | 158,115                    |
| 4710901676 | 109         | 1676          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 11,996                     |
| 4710901677 | 109         | 1677          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 12,754                     |
| 4710901684 | 109         | 1684          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901685 | 109         | 1685          | 2,744                     | plugged                   | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 26,299                     |
| 4710901686 | 109         | 1686          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 23,643                     |
| 4710901691 | 109         | 1691          | 5,351                     | 7,261                     | 11,075                    | 5,031                     | 4,261                     | 5,073                     | 6,393                     | 3,859                     | 2,369                     | 875                       | 267                       | 52,148                     |
| 4710901707 | 109         | 1707          | 22,165                    | plugged                   | plugged                   | plugged                   | plugged                   |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 43,955                     |
| 4710901709 | 109         | 1709          | 1,090                     | plugged                   | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 18,146                     |
| 4710901716 | 109         | 1716          |                           |                           |                           | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901717 | 109         | 1717          | 31,048                    | 653                       |                           |                           | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 106,409                    |
| 4710901718 | 109         | 1718          | 38,480                    |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 141,238                    |
| 4710901720 | 109         | 1720          | 8,271                     | plugged                   | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 53,300                     |
| 4710901721 | 109         | 1721          | 69,590                    | 288                       | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 158,285                    |
| 4710901722 | 109         | 1722          | 113,887                   | 22,356                    | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 188,847                    |
| 4710901723 | 109         | 1723          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 30,713                     |
| 4710901724 | 109         | 1724          | 47,483                    |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 119,222                    |
| 4710901725 | 109         | 1725          | 90,044                    | 11,986                    |                           | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 182,989                    |
| 4710901731 | 109         | 1731          | plugged                   | plugged                   | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901734 | 109         | 1734          | 2,417                     | plugged                   | plugged                   |                           | 0                         |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 2,679                      |
| 4710901742 | 109         | 1742          |                           | 6,551                     | 21,913                    | 20,817                    | 25,356                    | 19,244                    | 21,543                    | 19,098                    | 17,075                    | 14,786                    | 13,750                    | 180,133                    |
| 4710901743 | 109         | 1743          | 11,198                    | 7,246                     | 6,226                     | 5,466                     | 4,344                     | 4,151                     | 5,421                     | 3,177                     | 4,563                     | 2,724                     | 1,633                     | 56,735                     |
| 4710901744 | 109         | 1744          | 114                       | 4,308                     | 5,839                     | 21,424                    | 28,197                    | 18,185                    | 16,912                    | 9,165                     | 5,522                     | 1,837                     | 655                       | 112,158                    |
| 4710901745 | 109         | 1745          |                           | 65,163                    | 90,676                    | 113,435                   | 96,825                    | 59,313                    | 55,626                    | 37,444                    | 29,952                    | 20,918                    | 19,909                    | 589,261                    |
| 4710901746 | 109         | 1746          | 31,300                    | 89,012                    | 20,945                    | 4,243                     | 3,585                     | 2,192                     | 4,244                     | 2,813                     | 1,381                     | 1,653                     | 1,660                     | 163,028                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 723-768 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                                  | Comments                                                                    |
|------------|-------------|---------------|--------------|-------------------------------------------------------|-----------------------------------------------------------------------------|
| 4710901486 | 109         | 1486          | Welch        | Poca 3                                                |                                                                             |
| 4710901521 | 109         | 1521          | Welch        | Poca 4,3                                              | plugged 06/17/1998                                                          |
| 4710901522 | 109         | 1522          | Welch        | Poca 4,3                                              | plugged 06/16/1998                                                          |
| 4710901535 | 109         | 1535          | Welch        | Poca 4,3                                              |                                                                             |
| 4710901536 | 109         | 1536          | Welch        | Poca 4,3                                              | plugged 11/13/2000                                                          |
| 4710901537 | 109         | 1537          | Welch        | Poca 4,3                                              |                                                                             |
| 4710901580 | 109         | 1580          | Welch        | Poca 4,3                                              | plugged 03/09/2001                                                          |
| 4710901581 | 109         | 1581          | Welch        | Poca 4,3                                              | plugged 03/07/2001                                                          |
| 4710901582 | 109         | 1582          | Welch        | Poca 3                                                | plugged 03/08/2001                                                          |
| 4710901613 | 109         | 1613          | unnamed      | Poca 3                                                |                                                                             |
| 4710901652 | 109         | 1652          | McGraw       | BeckRdr, Beck, FireCk, LitFireCk, Poca 6,4            | plugging plat 05/21/2004; plugged 10/26/2004                                |
| 4710901654 | 109         | 1654          | McGraw       | Sewell, BeckRdr, Beck, Poca 5,4                       | 8 months production, 1999; 3 months production 2002                         |
| 4710901655 | 109         | 1655          | McGraw       | Sewell, UprBeck, LwrBeck, FireCk, LwrPoca 4, Poca 4   | plugging plat 05/28/2004; 6 months production 1999; 1 month production 2002 |
| 4710901656 | 109         | 1656          | McGraw       | SewellB, Sewell, BeckRdr, Beck, Poca 6,4              | plugging plat 05/21/2004; 5 months production 1999; 1 month production 2002 |
| 4710901657 | 109         | 1657          | McGraw       | LitRal, Beck, Poca 5,4                                | plugged 10/22/2004; 5 months production 1999                                |
| 4710901659 | 109         | 1659          | McGraw       | Sewell, Beck, Poca 6,4,3                              | plugging plat 05/21/2004; 8 months production 1999                          |
| 4710901666 | 109         | 1666          | McGraw       | Sewell, LitRal, BeckRdr, Beck, Poca 4                 | 9 months production 1998; 5 months production 1999                          |
| 4710901667 | 109         | 1667          | McGraw       | BeckRdr, Beck, FireCk, LitFireCk, Poca 6              |                                                                             |
| 4710901668 | 109         | 1668          | Mann-Oceana  | Beck, FireCk, LitFireCk, Poca 6,5                     | plugging plat 05/14/2004; plugged 11/09/2004                                |
| 4710901669 | 109         | 1669          | McGraw       | Beck, FireCk, LitFireCk, Poca 6,4                     |                                                                             |
| 4710901672 | 109         | 1672          | unnamed      | Beck, LwrBeck, FireCk sd, FireCk, LwrFireCk           | re-enter dry Big Lime well;plugging plat 05/21/2004; plugged 11/04/2        |
| 4710901673 | 109         | 1673          | McGraw       | Beck, FireCk, Poca 4                                  |                                                                             |
| 4710901676 | 109         | 1676          | unnamed      | Poca 3                                                |                                                                             |
| 4710901677 | 109         | 1677          | unnamed      | Poca 3                                                |                                                                             |
| 4710901684 | 109         | 1684          | unnamed      | Poca 3                                                |                                                                             |
| 4710901685 | 109         | 1685          | unnamed      | Poca 3                                                | plugged 08/11/1999                                                          |
| 4710901686 | 109         | 1686          | unnamed      | Poca 3                                                |                                                                             |
| 4710901691 | 109         | 1691          | McGraw       | LwrBeck, FireCk, LwrFireCk, Poca, LwrPoca 6           |                                                                             |
| 4710901707 | 109         | 1707          | Welch        |                                                       | plugged 06/17/1999                                                          |
| 4710901709 | 109         | 1709          | Baileysville | Poca 4                                                | plugged 08/15/1998                                                          |
| 4710901716 | 109         | 1716          | McGraw       | Beck open mine                                        | plugged 08/03/2001                                                          |
| 4710901717 | 109         | 1717          | unnamed      | Poca 3                                                | horizontal; 05/10/2001 perfed csg for gob production; Poca 4                |
| 4710901718 | 109         | 1718          | unnamed      | Poca 3                                                | horizontal; 07/19/2001 perfed csg for gob prod? Poca 4                      |
| 4710901720 | 109         | 1720          | Welch        |                                                       | horizontal;plugged 11/02/1999                                               |
| 4710901721 | 109         | 1721          | Baileysville | Poca 3                                                | horizontal;plugged 09/14/2000                                               |
| 4710901722 | 109         | 1722          | unnamed      | Poca 3                                                | horizontal;plugged 09/18/2000                                               |
| 4710901723 | 109         | 1723          | Welch        |                                                       | horizontal                                                                  |
| 4710901724 | 109         | 1724          | Welch        |                                                       | horizontal                                                                  |
| 4710901725 | 109         | 1725          | unnamed      | Poca 3                                                | horizontal                                                                  |
| 4710901731 | 109         | 1731          | unnamed      | Beck                                                  | open mine-wet-P & A,plugged 02/23/1999                                      |
| 4710901734 | 109         | 1734          | McGraw       | Beck, FireCk, FireCk sd, LwrFireCk, Poca 5,4          | Poca6 tight;pump water; plugging plat 05/21/2004; plugged 11/02/2004        |
| 4710901742 | 109         | 1742          | McGraw       | Beck, LwrFireCk, LwrPoca 6, Poca 6,5                  |                                                                             |
| 4710901743 | 109         | 1743          | unnamed      | Beck, FireCk, FireCk sd, Poca 6,4                     | pump water                                                                  |
| 4710901744 | 109         | 1744          | McGraw       | Beck, FireCk, LwrFireCk, Poca 6                       |                                                                             |
| 4710901745 | 109         | 1745          | McGraw       | LwrBeck                                               |                                                                             |
| 4710901746 | 109         | 1746          | McGraw       | Beck, FireCk sd, FireCk, Poca 4 sd, LwrPoca 4, Poca 4 | 2 production records for 2001; added 2 together                             |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 769-814 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator      | Subsequent Operator     | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------|-------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4710901749 | 109         | 1749          | CDX Gas       | Pinnacle Mining Co, LLC | 11/30/1998      | 373230            | 813230             | 1.13        | 0.81       | 450835.9             | 4153086.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901750 | 109         | 1750          | CDX Gas       | Pinnacle Mining Co, LLC | 10/10/1998      | 373230            | 813230             | 1.24        | 1.16       | 450270.5             | 4152905.7             |                           |                           |                           |                           |                           |                           | 39,370                    |
| 4710901751 | 109         | 1751          | CDX Gas       |                         | 5/12/1999       | 373230            | 813230             | 1.13        | 2.27       | 448479.7             | 4153101.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901754 | 109         | 1754          | Penn Virginia |                         | 12/23/1998      | 374500            | 812500             | 0.40        | 0.94       | 461772.5             | 4177314.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901755 | 109         | 1755          | Penn Virginia |                         | 11/17/1998      | 374500            | 813230             | 0.86        | 1.67       | 449580.5             | 4176639.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901756 | 109         | 1756          | CDX Gas       |                         | 9/9/1998        | 373230            | 813230             | 1.13        | 1.80       | 449240.1             | 4153096.2             |                           |                           |                           |                           |                           |                           | 9,215                     |
| 4710901757 | 109         | 1757          | CDX Gas       | Pinnacle Mining Co, LLC | 9/26/1998       | 373230            | 813230             | 1.09        | 1.29       | 450050.9             | 4153152.7             |                           |                           |                           |                           |                           |                           | 10,632                    |
| 4710901758 | 109         | 1758          | Penn Virginia |                         | 12/8/1998       | 374730            | 813230             | 2.74        | 1.23       | 450300.1             | 4178238.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901763 | 109         | 1763          | Penn Virginia |                         | 12/1/1998       | 374500            | 813500             | 1.17        | 0.05       | 448524.8             | 4176153.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901770 | 109         | 1770          | CDX Gas       |                         | 11/3/1998       | 373230            | 813230             | 0.46        | 0.53       | 451283.8             | 4154163.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901772 | 109         | 1772          | CDX Gas       | Pinnacle Mining Co, LLC | 1/12/1999       | 373230            | 813230             | 1.74        | 1.32       | 449995.3             | 4152105.2             |                           |                           |                           |                           |                           |                           | 23,467                    |
| 4710901773 | 109         | 1773          | CDX Gas       |                         | 4/28/1999       | 373230            | 813230             | 0.75        | 0.58       | 451207.6             | 4153701.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901774 | 109         | 1774          | CDX Gas       | Pinnacle Mining Co, LLC | 7/7/1999        | 373230            | 813230             | 0.75        | 1.03       | 450471.5             | 4153705.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901778 | 109         | 1778          | CDX Gas       | Pinnacle Mining Co, LLC | 8/4/1999        | 373230            | 813230             | 0.73        | 1.45       | 449809.0             | 4153740.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901779 | 109         | 1779          | CDX Gas       | Pinnacle Mining Co, LLC | 8/13/1999       | 373230            | 813230             | 0.70        | 1.88       | 449097.3             | 4153775.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901781 | 109         | 1781          | CDX Gas       | Pinnacle Mining Co, LLC | 6/16/1999       | 373230            | 813500             | 0.73        | 0.02       | 448434.5             | 4153748.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901805 | 109         | 1805          | CDX Gas       | Pinnacle Mining Co, LLC | 5/21/1999       | 373230            | 813230             | 0.55        | 0.43       | 451454.8             | 4154008.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901812 | 109         | 1812          | Penn Virginia |                         | 10/12/1999      | 374500            | 813230             | 0.34        | 1.83       | 449341.0             | 4177473.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901813 | 109         | 1813          | Penn Virginia |                         | 10/7/1999       | 374500            | 813230             | 1.22        | 1.52       | 449821.7             | 4176053.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901823 | 109         | 1823          | Penn Virginia |                         | 10/22/1999      | 374230            | 813230             | 1.26        | 0.17       | 451972.7             | 4171355.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901829 | 109         | 1829          | CDX Gas       | Pinnacle Mining Co, LLC | 12/20/1999      | 373230            | 813230             | 0.30        | 1.81       | 449224.0             | 4154422.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901832 | 109         | 1832          | CDX Gas       | Pinnacle Mining Co, LLC | 9/27/1999       | 373230            | 813230             | 0.33        | 1.01       | 450524.7             | 4154382.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901833 | 109         | 1833          | CDX Gas       | Pinnacle Mining Co, LLC | 9/27/1999       | 373230            | 813230             | 0.34        | 1.05       | 450450.4             | 4154352.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901834 | 109         | 1834          | CDX Gas       | Pinnacle Mining Co, LLC | 9/26/1999       | 373230            | 813230             | 0.32        | 1.40       | 449886.4             | 4154386.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901835 | 109         | 1835          | CDX Gas       | Pinnacle Mining Co, LLC | 10/10/1999      | 373230            | 813230             | 0.36        | 1.43       | 449836.8             | 4154325.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901844 | 109         | 1844          | CDX Gas       | Pinnacle Mining Co, LLC | 10/25/1999      | 373500            | 813230             | 2.68        | 0.61       | 451167.2             | 4155211.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901845 | 109         | 1845          | CDX Gas       | Pinnacle Mining Co, LLC | 11/1/1999       | 373500            | 813230             | 2.70        | 0.63       | 451142.8             | 4155180.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901847 | 109         | 1847          | CDX Gas       | Pinnacle Mining Co, LLC | 11/20/1999      | 373500            | 813230             | 2.78        | 0.20       | 451828.9             | 4155053.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901848 | 109         | 1848          | CDX Gas       | Pinnacle Mining Co, LLC | 11/20/1999      | 373500            | 813230             | 2.75        | 0.16       | 451878.3             | 4155084.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901849 | 109         | 1849          | CDX Gas       |                         | 10/6/1999       | 373500            | 813230             | 2.79        | 1.01       | 450528.5             | 4155030.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901850 | 109         | 1850          | CDX Gas       | Pinnacle Mining Co, LLC | 10/6/1999       | 373500            | 813230             | 2.76        | 0.98       | 450577.5             | 4155091.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901855 | 109         | 1855          | CDX Gas       | Pinnacle Mining Co, LLC | 1/1/2000        | 373500            | 813230             | 2.77        | 1.46       | 449792.0             | 4155065.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901856 | 109         | 1856          | CDX Gas       | Pinnacle Mining Co, LLC | 1/1/2000        | 373500            | 813230             | 2.75        | 1.43       | 449841.5             | 4155096.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901860 | 109         | 1860          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.51        | 1.25       | 450120.3             | 4152474.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901869 | 109         | 1869          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.27        | 1.25       | 450122.7             | 4152876.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901877 | 109         | 1877          | Penn Virginia |                         | 6/3/2000        | 374730            | 813000             | 1.83        | 2.02       | 452706.5             | 4179672.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901878 | 109         | 1878          | Penn Virginia |                         | 6/21/2000       | 374730            | 813230             | 1.97        | 0.05       | 452215.4             | 4179459.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901883 | 109         | 1883          | Penn Virginia |                         | 6/8/2000        | 374730            | 813000             | 1.51        | 1.90       | 452905.1             | 4180195.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901888 | 109         | 1888          | CDX Gas       | Pinnacle Mining Co, LLC |                 | 373000            | 813230             | 0.19        | 1.31       | 450007.5             | 4149979.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901889 | 109         | 1889          | CDX Gas       | Pinnacle Mining Co, LLC |                 | 373000            | 813230             | 0.27        | 1.31       | 450006.8             | 4149856.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901890 | 109         | 1890          | CDX Gas       | Pinnacle Mining Co, LLC | 7/18/2000       | 373000            | 813230             | 0.24        | 1.86       | 449122.8             | 4149891.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901891 | 109         | 1891          | CDX Gas       | Pinnacle Mining Co, LLC | 9/1/2000        | 373000            | 813230             | 0.20        | 1.81       | 449196.9             | 4149984.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901892 | 109         | 1892          | CDX Gas       | Pinnacle Mining Co, LLC | 9/19/2000       | 373000            | 813230             | 0.29        | 1.81       | 449195.9             | 4149829.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901893 | 109         | 1893          | CDX Gas       | Pinnacle Mining Co, LLC | 8/8/2000        | 373000            | 813500             | 0.25        | 0.09       | 448287.8             | 4149897.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901894 | 109         | 1894          | CDX Gas       | Pinnacle Mining Co, LLC | 1/13/2001       | 373000            | 813500             | 0.21        | 0.04       | 448361.7             | 4149958.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901895 | 109         | 1895          | CDX Gas       |                         | 11/26/2000      | 373000            | 813500             | 0.29        | 0.04       | 448361.0             | 4149835.0             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 769-814 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4710901749 | 109         | 1749          | 179,818                   | 11,640                    |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 191,458                    |
| 4710901750 | 109         | 1750          | 83,653                    |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 123,023                    |
| 4710901751 | 109         | 1751          | 213,499                   | 41,726                    | 13,796                    |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 269,021                    |
| 4710901754 | 109         | 1754          | 1,484                     | 0                         |                           | 0                         | 0                         |                           | 0                         | plugged                   | plugged                   | plugged                   | plugged                   | 1,484                      |
| 4710901755 | 109         | 1755          | 31,438                    | 80,551                    | 106,915                   | 85,462                    | 68,940                    | 57,126                    | 60,511                    | 50,127                    | 39,586                    | 15,182                    | 15,507                    | 611,345                    |
| 4710901756 | 109         | 1756          | 194,454                   | 40,932                    | 1,133                     | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 245,734                    |
| 4710901757 | 109         | 1757          | 183,597                   | 35,497                    |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 229,726                    |
| 4710901758 | 109         | 1758          | 5,057                     | 5,953                     | 8,343                     | 25,322                    | 36,029                    | 22,302                    | 24,130                    | 31,578                    | 30,291                    | 28,096                    | 23,164                    | 240,265                    |
| 4710901763 | 109         | 1763          | 63,480                    |                           |                           | 20,488                    | 15,134                    | 8,672                     | 10,288                    | 6,569                     | 5,518                     | 5,148                     | 5,226                     | 140,523                    |
| 4710901770 | 109         | 1770          | 163,187                   | 30,609                    | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 193,796                    |
| 4710901772 | 109         | 1772          | 10,441                    |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 33,908                     |
| 4710901773 | 109         | 1773          | 142,630                   | 81,110                    | 10,064                    |                           | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 233,804                    |
| 4710901774 | 109         | 1774          | 131,718                   | 87,723                    | 6,096                     | plugged                   | plugged                   |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 225,537                    |
| 4710901778 | 109         | 1778          | 112,657                   | 98,198                    | 9,925                     | plugged                   | plugged                   |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 220,780                    |
| 4710901779 | 109         | 1779          | 115,069                   | 143,069                   | 14,518                    |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 272,656                    |
| 4710901781 | 109         | 1781          | 168,906                   | 148,264                   | 39,575                    | 12,378                    |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 369,123                    |
| 4710901805 | 109         | 1805          | 125,912                   | 112,401                   | 22,074                    |                           | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 260,387                    |
| 4710901812 | 109         | 1812          | 97                        | 33,438                    | 66,300                    | 59,176                    | 37,164                    | 12,331                    | 22,075                    | 18,389                    | 7,942                     | 2,635                     | 1,102                     | 260,649                    |
| 4710901813 | 109         | 1813          | 148                       | 15,572                    | 46,419                    | 43,081                    | 33,339                    | 23,815                    | 24,107                    | 21,484                    | 22,664                    | 18,228                    | 17,494                    | 266,351                    |
| 4710901823 | 109         | 1823          | 315                       | 4,613                     | 3,745                     | 5,200                     | 5,366                     | 14,700                    | 5,018                     | 794                       | 628                       | 254                       | 410                       | 41,043                     |
| 4710901829 | 109         | 1829          |                           | 229,996                   | 58,604                    | 15,386                    | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 303,986                    |
| 4710901832 | 109         | 1832          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901833 | 109         | 1833          | 105,718                   | 143,951                   | 16,886                    |                           | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 266,555                    |
| 4710901834 | 109         | 1834          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901835 | 109         | 1835          | 65,596                    | 175,331                   | 25,644                    | 1,578                     |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 268,149                    |
| 4710901844 | 109         | 1844          | 20,345                    | 248,225                   | 50,372                    | 17,652                    |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 336,594                    |
| 4710901845 | 109         | 1845          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901847 | 109         | 1847          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901848 | 109         | 1848          |                           | 208,796                   | 45,283                    | 8,504                     |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 262,583                    |
| 4710901849 | 109         | 1849          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901850 | 109         | 1850          | 63,227                    | 143,100                   | 33,790                    | 17,051                    | 301,229                   | 52,865                    | 29,622                    |                           | abandoned well            | abandoned well            | abandoned well            | 640,884                    |
| 4710901855 | 109         | 1855          |                           |                           |                           | abandoned well            | abandoned well            |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901856 | 109         | 1856          |                           | 220,480                   | 27,610                    | 1,219                     |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 249,309                    |
| 4710901860 | 109         | 1860          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901869 | 109         | 1869          |                           |                           |                           | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901877 | 109         | 1877          |                           | 6,760                     | 7,693                     | 18,310                    | 31,947                    | 35,700                    | 31,205                    | 16,584                    | 10,195                    | 7,040                     | 5,934                     | 171,368                    |
| 4710901878 | 109         | 1878          |                           | 282                       | 1,220                     | 1,498                     | 2,164                     | 3,754                     | 9,673                     | 3,361                     | 373                       | 1,630                     | 1,804                     | 25,759                     |
| 4710901883 | 109         | 1883          |                           | 602                       | 11,274                    | 23,095                    | 25,688                    | 22,290                    | 11,743                    | 5,190                     | 1,689                     | 1,623                     | 3,020                     | 106,214                    |
| 4710901888 | 109         | 1888          |                           | 148,425                   | 209,262                   | 104,638                   | 60,512                    | 37,836                    | 10,601                    |                           | abandoned well            | abandoned well            | abandoned well            | 571,274                    |
| 4710901889 | 109         | 1889          |                           | 60,091                    | 188,702                   | 44,952                    | 17,924                    | 8,538                     | 2,510                     |                           | abandoned well            | abandoned well            | abandoned well            | 322,717                    |
| 4710901890 | 109         | 1890          |                           |                           |                           |                           | abandoned well            |                           | Mine Vent Well            | Mine Vent Well            | Mine Vent Well            | Mine Vent Well            | mine vent well            | 0                          |
| 4710901891 | 109         | 1891          |                           | 136,385                   | 584,919                   | 217,276                   | 89,294                    | 40,459                    | 23,010                    |                           | abandoned well            | abandoned well            | abandoned well            | 1,091,343                  |
| 4710901892 | 109         | 1892          |                           | 81,139                    | 217,593                   | 59,377                    | 23,170                    | 11,202                    | 3,567                     |                           | abandoned well            | abandoned well            | abandoned well            | 396,048                    |
| 4710901893 | 109         | 1893          |                           |                           |                           |                           | abandoned well            |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901894 | 109         | 1894          |                           |                           |                           | 89,093                    | 44,307                    | 19,184                    | 10,693                    | 7,089                     | abandoned well            | abandoned well            | abandoned well            | 170,366                    |
| 4710901895 | 109         | 1895          |                           | 1,374                     | 357,205                   | 53,788                    | 30,977                    | 10,928                    | 8,294                     | 3,182                     | abandoned well            | abandoned well            | abandoned well            | 465,748                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 769-814 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                                       | Comments                                                             |
|------------|-------------|---------------|--------------|------------------------------------------------------------|----------------------------------------------------------------------|
| 4710901749 | 109         | 1749          | Baileysville | Poca 3                                                     | horizontal                                                           |
| 4710901750 | 109         | 1750          | Baileysville | Poca 3                                                     | horizontal                                                           |
| 4710901751 | 109         | 1751          | unnamed      | Poca 4,3                                                   | horizontal;rework 07/29/2002 unsuccessful                            |
| 4710901754 | 109         | 1754          | McGraw       | Sewell, UprBeck, LwrBeck, FireCk, Poca 4, LwrPoca 4        | plugging plat 05/28/2004; plugged 10/14/2004                         |
| 4710901755 | 109         | 1755          | McGraw       | LwrBeck, LwrFireCk, FireCk sd, Poca 6                      |                                                                      |
| 4710901756 | 109         | 1756          | unnamed      | Poca 3                                                     | also a horizontal bore; plugged 05/15/2001                           |
| 4710901757 | 109         | 1757          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901758 | 109         | 1758          | McGraw       | LwrBeck, LwrFireCk, FireCk sd, UprFireCk, Poca 5 sd,4      |                                                                      |
| 4710901763 | 109         | 1763          | McGraw       | LwrBeck, UprFireCk, UprFireCk sd, LwrFireCk, Poca 6,5 sd,4 |                                                                      |
| 4710901770 | 109         | 1770          | unnamed      | Poca 3                                                     | plugged 09/22/2000                                                   |
| 4710901772 | 109         | 1772          | Welch        | Poca 3                                                     |                                                                      |
| 4710901773 | 109         | 1773          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901774 | 109         | 1774          | unnamed      | Poca 3                                                     | also a horizontal bore; plugged 02/28/2002                           |
| 4710901778 | 109         | 1778          | unnamed      | Poca 3                                                     | also a horizontal bore; plugged 02/27/2002                           |
| 4710901779 | 109         | 1779          | unnamed      | Poca 3                                                     | also a horizontal bore                                               |
| 4710901781 | 109         | 1781          | unnamed      | Poca 3                                                     | also a horizontal bore                                               |
| 4710901805 | 109         | 1805          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901812 | 109         | 1812          | McGraw       | LwrBeck, LwrFireCk sd, LwrFireCk coal                      |                                                                      |
| 4710901813 | 109         | 1813          | McGraw       | LwrBeck, LwrFireCk                                         |                                                                      |
| 4710901823 | 109         | 1823          | McGraw       | FireCk, Poca 6,5,4,4 sd                                    |                                                                      |
| 4710901829 | 109         | 1829          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901832 | 109         | 1832          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901833 | 109         | 1833          | unnamed      | Poca 3                                                     | also a horizontal bore                                               |
| 4710901834 | 109         | 1834          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901835 | 109         | 1835          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901844 | 109         | 1844          | unnamed      | Poca 3                                                     |                                                                      |
| 4710901845 | 109         | 1845          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901847 | 109         | 1847          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901848 | 109         | 1848          | unnamed      | Poca 3                                                     |                                                                      |
| 4710901849 | 109         | 1849          | unnamed      | Poca 3                                                     | unsuccessful horizontal drilling Poca 4 05/03/2003                   |
| 4710901850 | 109         | 1850          | unnamed      | Poca 3                                                     | horizontal drilling Poca 4 05/03/2003                                |
| 4710901855 | 109         | 1855          | unnamed      | Poca 3                                                     | horizontal                                                           |
| 4710901856 | 109         | 1856          | unnamed      | Poca 3                                                     |                                                                      |
| 4710901860 | 109         | 1860          | unnamed      | Poca 3                                                     | plugged 03/16/2000                                                   |
| 4710901869 | 109         | 1869          | unnamed      | Poca 3                                                     | plugged 03/21/2000                                                   |
| 4710901877 | 109         | 1877          | McGraw       | Beck                                                       |                                                                      |
| 4710901878 | 109         | 1878          | McGraw       | Beck, FireCk                                               |                                                                      |
| 4710901883 | 109         | 1883          | McGraw       | Beck, FireCk                                               |                                                                      |
| 4710901888 | 109         | 1888          | Big Creek    |                                                            | horizontal; 5 months production 2005                                 |
| 4710901889 | 109         | 1889          | Big Creek    |                                                            | horizontal; 5 months production 2005                                 |
| 4710901890 | 109         | 1890          | unnamed      |                                                            | non-producer                                                         |
| 4710901891 | 109         | 1891          | unnamed      | Poca 4,3                                                   | horizontal well; 11 months production 2005                           |
| 4710901892 | 109         | 1892          | unnamed      | Poca 4,3                                                   | horizontal well; 7 months production 2005                            |
| 4710901893 | 109         | 1893          | unnamed      |                                                            | non-producer                                                         |
| 4710901894 | 109         | 1894          | unnamed      | Poca 3                                                     | horizontal well; 9 months production 2005; 5 months production 2006  |
| 4710901895 | 109         | 1895          | unnamed      | Poca 3                                                     | horizontal well; 11 months production 2005, 5 months production 2006 |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 815-860 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator      | Subsequent Operator     | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------|-------------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4710901896 | 109         | 1896          | CDX Gas       | Pinnacle Mining Co, LLC | 11/6/2000       | 373000            | 813500             | 0.20        | 0.13       | 448214.9             | 4149990.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901897 | 109         | 1897          | CDX Gas       |                         | 2/9/2001        | 373000            | 813500             | 0.29        | 0.13       | 448214.0             | 4149836.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901903 | 109         | 1903          | Penn Virginia |                         | 7/13/2000       | 374730            | 813230             | 2.18        | 0.27       | 451846.5             | 4179122.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901906 | 109         | 1906          | Penn Virginia |                         | 7/14/2000       | 374730            | 813230             | 2.56        | 0.37       | 451696.4             | 4178507.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901920 | 109         | 1920          | CDX Gas       |                         | 5/22/2000       | 373500            | 813230             | 2.77        | 1.87       | 449129.5             | 4155069.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901921 | 109         | 1921          | CDX Gas       | Pinnacle Mining Co, LLC | 5/5/2000        | 373230            | 813230             | 0.30        | 1.89       | 449101.3             | 4154422.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901922 | 109         | 1922          | CDX Gas       |                         | 6/10/2000       | 373500            | 813230             | 2.80        | 1.83       | 449203.5             | 4155038.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901923 | 109         | 1923          | CDX Gas       |                         | 6/10/2000       | 373500            | 813230             | 2.77        | 1.80       | 449252.2             | 4155068.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901925 | 109         | 1925          | Penn Virginia |                         | 7/7/2000        | 374730            | 813230             | 2.28        | 0.87       | 450891.3             | 4178974.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901937 | 109         | 1937          | Penn Virginia |                         | 7/17/2000       | 374730            | 813230             | 2.13        | 0.54       | 451431.0             | 4179217.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901942 | 109         | 1942          | CDX Gas       | Pinnacle Mining Co, LLC | 11/3/1998       | 373230            | 813230             | 0.45        | 0.51       | 451308.7             | 4154163.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901948 | 109         | 1948          | CDX Gas       | Pinnacle Mining Co, LLC | 12/11/2000      | 373000            | 813230             | 0.24        | 0.88       | 450694.2             | 4149882.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901949 | 109         | 1949          | CDX Gas       | Pinnacle Mining Co, LLC | 3/9/2001        | 373000            | 813230             | 0.21        | 0.87       | 450718.8             | 4149944.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901950 | 109         | 1950          | CDX Gas       | Pinnacle Mining Co, LLC | 2/24/2001       | 373000            | 813230             | 0.26        | 0.90       | 450669.7             | 4149852.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901953 | 109         | 1953          | CDX Gas       |                         | 7/21/2001       | 373000            | 813500             | 0.43        | 0.86       | 447033.7             | 4149627.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901954 | 109         | 1954          | CDX Gas       |                         | 6/18/2001       | 373000            | 813500             | 0.38        | 0.83       | 447083.3             | 4149689.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901955 | 109         | 1955          | CDX Gas       |                         | 5/19/2001       | 373000            | 813500             | 0.48        | 0.81       | 447131.5             | 4149534.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901956 | 109         | 1956          | CDX Gas       |                         | 7/21/2001       | 373000            | 813500             | 0.40        | 0.89       | 447009.6             | 4149658.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901957 | 109         | 1957          | CDX Gas       |                         | 7/7/2001        | 373000            | 813500             | 0.48        | 0.89       | 447008.8             | 4149535.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901963 | 109         | 1963          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.13        | 1.49       | 449731.6             | 4153093.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901971 | 109         | 1971          | CDX Gas       |                         | 11/2/2001       | 373230            | 813500             | 2.13        | 0.47       | 447684.2             | 4151503.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901972 | 109         | 1972          | CDX Gas       |                         | 8/28/2002       | 373230            | 813500             | 2.18        | 0.43       | 447757.1             | 4151410.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710901973 | 109         | 1973          | CDX Gas       | Pinnacle Mining Co, LLC | 10/19/2001      | 373230            | 813500             | 2.14        | 0.47       | 447684.0             | 4151472.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901974 | 109         | 1974          | CDX Gas       | CAD Energy Corporation  | 9/26/2001       | 373230            | 813500             | 2.10        | 0.51       | 447610.2             | 4151534.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901975 | 109         | 1975          | CDX Gas       |                         | 11/2/2001       | 373230            | 813500             | 2.15        | 0.47       | 447684.0             | 4151472.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901976 | 109         | 1976          | CDX Gas       |                         | 6/23/2002       | 373230            | 813500             | 2.19        | 1.52       | 445989.1             | 4151421.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901977 | 109         | 1977          | CDX Gas       |                         | 6/1/2002        | 373230            | 813500             | 2.20        | 1.51       | 446013.9             | 4151390.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901978 | 109         | 1978          | CDX Gas       |                         | 5/19/2002       | 373230            | 813500             | 2.22        | 1.47       | 446062.9             | 4151360.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901979 | 109         | 1979          | CDX Gas       |                         | 6/23/2002       | 373230            | 813500             | 2.18        | 1.53       | 445964.8             | 4151421.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901980 | 109         | 1980          | CDX Gas       |                         | 6/12/2002       | 373230            | 813500             | 2.19        | 1.52       | 445989.1             | 4151421.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710901985 | 109         | 1985          | Penn Virginia |                         |                 | 374500            | 813230             | 0.99        | 1.10       | 450517.5             | 4176645.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710901992 | 109         | 1992          | Penn Virginia |                         | 4/6/2001        | 374730            | 813000             | 0.18        | 1.00       | 454360.4             | 4182344.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710901993 | 109         | 1993          | Penn Virginia |                         | 4/4/2001        | 374500            | 813230             | 0.35        | 0.64       | 451249.3             | 4177462.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710901997 | 109         | 1997          | Penn Virginia |                         | 4/9/2001        | 374730            | 813000             | 1.30        | 2.01       | 452735.7             | 4180535.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902024 | 109         | 2024          | Penn Virginia |                         | 5/20/2001       | 374730            | 813000             | 1.77        | 1.58       | 453416.2             | 4179791.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902027 | 109         | 2027          | Penn Virginia |                         | 7/2/2001        | 374230            | 813000             | 1.24        | 1.92       | 452829.9             | 4171381.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902028 | 109         | 2028          | Penn Virginia |                         | 7/30/2001       | 374230            | 813000             | 1.40        | 2.19       | 452387.8             | 4171137.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902029 | 109         | 2029          | Penn Virginia |                         | 1/18/2002       | 374230            | 813000             | 1.79        | 0.00       | 455911.4             | 4170481.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902030 | 109         | 2030          | Penn Virginia |                         | 9/11/2001       | 374500            | 813230             | 0.67        | 0.84       | 450928.2             | 4176939.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902033 | 109         | 2033          | Penn Virginia |                         | 9/14/2001       | 374500            | 813230             | 1.04        | 1.39       | 450035.5             | 4176349.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902034 | 109         | 2034          | CDX Gas       |                         | 7/22/2003       | 373230            | 813500             | 1.05        | 1.10       | 446684.7             | 4153239.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902035 | 109         | 2035          | CDX Gas       |                         | 7/22/2003       | 373230            | 813500             | 1.03        | 1.10       | 446684.9             | 4153271.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902049 | 109         | 2049          | Penn Virginia |                         | 8/17/2001       | 374500            | 813230             | 0.09        | 0.45       | 451545.4             | 4177861.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902057 | 109         | 2057          | Penn Virginia |                         | 10/1/2001       | 374730            | 813000             | 1.32        | 2.00       | 452759.7             | 4180504.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902058 | 109         | 2058          | USX           | Pinnacle Mining Co, LLC |                 | 373230            | 813230             | 1.55        | 1.71       | 449383.6             | 4152417.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902061 | 109         | 2061          | Penn Virginia |                         | 10/4/2001       | 374730            | 813000             | 0.81        | 1.35       | 453792.4             | 4181330.5             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 815-860 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4710901896 | 109         | 1896          |                           | 4,321                     | 244,123                   | 97,758                    | 41,034                    | 13,459                    | 5,245                     |                           | abandoned well            | abandoned well            | abandoned well            | 405,940                    |
| 4710901897 | 109         | 1897          |                           | 39,667                    | 357,416                   | 183,146                   | 84,861                    | 69,559                    | 51,086                    | 30,733                    | 20,340                    | 0-abandoned well          | abandoned well            | 836,808                    |
| 4710901903 | 109         | 1903          |                           | 339                       | 252                       | 418                       | 417                       | 887                       | 322                       | abandoned well            | 0-abandoned well          | 2                         | 423                       | 3,060                      |
| 4710901906 | 109         | 1906          |                           | 88                        | 534                       | 728                       | 369                       | 1,797                     | 1,616                     | 279                       | 110                       | 179                       | 83                        | 5,783                      |
| 4710901920 | 109         | 1920          |                           | 111,047                   | 90,453                    | 30,429                    | 11,971                    | 6,398                     |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 250,298                    |
| 4710901921 | 109         | 1921          |                           | 173,071                   | 86,997                    | 27,815                    |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | 287,883                    |
| 4710901922 | 109         | 1922          |                           |                           |                           |                           | abandoned well            |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901923 | 109         | 1923          |                           | 126,150                   | 53,098                    | 8,094                     |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 187,342                    |
| 4710901925 | 109         | 1925          |                           | 1,913                     | 6,728                     | 26,420                    | 44,740                    | 22,281                    | 15,437                    | 9,824                     | 3,672                     | 2,186                     | 2,485                     | 135,686                    |
| 4710901937 | 109         | 1937          |                           | 8,382                     |                           |                           | abandoned well            | 18,079                    | 8,748                     | 2,850                     | 0-abandoned well          | 0-abandoned well          | abandoned well            | 38,059                     |
| 4710901942 | 109         | 1942          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901948 | 109         | 1948          |                           |                           |                           |                           |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 0                          |
| 4710901949 | 109         | 1949          |                           |                           | 150,008                   | 67,666                    | 35,062                    | 13,120                    |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 265,856                    |
| 4710901950 | 109         | 1950          |                           |                           | 228,639                   | 115,411                   | 47,387                    | 19,507                    |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 410,944                    |
| 4710901953 | 109         | 1953          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4710901954 | 109         | 1954          |                           |                           | 305,315                   | 301,205                   | 81,118                    | 68,061                    | 52,908                    | 26,718                    | 19,205                    | 8,491                     |                           | 863,021                    |
| 4710901955 | 109         | 1955          |                           |                           | 301,686                   | 310,304                   | 87,233                    | 79,952                    | 43,728                    | 22,402                    | 15,913                    | 7,496                     | 10,034                    | 878,748                    |
| 4710901956 | 109         | 1956          |                           |                           | 308,565                   | 401,036                   | 119,711                   | 74,494                    | 49,647                    | 32,845                    | 30,359                    | 23,567                    | 3,984                     | 1,044,208                  |
| 4710901957 | 109         | 1957          |                           |                           | 252,318                   | 371,823                   | 89,511                    | 91,804                    | 61,065                    | 46,597                    | 42,406                    | 18,174                    | 15,199                    | 988,897                    |
| 4710901963 | 109         | 1963          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710901971 | 109         | 1971          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4710901972 | 109         | 1972          |                           | 4,218                     |                           | 127,498                   | 58,270                    | 15,628                    | 4,924                     |                           | abandoned well            | abandoned well            | abandoned well            | 210,538                    |
| 4710901973 | 109         | 1973          |                           | 79                        | 7,390                     | 507,433                   | 158,287                   | 49,023                    | 31,012                    | 19,366                    | abandoned well            | abandoned well            | abandoned well            | 772,590                    |
| 4710901974 | 109         | 1974          |                           |                           | 39,958                    | 217,777                   | 96,780                    | 62,500                    | 45,989                    |                           | 22,373                    | 11,414                    | 0                         | 496,791                    |
| 4710901975 | 109         | 1975          |                           |                           | 4,722                     | 430,768                   | 108,428                   | 41,895                    | 19,655                    | 14,626                    | 18,584                    | 32,454                    |                           | 671,132                    |
| 4710901976 | 109         | 1976          |                           |                           |                           | 246,749                   |                           |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 246,749                    |
| 4710901977 | 109         | 1977          |                           |                           |                           | 262,165                   | 170,049                   | 87,973                    | 49,468                    | 35,251                    | 29,007                    | 33,495                    | 3,973                     | 671,381                    |
| 4710901978 | 109         | 1978          |                           |                           |                           | 206,330                   | 211,529                   | 75,977                    | 26,568                    | 16,214                    | 12,740                    | 21,415                    | 2,025                     | 572,798                    |
| 4710901979 | 109         | 1979          |                           |                           |                           | 248,057                   | 196,553                   | 134,262                   | 85,554                    | 42,040                    | 32,206                    | 35,294                    | 5,165                     | 779,131                    |
| 4710901980 | 109         | 1980          |                           |                           |                           |                           | 202,258                   | 119,237                   | 50,769                    | 21,697                    | 20,099                    | 29,542                    | 4,184                     | 447,786                    |
| 4710901985 | 109         | 1985          |                           |                           |                           |                           | 1,008                     | 979                       | 460                       | 0                         | 0                         | 0                         | 0                         | 2,447                      |
| 4710901992 | 109         | 1992          |                           | 18,138                    |                           | 858                       | 6,387                     | 8,780                     | 5,237                     | 354                       | 0-abandoned well          | 0-abandoned well          | abandoned well            | 39,754                     |
| 4710901993 | 109         | 1993          |                           | 11,394                    |                           |                           | 87,777                    | 52,990                    | 57,394                    | 41,946                    | 26,466                    | 19,065                    | 9,740                     | 306,772                    |
| 4710901997 | 109         | 1997          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710902024 | 109         | 2024          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710902027 | 109         | 2027          |                           |                           |                           | 2,790                     | 2,369                     | 1,387                     | 372                       | 1,203                     | 158                       | 0-abandoned well          | 18                        | 8,297                      |
| 4710902028 | 109         | 2028          |                           |                           |                           | 2,610                     | 4,880                     | 7,158                     | 7,650                     | 3,630                     | 922                       | 385                       | 579                       | 27,814                     |
| 4710902029 | 109         | 2029          |                           |                           |                           | 8,713                     | 25,877                    | 30,518                    | 16,512                    | 10,196                    | 3,377                     | 2,473                     | 1,643                     | 99,309                     |
| 4710902030 | 109         | 2030          |                           |                           |                           | 32,720                    | 59,587                    | 42,743                    | 49,521                    | 36,143                    | 29,638                    | 23,329                    | 20,034                    | 293,715                    |
| 4710902033 | 109         | 2033          |                           |                           |                           |                           | 14,323                    | 13,377                    | 16,612                    | 15,637                    | 14,624                    | 13,889                    | 12,903                    | 101,365                    |
| 4710902034 | 109         | 2034          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4710902035 | 109         | 2035          |                           |                           |                           |                           | 93,226                    | 249,277                   | 132,072                   | 54,969                    | 32,349                    | 15,410                    | 5,919                     | 583,222                    |
| 4710902049 | 109         | 2049          |                           |                           |                           | 36,639                    | 75,922                    | 73,912                    | 50,621                    | 42,061                    | 15,934                    | 9,152                     | 9,114                     | 313,355                    |
| 4710902057 | 109         | 2057          |                           |                           |                           | 1,460                     | 6,306                     | 5,036                     | 2,139                     | 1,238                     | 654                       | 1,090                     | 680                       | 18,603                     |
| 4710902058 | 109         | 2058          |                           |                           | plugged                   | plugged                   | plugged                   |                           |                           | plugged                   | plugged                   | plugged                   | plugged                   | 0                          |
| 4710902061 | 109         | 2061          |                           |                           |                           | 1,486                     | 1,118                     | 1,241                     | 1,093                     | 825                       | 688                       | 825                       | 1,120                     | 8,396                      |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 815-860 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                                               | Comments                                                              |
|------------|-------------|---------------|--------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| 4710901896 | 109         | 1896          | unnamed      | Poca 3                                                             | horizontal well; 6 months production 2005                             |
| 4710901897 | 109         | 1897          | unnamed      | Poca 4,3                                                           | horizontal well                                                       |
| 4710901903 | 109         | 1903          | McGraw       | Beck                                                               | 10 months production 2005                                             |
| 4710901906 | 109         | 1906          | McGraw       | Beck, LwrFireCk, Poca 6                                            |                                                                       |
| 4710901920 | 109         | 1920          | unnamed      | Poca 3                                                             |                                                                       |
| 4710901921 | 109         | 1921          | unnamed      | Poca 3                                                             |                                                                       |
| 4710901922 | 109         | 1922          | unnamed      | Poca 3                                                             | horizontal                                                            |
| 4710901923 | 109         | 1923          | unnamed      | Poca 3                                                             |                                                                       |
| 4710901925 | 109         | 1925          | McGraw       | LwrBeck sd, LwrBeck, LwrFireCk sd, LwrFire Ck                      |                                                                       |
| 4710901937 | 109         | 1937          | McGraw       | Beck, FireCk sd                                                    |                                                                       |
| 4710901942 | 109         | 1942          | unnamed      | Poca 3                                                             | horizontal;plugged 09/22/2000                                         |
| 4710901948 | 109         | 1948          | unnamed      |                                                                    | non-producer                                                          |
| 4710901949 | 109         | 1949          | unnamed      | Poca 3                                                             | horizontal well                                                       |
| 4710901950 | 109         | 1950          | unnamed      | Poca 3                                                             | horizontal well                                                       |
| 4710901953 | 109         | 1953          | Baileysville |                                                                    | dry hole                                                              |
| 4710901954 | 109         | 1954          | Baileysville | Poca 4,3                                                           | horizontal; 7 months production 2008                                  |
| 4710901955 | 109         | 1955          | Baileysville | Poca 4,3                                                           | horizontal                                                            |
| 4710901956 | 109         | 1956          | Baileysville | Poca 4,3                                                           | horizontal                                                            |
| 4710901957 | 109         | 1957          | Baileysville | Poca 4,3                                                           | horizontal                                                            |
| 4710901963 | 109         | 1963          | unnamed      |                                                                    | also a horizontal bore; plugged 01/18/2001                            |
| 4710901971 | 109         | 1971          | Baileysville |                                                                    | non-producer                                                          |
| 4710901972 | 109         | 1972          | Baileysville | Poca 3                                                             | horizontal; 7 months production 2005                                  |
| 4710901973 | 109         | 1973          | Baileysville | Poca 3                                                             | horizontal; JV well, 2004 only CDX prod 7/10/2005; 9 months prod 2006 |
| 4710901974 | 109         | 1974          | Baileysville | Poca 3                                                             | horizontal                                                            |
| 4710901975 | 109         | 1975          | Baileysville | Poca 3                                                             | horizontal; 9 months production 2008                                  |
| 4710901976 | 109         | 1976          | Baileysville |                                                                    | non-producer                                                          |
| 4710901977 | 109         | 1977          | Baileysville | Poca 3                                                             | horizontal                                                            |
| 4710901978 | 109         | 1978          | Baileysville | Poca 3                                                             | horizontal; 6 months production 2002                                  |
| 4710901979 | 109         | 1979          | Baileysville | Poca 3                                                             | horizontal; 6 months production 2002                                  |
| 4710901980 | 109         | 1980          | Baileysville | Poca 3                                                             | horizontal                                                            |
| 4710901985 | 109         | 1985          |              | Big Lime well partial plug back to CBM; no record for CBM activity |                                                                       |
| 4710901992 | 109         | 1992          | McGraw       | LwrBeck                                                            | 4 months production 2006                                              |
| 4710901993 | 109         | 1993          | McGraw       | Beck, LwrFireCk                                                    |                                                                       |
| 4710901997 | 109         | 1997          | McGraw       |                                                                    | hit unexpected open mine; P & A 04/09/2001                            |
| 4710902024 | 109         | 2024          | McGraw       |                                                                    | dry hole; plugged 05/20/2001                                          |
| 4710902027 | 109         | 2027          | McGraw       | Poca 6,5                                                           | 10 months production 2005                                             |
| 4710902028 | 109         | 2028          | McGraw       | Poca 6,5                                                           |                                                                       |
| 4710902029 | 109         | 2029          | McGraw       | Poca 6,5                                                           | 9+ months production 2002                                             |
| 4710902030 | 109         | 2030          | McGraw       | Beck, LwrFireCk                                                    |                                                                       |
| 4710902033 | 109         | 2033          | McGraw       | Lwr Beck, FireCk, Poca 4                                           |                                                                       |
| 4710902034 | 109         | 2034          | Baileysville |                                                                    | non-producer                                                          |
| 4710902035 | 109         | 2035          | Baileysville | Poca 3                                                             | horizontal; 11 months production 2008                                 |
| 4710902049 | 109         | 2049          | McGraw       | Beck                                                               |                                                                       |
| 4710902057 | 109         | 2057          | McGraw       | Beck, LwrFireCk                                                    |                                                                       |
| 4710902058 | 109         | 2058          | unnamed      |                                                                    | also a horizontal bore; plugged 05/10/2001                            |
| 4710902061 | 109         | 2061          | McGraw       | Beck, Rvcf                                                         |                                                                       |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 861-906 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator      | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4710902062 | 109         | 2062          | Penn Virginia |                     | 9/18/2001       | 374730            | 813000             | 1.15        | 1.76       | 453128.8             | 4180779.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902068 | 109         | 2068          | Penn Virginia |                     | 9/21/2001       | 374500            | 813230             | 1.05        | 2.11       | 448868.8             | 4176336.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902085 | 109         | 2085          | CDX Gas       |                     | 7/15/2002       | 373230            | 813500             | 1.11        | 1.20       | 446523.1             | 4153144.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902094 | 109         | 2094          | Penn Virginia |                     | 11/12/2002      | 374000            | 813730             | 0.29        | 0.27       | 444433.7             | 4168351.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902095 | 109         | 2095          | Penn Virginia |                     | 11/12/2001      | 374000            | 813730             | 1.02        | 0.36       | 444278.4             | 4167181.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902096 | 109         | 2096          | CDX Gas       |                     | 7/29/2002       | 373230            | 813500             | 1.17        | 0.01       | 448438.5             | 4153035.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902097 | 109         | 2097          | CDX Gas       |                     | 12/17/2001      | 373230            | 813730             | 0.99        | 0.34       | 444234.6             | 4153344.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902098 | 109         | 2098          | CDX Gas       |                     | 11/17/2001      | 373230            | 813730             | 0.95        | 0.40       | 444136.6             | 4153406.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902099 | 109         | 2099          | CDX Gas       |                     | 12/17/2001      | 373230            | 813730             | 1.02        | 0.31       | 444283.6             | 4153313.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902100 | 109         | 2100          | CDX Gas       |                     | 12/2/2002       | 373230            | 813730             | 1.01        | 0.39       | 444136.0             | 4153314.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902212 | 109         | 2212          | Geomet        |                     | 4/17/2003       | 373230            | 814000             | 1.42        | 2.55       | 436982.0             | 4152711.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710902213 | 109         | 2213          | Geomet        |                     | 5/12/2003       | 373230            | 814000             | 0.92        | 0.70       | 439964.7             | 4153497.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902215 | 109         | 2215          | Penn Virginia |                     | 5/8/2003        | 374730            | 813000             | 2.08        | 0.88       | 454539.1             | 4179261.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902216 | 109         | 2216          | Penn Virginia |                     |                 | 374730            | 813000             | 2.05        | 0.93       | 454466.0             | 4179323.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902218 | 109         | 2218          | Penn Virginia |                     | 5/3/2003        | 374730            | 813000             | 2.13        | 0.87       | 454563.2             | 4179199.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902246 | 109         | 2246          | Penn Virginia |                     | 7/8/2003        | 374730            | 813000             | 0.61        | 0.42       | 455286.0             | 4181630.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902247 | 109         | 2247          | Penn Virginia |                     |                 | 374730            | 813000             | 0.59        | 0.43       | 455278.8             | 4181666.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902248 | 109         | 2248          | Penn Virginia |                     | 7/18/2003       | 374730            | 813000             | 0.62        | 0.41       | 455310.5             | 4181630.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902275 | 109         | 2275          | CDX Gas       |                     | 8/19/2003       | 373230            | 813500             | 1.06        | 1.59       | 445895.6             | 4153228.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902276 | 109         | 2276          | CDX Gas       |                     | 9/11/2003       | 373230            | 813500             | 1.17        | 1.60       | 445878.4             | 4153051.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902277 | 109         | 2277          | CDX Gas       |                     | 9/1/2003        | 373230            | 813500             | 1.11        | 1.60       | 445879.0             | 4153148.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902279 | 109         | 2279          | Penn Virginia |                     | 10/5/2003       | 374730            | 813000             | 2.76        | 2.05       | 452650.6             | 4178186.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902280 | 109         | 2280          | Penn Virginia |                     | 10/20/2003      | 374730            | 813000             | 2.71        | 2.05       | 452651.1             | 4178267.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902281 | 109         | 2281          | Penn Virginia |                     | 9/9/2003        | 374730            | 813000             | 2.79        | 2.08       | 452602.0             | 4178138.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902289 | 109         | 2289          | CDX Gas       |                     | 10/24/2003      | 373230            | 813730             | 2.14        | 0.54       | 443892.7             | 4151502.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902290 | 109         | 2290          | CDX Gas       |                     | 10/24/2003      | 373230            | 813730             | 2.14        | 0.49       | 443973.3             | 4151502.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902311 | 109         | 2311          | Penn Virginia |                     | 12/4/2003       | 374500            | 813000             | 2.75        | 2.08       | 452581.5             | 4173580.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902312 | 109         | 2312          | Penn Virginia |                     | 7/26/2004       | 374500            | 813000             | 2.74        | 2.07       | 452597.7             | 4173596.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902313 | 109         | 2313          | Penn Virginia |                     | 4/11/2004       | 374500            | 813000             | 2.75        | 2.07       | 452597.6             | 4173580.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902325 | 109         | 2325          | Penn Virginia |                     | 1/2/2004        | 374230            | 813000             | 1.31        | 2.24       | 452310.8             | 4171278.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902326 | 109         | 2326          | Penn Virginia |                     | 9/29/2004       | 374230            | 813000             | 1.30        | 2.24       | 452311.0             | 4171310.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902327 | 109         | 2327          | Penn Virginia |                     | 10/30/2004      | 374230            | 813000             | 1.32        | 2.23       | 452326.8             | 4171261.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902328 | 109         | 2328          | Penn Virginia |                     | 7/17/2004       | 374230            | 813000             | 2.34        | 2.07       | 452574.8             | 4169617.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902329 | 109         | 2329          | Penn Virginia |                     | 7/17/2004       | 374230            | 813000             | 2.32        | 2.06       | 452591.1             | 4169650.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902330 | 109         | 2330          | Penn Virginia |                     | 7/18/2004       | 374230            | 813000             | 2.34        | 2.09       | 452542.6             | 4169618.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902343 | 109         | 2343          | CDX Gas       |                     | 5/4/2004        | 373230            | 813500             | 0.07        | 0.65       | 447419.2             | 4154813.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902349 | 109         | 2349          | Penn Virginia |                     | 5/22/2004       | 374730            | 812730             | 2.72        | 0.75       | 458415.4             | 4178220.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902350 | 109         | 2350          | Penn Virginia |                     | 10/18/2004      | 374730            | 812730             | 2.67        | 0.74       | 458432.0             | 4178300.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902351 | 109         | 2351          | Penn Virginia |                     | 11/19/2004      | 374730            | 812730             | 2.77        | 0.76       | 458398.9             | 4178139.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710902363 | 109         | 2363          | Penn Virginia |                     | 3/4/2004        | 374730            | 812500             | 2.16        | 2.17       | 459803.4             | 4179115.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902364 | 109         | 2364          | Penn Virginia |                     | 9/7/2004        | 374730            | 812500             | 2.11        | 2.18       | 459787.7             | 4179195.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902365 | 109         | 2365          | Penn Virginia |                     | 10/2/2004       | 374730            | 812500             | 2.21        | 2.17       | 459803.0             | 4179034.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902372 | 109         | 2372          | CDX Gas       |                     | 7/5/2004        | 373230            | 813500             | 0.04        | 2.14       | 445021.0             | 4154876.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902373 | 109         | 2373          | CDX Gas       |                     | 8/7/2004        | 373230            | 813730             | 0.26        | 0.06       | 444685.9             | 4154524.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902390 | 109         | 2390          | Penn Virginia |                     | 8/2/2004        | 374500            | 812730             | 0.56        | 1.23       | 457639.9             | 4177095.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902391 | 109         | 2391          | Penn Virginia |                     | 9/27/2004       | 374500            | 812730             | 0.56        | 1.24       | 457623.7             | 4177079.7             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 861-906 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4710902062 | 109         | 2062          |                           |                           | 853                       | 14,445                    | 6,075                     | 4,878                     | 4,941                     | 6,057                     | 4,960                     | 5,791                     | 4,302                     | 52,302                     |
| 4710902068 | 109         | 2068          |                           |                           |                           |                           | 30,534                    | 10,144                    | 7,530                     | 1,464                     | 8,658                     | 3,392                     | 699                       | 62,421                     |
| 4710902085 | 109         | 2085          |                           |                           |                           | 146,424                   | 182,189                   | 23,907                    | 11,012                    |                           | abandoned well            | abandoned well            | abandoned well            | 363,532                    |
| 4710902094 | 109         | 2094          |                           |                           |                           | 4,095                     | 5,487                     | 2,648                     | 3,231                     | 3,658                     | 4,798                     | 3,775                     | 2,281                     | 29,973                     |
| 4710902095 | 109         | 2095          |                           |                           |                           | 16,352                    | 24,205                    | 10,394                    | 10,311                    | 6,487                     | 4,251                     | 2,853                     | 998                       | 75,851                     |
| 4710902096 | 109         | 2096          |                           |                           |                           | 138,285                   | 170,113                   | 42,271                    | 13,974                    |                           | abandoned well            | abandoned well            | abandoned well            | 364,643                    |
| 4710902097 | 109         | 2097          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4710902098 | 109         | 2098          |                           |                           | 1,427                     | 156,747                   | 70,984                    | 28,879                    | 47,043                    | 39,451                    | 32,071                    | 26,865                    | 20,639                    | 424,106                    |
| 4710902099 | 109         | 2099          |                           |                           |                           | 229,925                   | 68,041                    | 56,649                    | 64,606                    | 52,442                    | 40,408                    | 27,551                    | 23,990                    | 563,612                    |
| 4710902100 | 109         | 2100          |                           |                           |                           | 311,184                   | 143,955                   | 75,364                    | 68,966                    | 48,267                    | 37,717                    | 34,383                    | 27,780                    | 747,616                    |
| 4710902212 | 109         | 2212          |                           |                           |                           | 79,332                    |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 79,332                     |
| 4710902213 | 109         | 2213          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | 4,215                     | 33,167                    | 37,382                     |
| 4710902215 | 109         | 2215          |                           |                           |                           | 25,053                    |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 25,053                     |
| 4710902216 | 109         | 2216          |                           |                           |                           |                           | 93,658                    |                           |                           | abandoned well            | abandoned well            | abandoned well            | abandoned well            | 93,658                     |
| 4710902218 | 109         | 2218          |                           |                           |                           |                           |                           | 118,694                   | 108,432                   | 63,802                    | 31,903                    | 28,134                    | 20,706                    | 371,671                    |
| 4710902246 | 109         | 2246          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | not available             | 0                          |
| 4710902247 | 109         | 2247          |                           |                           |                           |                           | 51,956                    | 105,205                   | 46,849                    | 67,900                    | 77,255                    |                           |                           | 349,165                    |
| 4710902248 | 109         | 2248          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | 66,616                    | 66,098                    | 132,714                    |
| 4710902275 | 109         | 2275          |                           |                           |                           |                           | 109,779                   | 204,405                   | 143,668                   | 93,984                    | 74,494                    | 59,347                    | 26,394                    | 712,071                    |
| 4710902276 | 109         | 2276          |                           |                           |                           |                           | 42,504                    | 265,727                   | 132,325                   | 72,785                    | 65,632                    | 32,878                    | 30,559                    | 642,410                    |
| 4710902277 | 109         | 2277          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4710902279 | 109         | 2279          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4710902280 | 109         | 2280          |                           |                           |                           |                           | 4,583                     | 269,368                   | 287,342                   | 150,613                   | 119,991                   | 95,267                    | 71,316                    | 998,480                    |
| 4710902281 | 109         | 2281          |                           |                           |                           |                           | 144,135                   | 793,120                   | 243,002                   | 296,062                   | 241,094                   | 323,496                   | 300,724                   | 2,341,633                  |
| 4710902289 | 109         | 2289          |                           |                           |                           |                           | 26,579                    | 138,802                   | 93,205                    | 53,687                    | 42,786                    | 38,992                    | 31,267                    | 425,318                    |
| 4710902290 | 109         | 2290          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | abandoned well            | abandoned well            | 0                          |
| 4710902311 | 109         | 2311          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902312 | 109         | 2312          |                           |                           |                           |                           |                           | 147,725                   | 773,121                   | 538,318                   | 298,375                   | 219,574                   | 99,450                    | 2,076,563                  |
| 4710902313 | 109         | 2313          |                           |                           |                           |                           |                           | 30,381                    | 438,602                   | 331,409                   | 170,032                   | 166,503                   | 96,404                    | 1,233,331                  |
| 4710902325 | 109         | 2325          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902326 | 109         | 2326          |                           |                           |                           |                           |                           |                           | 402,337                   | 373,516                   | 172,401                   | 77,430                    | 27,883                    | 1,053,567                  |
| 4710902327 | 109         | 2327          |                           |                           |                           |                           |                           |                           | 494,044                   | 290,854                   | 229,162                   | 197,345                   | 115,112                   | 1,326,517                  |
| 4710902328 | 109         | 2328          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902329 | 109         | 2329          |                           |                           |                           |                           |                           | 12,609                    | 129,796                   | 165,907                   | 87,531                    | 73,390                    | 59,462                    | 528,695                    |
| 4710902330 | 109         | 2330          |                           |                           |                           |                           |                           | 16,983                    | 387,765                   | 130,609                   | 86,407                    | 41,560                    | 30,503                    | 693,827                    |
| 4710902343 | 109         | 2343          |                           |                           |                           |                           |                           | 393,722                   | 539,937                   | 264,649                   | 77,097                    | 129,430                   | 87,140                    | 1,491,975                  |
| 4710902349 | 109         | 2349          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902350 | 109         | 2350          |                           |                           |                           |                           |                           |                           | 371,132                   | 255,581                   | 136,480                   | 133,743                   | 84,511                    | 981,447                    |
| 4710902351 | 109         | 2351          |                           |                           |                           |                           |                           |                           | 560,715                   | 341,482                   | abandoned well            | 162,869                   | 110,148                   | 1,175,214                  |
| 4710902363 | 109         | 2363          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902364 | 109         | 2364          |                           |                           |                           |                           |                           |                           | 386,777                   | 73,315                    | 78,451                    | 115,004                   | 82,748                    | 736,295                    |
| 4710902365 | 109         | 2365          |                           |                           |                           |                           |                           |                           | 461,090                   | 207,943                   | 48,076                    | 106,644                   | 85,138                    | 908,891                    |
| 4710902372 | 109         | 2372          |                           |                           |                           |                           |                           | 87,919                    | 323,380                   | 271,294                   | 57,935                    | 28,921                    | 3,103                     | 772,552                    |
| 4710902373 | 109         | 2373          |                           |                           |                           |                           |                           | 75,278                    | 733,190                   | 348,769                   | 193,591                   | 123,783                   | 71,375                    | 1,545,986                  |
| 4710902390 | 109         | 2390          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902391 | 109         | 2391          |                           |                           |                           |                           |                           |                           | 306,632                   | 259,435                   | 175,519                   | 136,253                   | 105,273                   | 983,112                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 861-906 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                                              | Comments                                                                                   |
|------------|-------------|---------------|--------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 4710902062 | 109         | 2062          | McGraw       | Beck, Rvcf                                                        | only December, 2001 production                                                             |
| 4710902068 | 109         | 2068          | McGraw       | Beck, Poca6                                                       |                                                                                            |
| 4710902085 | 109         | 2085          | Baileysville | Poca 3                                                            | horizontal; 5 months production 2002                                                       |
| 4710902094 | 109         | 2094          | Mann-Oceana  | Beck, Poca6, Poca5                                                |                                                                                            |
| 4710902095 | 109         | 2095          | Baileysville | Beck, Poca6, Poca4                                                |                                                                                            |
| 4710902096 | 109         | 2096          | Baileysville | Poca 3                                                            | horizontal; rework 07/29/2002; 5 months production 2002                                    |
| 4710902097 | 109         | 2097          | Baileysville |                                                                   | non-producer                                                                               |
| 4710902098 | 109         | 2098          | Baileysville | Poca 3                                                            | horizontal                                                                                 |
| 4710902099 | 109         | 2099          | Baileysville | Poca 3                                                            | horizontal                                                                                 |
| 4710902100 | 109         | 2100          | Baileysville | Poca 3                                                            | horizontal                                                                                 |
| 4710902212 | 109         | 2212          | Baileysville | 7 coals                                                           |                                                                                            |
| 4710902213 | 109         | 2213          | Baileysville | 6 coals                                                           |                                                                                            |
| 4710902215 | 109         | 2215          | McGraw       | Beck                                                              | 19,000 feet horizontal laterals; open hole completion                                      |
| 4710902216 | 109         | 2216          | McGraw       | Beck                                                              | DEP OOG website says never drilled? Wrong id for prod data?                                |
| 4710902218 | 109         | 2218          | McGraw       | Beck                                                              | laterals associated with 109 2215                                                          |
| 4710902246 | 109         | 2246          | McGraw       | Lwr Beck                                                          | laterals associated with 109 2248                                                          |
| 4710902247 | 109         | 2247          |              |                                                                   | 1 month production 2003; no production reported 2008; 11 months production 2005 and 2006   |
| 4710902248 | 109         | 2248          | McGraw       | Beck                                                              | laterals                                                                                   |
| 4710902275 | 109         | 2275          | Baileysville | Poca 3                                                            |                                                                                            |
| 4710902276 | 109         | 2276          | Baileysville | Poca 3                                                            | 3 months production 2003                                                                   |
| 4710902277 | 109         | 2277          | Baileysville | non-producer                                                      |                                                                                            |
| 4710902279 | 109         | 2279          | McGraw       | Beck                                                              | laterals associated with 109 2280 and 2281                                                 |
| 4710902280 | 109         | 2280          | McGraw       | Beck                                                              | laterals; only 1 month production 2003                                                     |
| 4710902281 | 109         | 2281          | McGraw       | Beck                                                              | laterals; only 2 months production 2003                                                    |
| 4710902289 | 109         | 2289          | unnamed      | Poca 3                                                            | horizontal; 2 months production 2003                                                       |
| 4710902290 | 109         | 2290          | unnamed      | Poca 3                                                            | non-producer                                                                               |
| 4710902311 | 109         | 2311          | McGraw       | Lwr Beck and Poca 6 horizontals-service well; see 109 2312 and 23 |                                                                                            |
| 4710902312 | 109         | 2312          | McGraw       | Lwr Beck and Poca 6 horizontals                                   | 2 months production 2004                                                                   |
| 4710902313 | 109         | 2313          | McGraw       | Lwr Beck and Poca 6 horizontals                                   | 2 months production 2004                                                                   |
| 4710902325 | 109         | 2325          | McGraw       | Fire Crk and Poca 6 horizontals-service well; see 109 2326 and 23 |                                                                                            |
| 4710902326 | 109         | 2326          | McGraw       | Fire Crk and Poca 6 horizontals                                   | 10 months production 2005                                                                  |
| 4710902327 | 109         | 2327          | McGraw       | Fire Crk and Poca 6 horizontals                                   | 11+ months production 2005                                                                 |
| 4710902328 | 109         | 2328          | McGraw       | Lwr Beck, Fire Crk and Poca 6 horizontals; service well; see 109  |                                                                                            |
| 4710902329 | 109         | 2329          | McGraw       | Lwr Beck and Poca 6 horizontals                                   | 2 months production 2004                                                                   |
| 4710902330 | 109         | 2330          | McGraw       | Fire Crk and Poca 6 horizontals                                   | 2 months production 2004                                                                   |
| 4710902343 | 109         | 2343          | Baileysville | Poca 3                                                            | laterals;one leg non-producer; 7 months production 2004; 2 production records 2007?, 2008? |
| 4710902349 | 109         | 2349          | McGraw       | Lwr Beck horizontals- service well; see 109 2350 and 2351         |                                                                                            |
| 4710902350 | 109         | 2350          | McGraw       | Lwr Beck horizontals                                              |                                                                                            |
| 4710902351 | 109         | 2351          | McGraw       | Lwr Beck horizontals                                              | 10 months production 2005                                                                  |
| 4710902363 | 109         | 2363          | McGraw       | Lwr Beck horizontals- service well; see 109 2364 and 2365         |                                                                                            |
| 4710902364 | 109         | 2364          | McGraw       | Lwr Beck horizontals                                              |                                                                                            |
| 4710902365 | 109         | 2365          | McGraw       | Lwr Beck horizontals                                              |                                                                                            |
| 4710902372 | 109         | 2372          | Baileysville | Poca 3                                                            | laterals; 2 production records 2007                                                        |
| 4710902373 | 109         | 2373          | Baileysville | Poca 3 horizontals, A, B, C                                       | 2 production records 2007 and 2008                                                         |
| 4710902390 | 109         | 2390          | McGraw       | Lwr Beck horizontals- service well; see 109 2391and 2392          |                                                                                            |
| 4710902391 | 109         | 2391          | McGraw       | Lwr Beck horizontals                                              |                                                                                            |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 907-952 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator      | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4710902392 | 109         | 2392          | Penn Virginia |                     | 10/29/2004      | 374500            | 812730             | 0.58        | 1.22       | 457655.7             | 4177047.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902394 | 109         | 2394          | Penn Virginia |                     | 2/17/2005       | 374730            | 812730             | 0.98        | 0.40       | 458993.1             | 4181019.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902395 | 109         | 2395          | Penn Virginia |                     | 11/18/2004      | 374730            | 812730             | 0.96        | 0.41       | 458977.2             | 4181051.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902396 | 109         | 2396          | Penn Virginia |                     | 8/24/2004       | 374730            | 812730             | 1.00        | 0.38       | 459025.2             | 4180986.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902400 | 109         | 2400          | Penn Virginia |                     | 10/13/2004      | 374500            | 812500             | 0.39        | 1.53       | 460829.8             | 4177337.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902401 | 109         | 2401          | Penn Virginia |                     | 1/28/2005       | 374500            | 812500             | 0.35        | 1.51       | 460862.3             | 4177401.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710902402 | 109         | 2402          | Penn Virginia |                     | 1/5/2005        | 374500            | 812500             | 0.42        | 1.56       | 460781.3             | 4177289.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902404 | 109         | 2404          | Penn Virginia |                     | 4/29/2005       | 374730            | 812730             | 1.16        | 1.16       | 457768.0             | 4180735.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902405 | 109         | 2405          | Penn Virginia |                     |                 | 374730            | 812730             | 1.16        | 1.16       | 457768.0             | 4180735.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902406 | 109         | 2406          | Penn Virginia |                     | 4/29/2005       | 374730            | 812730             | 1.15        | 1.25       | 457623.1             | 4180752.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902449 | 109         | 2449          | Penn Virginia |                     | 2/17/2005       | 374730            | 812730             | 1.00        | 0.38       | 459025.2             | 4180986.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902454 | 109         | 2454          | Penn Virginia |                     | 1/6/2005        | 374230            | 812730             | 0.16        | 1.85       | 456621.8             | 4173106.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902455 | 109         | 2455          | Penn Virginia |                     |                 | 374230            | 812730             | 0.16        | 1.85       | 456621.8             | 4173106.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902456 | 109         | 2456          | Penn Virginia |                     | 3/31/2005       | 374230            | 812730             | 0.22        | 1.87       | 456589.2             | 4173009.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902493 | 109         | 2493          | Penn Virginia |                     | 4/29/2005       | 374730            | 812730             | 2.61        | 1.94       | 456499.7             | 4178407.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902494 | 109         | 2494          | Penn Virginia |                     | 6/13/2005       | 374730            | 812730             | 2.61        | 1.94       | 456499.7             | 4178407.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902497 | 109         | 2497          | Penn Virginia |                     | 4/13/2005       | 374500            | 812730             | 0.50        | 2.16       | 456144.7             | 4177184.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902498 | 109         | 2498          | Penn Virginia |                     | 5/13/2005       | 374500            | 812730             | 0.54        | 2.22       | 456047.9             | 4177120.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902536 | 109         | 2536          | Penn Virginia |                     | 7/8/2005        | 374500            | 813000             | 2.29        | 1.23       | 453953.1             | 4174313.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902537 | 109         | 2537          | Penn Virginia |                     | 9/11/2005       | 374500            | 813000             | 2.23        | 1.22       | 453969.7             | 4174410.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902538 | 109         | 2538          | Penn Virginia |                     | 10/9/2005       | 374500            | 813000             | 2.34        | 1.21       | 453984.8             | 4174232.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710902544 | 109         | 2544          | Penn Virginia |                     | 10/15/2005      | 374000            | 813000             | 0.05        | 1.06       | 454195.3             | 4168673.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902545 | 109         | 2545          | Penn Virginia |                     | 9/24/2005       | 374000            | 813000             | 0.01        | 1.03       | 454244.0             | 4168737.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902570 | 109         | 2570          | Penn Virginia |                     | 10/12/2006      | 374000            | 813000             | 1.25        | 0.37       | 455295.7             | 4166735.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902571 | 109         | 2571          | Penn Virginia |                     | 4/25/2007       | 374000            | 813000             | 1.24        | 0.28       | 455440.7             | 4166750.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902585 | 109         | 2585          | CDX Gas       |                     | 11/16/2005      | 373500            | 813500             | 1.38        | 0.71       | 447338.6             | 4157327.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902586 | 109         | 2586          | CDX Gas       |                     | 10/24/2005      | 373500            | 813500             | 1.43        | 0.71       | 447338.1             | 4157246.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902587 | 109         | 2587          | CDX Gas       |                     | 11/16/2005      | 373500            | 813500             | 1.31        | 0.70       | 447355.4             | 4157439.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902594 | 109         | 2594          | CDX Gas       |                     | 1/18/2006       | 373500            | 813500             | 1.61        | 1.86       | 445485.4             | 4156968.6             |                           |                           |                           |                           |                           |                           |                           |
| 4710902595 | 109         | 2595          | CDX Gas       |                     | 2/9/2006        | 373500            | 813500             | 1.56        | 1.85       | 445502.1             | 4157049.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902602 | 109         | 2602          | CDX Gas       |                     | 2/9/2006        | 373500            | 813500             | 1.50        | 1.86       | 445486.6             | 4157145.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902605 | 109         | 2605          | CDX Gas       |                     | 3/7/2006        | 373500            | 813500             | 0.30        | 1.98       | 445306.2             | 4159079.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902606 | 109         | 2606          | CDX Gas       |                     | 2/10/2006       | 373500            | 813500             | 0.31        | 1.88       | 445467.0             | 4159062.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902607 | 109         | 2607          | CDX Gas       |                     | 4/2/2006        | 373500            | 813500             | 0.66        | 0.32       | 447973.5             | 4158482.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902608 | 109         | 2608          | CDX Gas       |                     | 4/2/2006        | 373500            | 813500             | 0.60        | 0.36       | 447909.7             | 4158579.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902614 | 109         | 2614          | CDX Gas       |                     | 8/26/2006       | 373500            | 813730             | 1.80        | 0.85       | 443428.7             | 4156676.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902615 | 109         | 2615          | CDX Gas       |                     | 8/26/2006       | 373500            | 813730             | 1.80        | 0.91       | 443332.1             | 4156677.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902616 | 109         | 2616          | CDX Gas       |                     | 7/21/2006       | 373500            | 813730             | 1.80        | 0.80       | 443509.2             | 4156675.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710902617 | 109         | 2617          | CDX Gas       |                     | 8/4/2006        | 373500            | 813730             | 0.38        | 1.00       | 443202.9             | 4158964.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902618 | 109         | 2618          | CDX Gas       |                     | 6/1/2006        | 373500            | 813730             | 0.44        | 1.00       | 443202.3             | 4158867.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902619 | 109         | 2619          | CDX Gas       |                     | 8/4/2006        | 373500            | 813730             | 0.33        | 1.02       | 443171.3             | 4159045.3             |                           |                           |                           |                           |                           |                           |                           |
| 4710902724 | 109         | 2724          | CDX Gas       |                     | 11/9/2006       | 373500            | 813230             | 0.86        | 0.44       | 451457.9             | 4158139.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902725 | 109         | 2725          | CDX Gas       |                     | 11/9/2006       | 373500            | 813230             | 0.83        | 0.40       | 451522.6             | 4158187.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902742 | 109         | 2742          | CDX Gas       |                     | 3/9/2007        | 373730            | 813230             | 2.53        | 1.92       | 449088.3             | 4160087.0             |                           |                           |                           |                           |                           |                           |                           |
| 4710902760 | 109         | 2760          | CDX Gas       |                     | 10/16/2006      | 373500            | 813230             | 1.61        | 1.01       | 450533.5             | 4156936.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902761 | 109         | 2761          | CDX Gas       |                     | 11/27/2006      | 373500            | 813230             | 1.68        | 1.01       | 450532.9             | 4156824.2             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 907-952 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4710902392 | 109         | 2392          |                           |                           |                           |                           |                           |                           | 397,023                   | 210,607                   | 139,417                   | 90,038                    | 101,230                   | 938,315                    |
| 4710902394 | 109         | 2394          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902395 | 109         | 2395          |                           |                           |                           |                           |                           |                           | 307,034                   | 184,254                   | 121,370                   | 64,232                    | 47,550                    | 724,440                    |
| 4710902396 | 109         | 2396          |                           |                           |                           |                           |                           |                           | 256,597                   | 174,050                   | 169,148                   | 129,968                   | 77,382                    | 807,145                    |
| 4710902400 | 109         | 2400          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902401 | 109         | 2401          |                           |                           |                           |                           |                           |                           | 6,938                     | 14,348                    | 254,204                   | 232,354                   | 72,149                    | 579,993                    |
| 4710902402 | 109         | 2402          |                           |                           |                           |                           |                           |                           | 4,620                     | 3,740                     | 257,213                   | 327,375                   | 78,323                    | 671,271                    |
| 4710902404 | 109         | 2404          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902405 | 109         | 2405          |                           |                           |                           |                           |                           |                           | 150,511                   | 145,010                   | 98,984                    | 78,233                    | 63,447                    | 536,185                    |
| 4710902406 | 109         | 2406          |                           |                           |                           |                           |                           |                           | 212,745                   | 274,932                   | 192,939                   | 47,262                    | 45,281                    | 773,159                    |
| 4710902449 | 109         | 2449          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902454 | 109         | 2454          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902455 | 109         | 2455          |                           |                           |                           |                           |                           |                           | 66,856                    | 60,243                    | 154,106                   | 137,080                   | 208,016                   | 626,301                    |
| 4710902456 | 109         | 2456          |                           |                           |                           |                           |                           |                           |                           | service well              | 304                       | 7,476                     | 739                       | 8,519                      |
| 4710902493 | 109         | 2493          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902494 | 109         | 2494          |                           |                           |                           |                           |                           |                           | 151,249                   | 303,250                   | 170,749                   | 152,401                   | 119,864                   | 897,513                    |
| 4710902497 | 109         | 2497          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902498 | 109         | 2498          |                           |                           |                           |                           |                           |                           | 62,743                    | 147,578                   | 98,574                    | 52,853                    | 36,548                    | 398,296                    |
| 4710902536 | 109         | 2536          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | service well              | abandoned well            | 0                          |
| 4710902537 | 109         | 2537          |                           |                           |                           |                           |                           |                           | 10,738                    | 237,620                   | 161,540                   | 159,539                   | 127,284                   | 696,721                    |
| 4710902538 | 109         | 2538          |                           |                           |                           |                           |                           |                           | 8,804                     | 207,240                   | 118,217                   | 104,705                   | 80,972                    | 519,938                    |
| 4710902544 | 109         | 2544          |                           |                           |                           |                           |                           |                           |                           | service well              | service well              | 65,559                    | 50,187                    | 115,746                    |
| 4710902545 | 109         | 2545          |                           |                           |                           |                           |                           |                           |                           | 76,799                    | 88,760                    | not available             | not available             | 165,559                    |
| 4710902570 | 109         | 2570          |                           |                           |                           |                           |                           |                           |                           |                           | 149,139                   | 128,887                   | 88,666                    | 366,692                    |
| 4710902571 | 109         | 2571          |                           |                           |                           |                           |                           |                           |                           | 855                       | 122,650                   | 227,445                   | 140,906                   | 491,856                    |
| 4710902585 | 109         | 2585          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | not available             | 0                          |
| 4710902586 | 109         | 2586          |                           |                           |                           |                           |                           |                           |                           | 497,270                   | 270,149                   | 187,216                   | 130,698                   | 1,085,333                  |
| 4710902587 | 109         | 2587          |                           |                           |                           |                           |                           |                           |                           | 266,664                   | 197,863                   | 120,901                   | 63,407                    | 648,835                    |
| 4710902594 | 109         | 2594          |                           |                           |                           |                           |                           |                           |                           | 145,464                   | 245,314                   | 158,332                   | 100,623                   | 649,733                    |
| 4710902595 | 109         | 2595          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | not available             | 0                          |
| 4710902602 | 109         | 2602          |                           |                           |                           |                           |                           |                           |                           | 138,758                   | 190,465                   | 123,166                   | 81,117                    | 533,506                    |
| 4710902605 | 109         | 2605          |                           |                           |                           |                           |                           |                           |                           | 93,687                    | 109,882                   | 89,975                    | 57,481                    | 351,025                    |
| 4710902606 | 109         | 2606          |                           |                           |                           |                           |                           |                           |                           | 123,050                   | 178,608                   | 113,675                   | 113,675                   | 529,008                    |
| 4710902607 | 109         | 2607          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | not available             | 0                          |
| 4710902608 | 109         | 2608          |                           |                           |                           |                           |                           |                           |                           | 76,558                    | 127,595                   | 91,065                    | 50,833                    | 346,051                    |
| 4710902614 | 109         | 2614          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | not available             | 0                          |
| 4710902615 | 109         | 2615          |                           |                           |                           |                           |                           |                           |                           | 43,517                    | 211,614                   | 104,086                   | 69,897                    | 429,114                    |
| 4710902616 | 109         | 2616          |                           |                           |                           |                           |                           |                           |                           | 26,607                    | 103,644                   | 74,433                    | 53,898                    | 258,582                    |
| 4710902617 | 109         | 2617          |                           |                           |                           |                           |                           |                           |                           |                           | not available             | not available             | not available             | 0                          |
| 4710902618 | 109         | 2618          |                           |                           |                           |                           |                           |                           |                           | 6,147                     | 25,479                    | 18,578                    | 6,652                     | 56,856                     |
| 4710902619 | 109         | 2619          |                           |                           |                           |                           |                           |                           |                           | 10,697                    | 56,451                    | 42,104                    | 19,696                    | 128,948                    |
| 4710902724 | 109         | 2724          |                           |                           |                           |                           |                           |                           |                           |                           |                           | under construction        | under construction        | 0                          |
| 4710902725 | 109         | 2725          |                           |                           |                           |                           |                           |                           |                           | 5,792                     | 184,668                   | 93,371                    | 40,742                    | 324,573                    |
| 4710902742 | 109         | 2742          |                           |                           |                           |                           |                           |                           |                           |                           | 46,414                    | 72,025                    |                           | 118,439                    |
| 4710902760 | 109         | 2760          |                           |                           |                           |                           |                           |                           |                           | 9,086                     | 251,880                   | 101,412                   | 55,354                    | 417,732                    |
| 4710902761 | 109         | 2761          |                           |                           |                           |                           |                           |                           |                           | 3,621                     | 209,733                   | 0-abandoned well          | abandoned well            | 213,354                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 907-952 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name   | Pays                                                               | Comments                  |
|------------|-------------|---------------|--------------|--------------------------------------------------------------------|---------------------------|
| 4710902392 | 109         | 2392          | McGraw       | Lwr Beck horizontals                                               | 11 months production 2005 |
| 4710902394 | 109         | 2394          | McGraw       | Beck; service well; see 109 2395 and 2396                          |                           |
| 4710902395 | 109         | 2395          | McGraw       | Lwr Beckley horizontals; see 109 2394 and 2396                     | 8 months production 2005  |
| 4710902396 | 109         | 2396          | McGraw       | plugging plat 08/27/2004???                                        | 9 months production 2005  |
| 4710902400 | 109         | 2400          | McGraw       | Lwr Beck and Poca 3 horizontals service well; see 109 2401 and 24  |                           |
| 4710902401 | 109         | 2401          | McGraw       | Lwr Beck and Poca 3 horizontals; see 109 2400 and 2402             | 3 months production 2005  |
| 4710902402 | 109         | 2402          | McGraw       | Lwr Beck and Poca 3 horizontals; see 109 2400 and 2401             | 7 months production 2005  |
| 4710902404 | 109         | 2404          | McGraw       | Lwr Beckley horizontals;service well; see 109 2405 and 2406        |                           |
| 4710902405 | 109         | 2405          | McGraw       | Lwr Beckley horizontals, see 109 2404 and 2406                     | 6 months production 2005  |
| 4710902406 | 109         | 2406          | McGraw       | Lwr Beckley horizontals; see 109 2404 and 2405                     | 6+ months production 2005 |
| 4710902449 | 109         | 2449          | McGraw       | Lwr Beck horizontals                                               |                           |
| 4710902454 | 109         | 2454          | McGraw       | Lwr Beck horizontals; service well; see 109 2455 and 2456          |                           |
| 4710902455 | 109         | 2455          | McGraw       | Poca 4                                                             | 5 months production 2005  |
| 4710902456 | 109         | 2456          | McGraw       | Lwr Beck horizontals; see 109 2454 and 2455                        |                           |
| 4710902493 | 109         | 2493          | McGraw       | Lwr Beck horizontals service well; see 109 2494                    | 5 months production 2005  |
| 4710902494 | 109         | 2494          | McGraw       | Lwr Beck horizontals; see 109 2493                                 |                           |
| 4710902497 | 109         | 2497          | McGraw       | Lwr Beck horizontals service well; see 109 2498                    |                           |
| 4710902498 | 109         | 2498          | McGraw       | Lwr Beck horizontals; see 109 2497                                 | 4 months production 2005  |
| 4710902536 | 109         | 2536          | McGraw       | Lwr Beck horizontals; service well; see 109 2537 and 2538          |                           |
| 4710902537 | 109         | 2537          | McGraw       | Lwr Beck horizontals; see 109 2536 and 2538                        | 1 month production 2005   |
| 4710902538 | 109         | 2538          | McGraw       | Lwr Beck horizontals; see 109 2536 and 2537                        | 1 month production 2005   |
| 4710902544 | 109         | 2544          | McGraw       | Lwr Beck horizontals; see 109 2545                                 |                           |
| 4710902545 | 109         | 2545          | McGraw       | Lwr Beck horizontals service well; see 109 2544                    | 11 months production 2006 |
| 4710902570 | 109         | 2570          | McGraw       | Lwr Bwck, Poca 3                                                   |                           |
| 4710902571 | 109         | 2571          |              | Lwr Beck and Poca 3 horizontals                                    | 1 month production 2006   |
| 4710902585 | 109         | 2585          | Baileysville | Poca 3 non-producer; see also 109 2586 and 2587                    |                           |
| 4710902586 | 109         | 2586          | Baileysville | Poca 3; see also 109 2585 and 2587                                 |                           |
| 4710902587 | 109         | 2587          | Baileysville | Poca 3; see also 109 2585 and 2586                                 |                           |
| 4710902594 | 109         | 2594          | Baileysville | Poca 3 horizontals; see also 109 2595 and 2602; 9 months prod 2006 |                           |
| 4710902595 | 109         | 2595          | Baileysville | Poca 3 horizontals;service well; see also 109 2595 and 2602        |                           |
| 4710902602 | 109         | 2602          | Baileysville | Poca 3 horizontals; see also 109 2595 and 2602; 9 months prod 2006 |                           |
| 4710902605 | 109         | 2605          | Baileysville | Poca 3 horizontals; see also 109 2604 and 2606; 8 months prod 2006 |                           |
| 4710902606 | 109         | 2606          | Baileysville | Poca 3 horizontals; see also 109 2604 and 2605; 8 months prod 2006 |                           |
| 4710902607 | 109         | 2607          |              | Poca 3 horizontals; service well; see also 109 2608                |                           |
| 4710902608 | 109         | 2608          |              | Poca 3 horizontals; see also 109 2607                              | 7 months production 2006  |
| 4710902614 | 109         | 2614          |              | Poca 3; non-producer; see 109 2615 and 2616                        |                           |
| 4710902615 | 109         | 2615          |              | Poca 3; see 109 2614 and 2616                                      | 2+ months production 2006 |
| 4710902616 | 109         | 2616          |              | Poca 3; see 109 2614 and 2615                                      | 2+ months production 2006 |
| 4710902617 | 109         | 2617          |              | Poca 3; non-producer; see 109 2618 and 2619                        |                           |
| 4710902618 | 109         | 2618          |              | Poca 3; see 109 2617 and 2619                                      | 4 months production 2006  |
| 4710902619 | 109         | 2619          |              | Poca 3; see 109 2617 and 2618                                      | 3+ months production 2006 |
| 4710902724 | 109         | 2724          |              | Poca 3; non-producer; see 109 2725                                 |                           |
| 4710902725 | 109         | 2725          |              | Poca 3; see 109 2724                                               | 1 month production 2006   |
| 4710902742 | 109         | 2742          |              | Poca 3 horizontals                                                 | 8 months production 2007  |
| 4710902760 | 109         | 2760          |              | Poca 3 horizontals                                                 | 1 month production 2006   |
| 4710902761 | 109         | 2761          |              | Poca 3 horizontals                                                 | 1 month production 2006   |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 953-962 of 962. Columns, part 1 of 3.

| API Number | County Code | Permit Number | Operator      | Subsequent Operator | Completion Date | Latitude (ddmmss) | Longitude (ddmmss) | Miles South | Miles West | UTM Easting (meters) | UTM Northing (meters) | Gas Production 1992 (Mcf) | Gas Production 1993 (Mcf) | Gas Production 1994 (Mcf) | Gas Production 1995 (Mcf) | Gas Production 1996 (Mcf) | Gas Production 1997 (Mcf) | Gas Production 1998 (Mcf) |
|------------|-------------|---------------|---------------|---------------------|-----------------|-------------------|--------------------|-------------|------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 4710902762 | 109         | 2762          | CDX Gas       |                     | 1/1/2007        | 373500            | 813230             | 1.67        | 1.07       | 450436.4             | 4156840.9             |                           |                           |                           |                           |                           |                           |                           |
| 4710902763 | 109         | 2763          | CDX Gas       |                     |                 | 373500            | 813230             | 1.60        | 1.08       | 450421.0             | 4156953.7             |                           |                           |                           |                           |                           |                           |                           |
| 4710902769 | 109         | 2769          | CDX Gas       |                     | 2/2/2007        | 373500            | 813230             | 1.53        | 0.41       | 451499.9             | 4157060.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902770 | 109         | 2770          | CDX Gas       |                     | 1/8/2007        | 373500            | 813230             | 1.62        | 0.41       | 451499.1             | 4156915.1             |                           |                           |                           |                           |                           |                           |                           |
| 4710902805 | 109         | 2805          | CDX Gas       | Penn Virginia       | 6/12/2007       | 374000            | 812500             | 0.58        | 1.74       | 460446.4             | 4167787.8             |                           |                           |                           |                           |                           |                           |                           |
| 4710902806 | 109         | 2806          | CDX Gas       | Penn Virginia       | 5/12/2007       | 374000            | 812500             | 0.63        | 1.73       | 460462.1             | 4167707.2             |                           |                           |                           |                           |                           |                           |                           |
| 4710902815 | 109         | 2815          | CDX Gas       |                     | 3/16/2007       | 373730            | 813230             | 2.11        | 0.69       | 451071.0             | 4160751.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902839 | 109         | 2839          | Penn Virginia |                     | 8/27/2007       | 374230            | 813230             | 0.63        | 0.96       | 450703.4             | 4172382.5             |                           |                           |                           |                           |                           |                           |                           |
| 4710902840 | 109         | 2840          | Penn Virginia |                     | 7/15/2007       | 374230            | 813230             | 0.73        | 0.95       | 450718.6             | 4172221.4             |                           |                           |                           |                           |                           |                           |                           |
| 4710902875 | 109         | 2875          | CDX Gas       |                     |                 | 373500            | 813230             | 1.55        | 1.44       | 449842.1             | 4157037.7             |                           |                           |                           |                           |                           |                           |                           |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 953-962 of 962. Columns, part 2 of 3.

| API Number | County Code | Permit Number | Gas Production 1999 (Mcf) | Gas Production 2000 (Mcf) | Gas Production 2001 (Mcf) | Gas Production 2002 (Mcf) | Gas Production 2003 (Mcf) | Gas Production 2004 (Mcf) | Gas Production 2005 (Mcf) | Gas Production 2006 (Mcf) | Gas Production 2007 (Mcf) | Gas Production 2008 (Mcf) | Gas Production 2009 (Mcf) | Gas Production Total (Mcf) |
|------------|-------------|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 4710902762 | 109         | 2762          |                           |                           |                           |                           |                           |                           |                           |                           | 107,240                   | 28,726                    | 20,684                    | 156,650                    |
| 4710902763 | 109         | 2763          |                           |                           |                           |                           |                           |                           |                           |                           | 79,743                    | 63,285                    | 40,018                    | 183,046                    |
| 4710902769 | 109         | 2769          |                           |                           |                           |                           |                           |                           |                           |                           | 202,697                   | 108,005                   | 51,257                    | 361,959                    |
| 4710902770 | 109         | 2770          |                           |                           |                           |                           |                           |                           |                           |                           | 215,617                   | 99,919                    | 51,521                    | 367,057                    |
| 4710902805 | 109         | 2805          |                           |                           |                           |                           |                           |                           |                           |                           | 4,934                     | 113,257                   | 72,743                    | 190,934                    |
| 4710902806 | 109         | 2806          |                           |                           |                           |                           |                           |                           |                           |                           | 38,878                    | 96,173                    | 77,532                    | 212,583                    |
| 4710902815 | 109         | 2815          |                           |                           |                           |                           |                           |                           |                           |                           | 94,825                    | 95,995                    | 54,951                    | 245,771                    |
| 4710902839 | 109         | 2839          |                           |                           |                           |                           |                           |                           |                           |                           | 75,590                    | 425,530                   | 159,383                   | 660,503                    |
| 4710902840 | 109         | 2840          |                           |                           |                           |                           |                           |                           |                           |                           | 284,915                   | 570,435                   | 257,831                   | 1,113,181                  |
| 4710902875 | 109         | 2875          |                           |                           |                           |                           |                           |                           |                           |                           | 45,400                    | 67,036                    | 37,209                    | 149,645                    |

Coal-Bed Methane Wells Reported to WVGES (continued). Entire table. Rows 953-962 of 962. Columns, part 3 of 3.

| API Number | County Code | Permit Number | Field Name | Pays               | Comments                   |
|------------|-------------|---------------|------------|--------------------|----------------------------|
| 4710902762 | 109         | 2762          |            | Poca 3 horizontals | 11+ months production 2007 |
| 4710902763 | 109         | 2763          |            | Poca 3 horizontals | 8+ months production 2007  |
| 4710902769 | 109         | 2769          |            | Poca 3 horizontals | 10+ months production 2007 |
| 4710902770 | 109         | 2770          |            | Poca 3 horizontals | 11+ months production 2007 |
| 4710902805 | 109         | 2805          |            | Poca 3 horizontals | 4+ months production 2007  |
| 4710902806 | 109         | 2806          |            | Poca 3 horizontals | 5 months production 2007   |
| 4710902815 | 109         | 2815          |            | Poca 3 horizontals | 7+ months production 2007  |
| 4710902839 | 109         | 2839          |            | Poca 6 horizontals | 2+ months production 2007  |
| 4710902840 | 109         | 2840          |            | Poca 6 horizontals | 4 months production 2007   |
| 4710902875 | 109         | 2875          |            | Poca 4 horizontals | 5 months production 2007   |

**Keys: Coal-Bed Methane Wells Reported to  
WVGES**

**County code translations**

|            |            |
|------------|------------|
| <b>001</b> | Barbour    |
| <b>005</b> | Boone      |
| <b>015</b> | Clay       |
| <b>033</b> | Harrison   |
| <b>045</b> | Logan      |
| <b>047</b> | McDowell   |
| <b>049</b> | Marion     |
| <b>051</b> | Marshall   |
| <b>061</b> | Monongalia |
| <b>069</b> | Ohio       |
| <b>081</b> | Raleigh    |
| <b>091</b> | Taylor     |
| <b>103</b> | Wetzel     |
| <b>109</b> | Wyoming    |

**Formation translations**

|                |             |
|----------------|-------------|
| <b>Bak</b>     | Bakerstown  |
| <b>Beck</b>    | Beckley     |
| <b>Brkvl</b>   | Brookville  |
| <b>BrshCrk</b> | Brush Creek |
| <b>Clm</b>     | Clarion     |
| <b>FireCk</b>  | Fire Creek  |
| <b>Frpt</b>    | Freeport    |
| <b>Kit</b>     | Kittanning  |
| <b>Mahng</b>   | Mahoning    |
| <b>Mrcr</b>    | Mercer      |
| <b>Pgh</b>     | Pittsburgh  |
| <b>Poca</b>    | Pocahontas  |
| <b>Ral</b>     | Raleigh     |
| <b>Redst</b>   | Redstone    |
| <b>Rvcf</b>    | Ravencliff  |
| <b>Swkly</b>   | Sewickley   |
| <b>SqrJim</b>  | Squire Jim  |

**General abbreviations**

|            |        |
|------------|--------|
| <b>Lit</b> | Little |
| <b>Lwr</b> | Lower  |
| <b>Mid</b> | Middle |
| <b>Rdr</b> | Rider  |
| <b>sd</b>  | sand   |
| <b>Upr</b> | Upper  |

Data are current through July 2010.

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