Unweighted Ranking	Container Type	FID	Test_ID	Field/Location	Normalized Rating	Distance to infrastructure	Acreage	Average depth	Net thickness	Trap integrity	Legacy well penetrations	Stacked opportunity?
1	mined-rock cavern			M-R5	19	3	3	3	3	3	2	2
2	depleted Newburg Sandstone	3	11737	North Ripley	16	3	3	1	3	3	1	2
2	depleted Newburg Sandstone	7	11741	Rocky Fork	16	3	3	1	3	3	1	2
2	depleted Newburg Sandstone	9	11743	Kanawha Forest	16	3	3	1	3	3	1	2
2	mined-rock cavern			M-R4	16	3	3	3	3	1	1	2
3	depleted Oriskany Sandstone	34	11135	Campbell Creek	15	3	3	3	2	2	1	1
3	mined-rock cavern			M-R2	15	3	3	3	3	0	0	3
3	salt cavern			S-1	15	3	2	2	3	3	1	1
3	salt cavern			S-2	15	3	3	2	3	3	1	0
2	depleted Upper Devonian sands	553	11104	Weston-Jane Lew	14	3	3	3	3	0	1	1
4	depleted Clinton/Medina Group	124	1981	CANTON CONSOLIDATED	14	3	3	3	2	0	3	0
4	depleted Newburg Sandstone	8	11742	Cooper Creek	14	2	3	1	3	3	1	1
4	depleted Upper Devonian sands	643	11223	Abbott-French Creek	14	2	3	2	3	1	3	0
4	gas storage field	14		Ripley	14	3	3	3	2	1	0	2
5	depleted Keener-Berea	58	11247	Maple-Wadestown	13	3	3	2	3	1	0	1
5	depleted Oriskany Sandstone	39	11140	Elk-Poca (Sissonville)	13	3	3	1	2	2	1	1
5	gas storage field	12		Racket-Newberne (Sinking Creek)	13	2	3	2	2	2	0	2
5	salt cavern			S-4	13	3	1	1	3	3	0	2
4	depleted Clinton/Medina Group	63	1005	CANTON CONSOLIDATED	13	3	3	3	2	0	2	0
5	depleted Clinton/Medina Group	65	1060	CANTON CONSOLIDATED	13	3	3	3	2	0	2	0
5	depleted Clinton/Medina Group	258	2342	RAVENNA-BEST CONSOLIDATED	13	3	3	3	3	0	1	0
6	depleted Keener-Berea	47	11018	Burdett-St. Albans	12	3	3	2	3	0	1	0
6	depleted Keener-Berea	60	11249	Condit-Ragtown	12	2	3	2	3	1	0	1
7	depleted Rose Run-Gatesburg Ss	8	11	DUMM RIDGE	11	0	2	3	3	1	2	0
7	depleted Rose Run-Gatesburg Ss	15	116	FRAZEYBURG	11	3	3	1	3	1	0	0
8	depleted Rose Run-Gatesburg Ss	1	2	KIRKERSVILLE	10	1	1	3	3	1	1	0
8	depleted Rose Run-Gatesburg Ss	4	6	DUMM RIDGE	10	0	2	3	3	1	1	0
8	depleted Rose Run-Gatesburg Ss	7	10	DUMM RIDGE	10	0	2	3	3	1	1	0
8	depleted Rose Run-Gatesburg Ss	28	161	ROCKBRIDGE	10	0	2	3	3	1	1	0
8	depleted Rose Run-Gatesburg Ss	57	219	RANDOLPH	10	2	3	1	3	1	0	0

Depleted Gas Reservoirs

Mined-Rock Caverns	Rating_Norm	Salt Caverns	Rating_Norm	FID	Gas Storage Fields	Rating_Norm	FID	Test_ID	Keener-Berea	Rating_Norm
1	14	1	15	26	Coco "A"	11	66	11256	Big Run-Burchfield	11
2	15	2	15	28	Coco "C"	10	47	11018	Burdett-St. Albans	12
3	14	3	13	5	Fink-Kennedy-Lost Creek (Murphy Creek)	13	150	11553	Cameron-Garner	10
4	16	4	13	7	Logansport	11	60	11249	Condit-Ragtown	12
5	19			32	McKeesport	13	99	11361	Hendershot-Ogdin	8
				56	Mehaffy	12	58	11247	Maple-Wadestown	13
				12	Racket-Newberne (Sinking Creek)	13	202	11733	Sidney	13
				14	Ripley	14	156	11561	Stanley	12
				13	Rockport	10	201	11732	Whites Creek-Gragston	13
				1	Rockport (Deep)	12	154	11559	Wilbur	11
				8	Victory "A" (Kausooth-Cameron)	12				
				9	Victory "B" (Kausooth-Cameron)	13				

FID	Test_ID	Upper Devonian sandstones	Rating_Norm	FID	Test_ID	Oriskany Sandstone	Rating_Norm	FID	Test_ID	Newburg Sandstone	Rating_Norm
643	11223	Abbott-French Creek	14	4	827	ROCK CAMP	14	1	11735	Groundhog Creek	13
1165	15592	Antram Run	9	7	961	PUTNAM	13	3	11737	North Ripley	16
412	10841	Aspinall-Finster	12	10	964	LAUREL RUN	12	4	11738	Wheaton Run	11
447	10921	Aspinall-Finster	12	26	11118	Glenville North	13	7	11741	Rocky Fork	16
556	11107	Auburn	12	27	11119	Dekalb	10	8	11742	Cooper Creek	14
632	11211	Auburn	11	33	11134	Kanawha Forest	15	9	11743	Kanawha Forest	16
547	11098	Beason Run	12	34	11135	Campbell Creek	15				
371	10740	Bridgeport-Pruntytown	10	36	11137	Blue Ck (Falling Rk)	11				
364	10732	Brown-Lumberport	11	37	11138	Red House	13				
399	10804	Buckhannon-Century	10	39	11140	Elk-Poca (Sissonville)	13				
477	10981	Campbells Run-Miracle Run	10	41	11143	New England	15				
481	10985	Coburn-Earnshaw	11	48	11150	Hurricane Creek	14				
597	11171	Condit-Ragtown	11								
400	10805	Conings	13								
429	10881	Elk Creek (Overfield)	13								
626	11205	Elk Creek (Overfield)	13								
601	11175	Farmington	11								
476	10980	Frvw-Statler Rn-Mt Morrs	11								
425	10876	Glade Run	12								
407	10836	Glenville North	13								
649	11233	Glenville South	13								
417	10848	Grantsville-Arnoldsburg	11								
539	11088	Greenwood	13								
560	11112	Hazel Green-Lawford-Berea	12								
381	10753	Heaters	13								
521	11067	Heaters	13								
598	11172	Hundred	11								
423	10873	Jarvisville	11								
1166	15594	Jefferson	11								
483	10987	Llewellyn Run-Plum Run	11								
462	10940	Logansport	11								
402	10808	Lorentz	13								
516	11061	Lorentz	13								
638	11218	Lorentz	12								
551	11102	Mahone (Smithville)	12								
459	10936	Mannington	10								
596	11170	Maple-Wadestown	12								
1156	15547	Masontown	9								
469	10949	Mcgraw	10								
847	13828	McKeesport	11								
619	11197	Meathouse Fork-Bristol	11								
595	11169	Mooresville	11								
443	10896	Murphy Creek	13								
559	11111	Murphy Creek	14								
555	11106	New Milton South	13								
550	11101	Porto Rico	13								
624	11203	Porto Rico	12								
557	11108	Prunty	12								
1074	14887	Rural Ridge	9								
372	10741	Salem	12								
465	10943	Shiloh-Wick Area	12								
605	11180	Shinnston	10								
461	10939	Smithfield	11								
424	10874	Smithton-Flint-Sedalia	13								
363	10731	South Burns Chapel	8								
612	11188	Stanley	14								
543	11094	Straight Fk-Bluestone Ck	13								
620	11199	Straight Fk-Bluestone Ck	12								
379	10750	Stumptwn-Normantwn-Shock	11								
648	11231	Stumptwn-Normantwn-Shock	10								
403	10809	Thursday	11								
464	10942	Wallace-Folsom	12								
436	10888	Weston-Jane Lew	12								
553	11104	Weston-Jane Lew	14								
1145	15401	White Ash	11								
616	11193	Wolf Summit	11								

FID	Test_ID	Clinton/Medina Group	Rating_Norm	FID	Test_ID	Rose Run - Gatesburg sandstones	Rating_Norm
36	649	PHILO CONSOLIDATED	12	1	2	KIRKERSVILLE	10
63	1005	CANTON CONSOLIDATED	13	3	5	DUMM RIDGE	9
65	1060	CANTON CONSOLIDATED	13	4	6	DUMM RIDGE	10
110	1543	NORTH ELLSWORTH CONSOLIDATED	11	5	7	ROCKBRIDGE	8
124	1981	CANTON CONSOLIDATED	14	6	9	ROCKBRIDGE	7
141	2048	CANTON CONSOLIDATED	12	7	10	DUMM RIDGE	10
189	2216	TRIADELPHIA CONSOLIDATED	11	8	11	DUMM RIDGE	11
198	2240	TRIADELPHIA CONSOLIDATED	11	15	116	FRAZEYBURG	11
258	2342	RAVENNA-BEST CONSOLIDATED	13	28	161	ROCKBRIDGE	10
259	2343	SUFFIELD-SMITH	12	57	219	RANDOLPH	10

	FID	25	27	4	6	31	55	11	13	12	0	7	8
	Test_ID	26	28	5	7	32	56	12	14	13	1	8	9
Range of Values	**Criteria**	Coco "A"	Coco "C"	Fink-Kennedy-Lost Creek (Murphy Creek)	Logansport	McKeesport	Mehaffy	Racket-Newberne (Sinking Creek)	Ripley	Rockport	Rockport (Deep)	Victory "A" (Kausooth-Cameron)	Victory "B" (Kausooth-Cameron)
	Distance to infrastructure												
0	>30 mi	2	2	3	2	3	3	2	3	3	3	3	3
1	>20 mi but <=30 mi												
2	>5 mi but <=20 mi												
3	<=5 mi												
	Acreage	3	2	3	2	1	2	3	3	2	3	3	3
0	<=500 ac												
1	>500 ac but <=1,000 ac												
2	>1,000 ac but <=5,000 ac												
3	>5,000 ac												
	Average depth												
0	<=2,000 ft	1	1	2	2	2	2	2	3	1	1	2	2
1	>5,000 ft												
2	>2,000 ft but <=3,500 ft												
3	>3,500 ft but <=5,000 ft												
	Net thickness	2	2	2	2	2	2	2	2	3	2	2	2
0	<=1 ft												
1	>1 ft but <=10 ft												
2	>10 ft but <=20 ft												
3	>20 ft												
	Trap integrity	2	2	1	2	1	3	2	1	1	1	2	2
0	No data												
1	Limited data on trap characteristics												
2	Inferred lithologic and/or structural closure												
3	Documented lithologic and/or structural closure												
	Legacy well penetrations	0	0	0	0	3	0	0	0	0	1	0	0
0	No data or >=20 wells per 1,000 ac												
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac												
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac												
3	<2 well per ac												
	Stacked opportunity?	1	1	2	1	1	0	2	2	0	1	0	1
0	No other intervals in same footprint												
1	1 other interval in same footprint												
2	2 or 3 other intervals in same footprint												
3	4 or more intervals in same footprint												
	Totals	11	10	13	11	13	12	13	14	10	12	12	13

	Geologic Interval – Salina F4 Salt	1	2	3	4
Range of Values	**Criteria**				
	Distance to infrastructure	3	3	3	3
0	>30 mi				
1	>20 mi but <=30 mi				
2	>5 mi but <=20 mi				
3	<=5 mi				
	Average depth	2	2	1	1
0	<=2,000 ft				
1	>5,000 ft but <=7,000 ft				
2	>3,000 ft but <=5,000 ft				
3	>2,000 ft but <=3,000 ft				
	Acreage	2	3	2	1
0	<25,000 ac				
1	>=25,000 ac but <50,000 ac				
2	>=50,000 ac but <100,000 ac				
3	>=100,000 ac				
	Average net thickness	3	3	3	3
0	<=10 ft				
1	>10 ft but <=50 ft				
2	>50 ft but <=100 ft				
3	>100 ft				
	Trap integrity	3	3	3	3
0	No data				
1	Limited data on trap characteristics				
2	Inferred lithologic and/or structural closure				
3	Documented lithologic and/or structural closure				
	Legacy well penetrations	1	1	1	0
0	No data or >=20 wells per 1,000 ac				
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac				
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac				
3	<2 well per ac				
	Stacked opportunity?	1	0	0	2
0	No other intervals in same footprint				
1	1 other interval in same footprint				
2	2 or 3 other intervals in same footprint				
3	4 or more intervals in same footprint				
	Totals	15	15	13	13

Range of Values	Geologic Interval - Greenbrier Limestone	1	2	3	4	5
	Distance to infrastructure	1	3	2	3	3
0	>30 mi					
1	>20 mi but <=30 mi					
2	>5 mi but <=20 mi					
3	<=5 mi					
	Average depth	3	3	3	3	3
0	<1,800 ft					
3	>=1,800 ft but <=2,000 ft					
	Acreage	3	3	3	3	3
0	<25,000 ac					
1	>=25,000 ac but <75,000 ac					
2	>=75,000 ac but <125,000 ac					
3	>=125,000 ac					
	Average net thickness	3	3	3	3	3
0	<40 ft					
3	>=40 ft					
	Trap integrity	2	0	1	1	3
0	No data					
1	Limited data on trap characteristics					
2	Inferred lithologic and/or structural closure					
3	Documented lithologic and/or structural closure					
	Legacy well penetrations	1	0	0	1	2
0	No data or >=20 wells per 1,000 ac					
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac					
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac					
3	<2 well per ac					
	Stacked opportunity?	1	3	2	2	2
0	No other intervals in same footprint					
1	1 other interval in same footprint					
2	2 or 3 other intervals in same footprint					
3	4 or more intervals in same footprint					
	Totals	14	15	14	16	19

	Geologic Interval –	Geologic Interval – Keener_Berea										Geologic Interval – Upper Devonian			
		Field													
	FID	66	47	150	60	99	58	202	156	201	154	643	1165	412	447
	Test_ID	11256	11018	11553	11249	11361	11247	11733	11561	11732	11559	11223	15592	10841	10921
Range of Values	Criteria	Big Run-Burchfield	Burdett-St. Albans	Cameron-Garner	Condit-Ragtown	Hendershot-Ogdin	Maple-Wadestown	Sidney	Stanley	Whites Creek-Gragston	Wilbur	Abbott-French Creek	Antram Run	Aspinall-Finster	Aspinall-Finster
	Distance to infrastructure	3	3	3	2	3	3	3	2	3	2	2	2	3	3
0	>30 mi														
1	>20 mi but <=30 mi														
2	>5 mi but <=20 mi														
3	<=5 mi														
	Acreage	3	3	2	3	2	3	3	3	3	3	3	3	3	3
0	<=500 ac														
1	>500 ac but <=1,000 ac														
2	>1,000 ac but <=5,000 ac														
3	>5,000 ac														
	Average depth	2	2	2	2	2	2	3	2	3	2	2	2	3	3
0	<=2,000 ft														
1	>5,000 ft														
2	>2,000 ft but <=3,500 ft														
3	>3,500 ft but <=5,000 ft														
	Net thickness	2	3	3	3	1	3	3	3	3	3	3	2	3	3
0	<=1 ft														
1	>1 ft but <=10 ft														
2	>10 ft but <=20 ft														
3	>20 ft														
	Trap integrity	1	0	0	1	0	1	0	0	0	0	1	0	0	0
0	No data														
1	Limited data on trap characteristics														
2	Inferred lithologic and/or structural closure														
3	Documented lithologic and/or structural closure														
	Legacy well penetrations	0	1	0	0	0	0	1	0	1	0	3	0	0	0
0	No data or >=20 wells per 1,000 ac														
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac														
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac														
3	<2 well per 1000 ac														
	Stacked opportunity?	0	0	0	1	0	1	0	2	0	1	0	0	0	0
0	No other intervals in same footprint														
1	1 other interval in same footprint														
2	2 or 3 other intervals in same footprint														
3	4 or more intervals in same footprint														
	Totals	11	12	10	12	8	13	13	12	13	11	14	9	12	12

	Geologic Interval –													
	FID	556	632	547	371	364	399	477	481	597	400	429	626	601
	Test_ID	11107	11211	11098	10740	10732	10804	10981	10985	11171	10805	10881	11205	11175
Range of Values	**Criteria**	Auburn	Auburn	Beason Run	Bridgeport-Pruntytown	Brown-Lumberport	Buckhannon-Century	Campbells Run-Miracle Run	Coburn-Earnshaw	Condit-Ragtown	Conings	Elk Creek (Overfield)	Elk Creek (Overfield)	Farmington
	Distance to infrastructure													
0	>30 mi	2	2	2	1	2	1	2	3	2	2	2	2	2
1	>20 mi but <=30 mi													
2	>5 mi but <=20 mi													
3	<=5 mi													
	Acreage	3	3	3	3	3	3	3	3	3	3	3	3	3
0	<=500 ac													
1	>500 ac but <=1,000 ac													
2	>1,000 ac but <=5,000 ac													
3	>5,000 ac													
	Average depth	3	2	3	3	2	3	2	2	2	3	3	2	2
0	<=2,000 ft													
1	>5,000 ft													
2	>2,000 ft but <=3,500 ft													
3	>3,500 ft but <=5,000 ft													
	Net thickness	3	3	3	3	3	3	3	3	3	3	3	3	3
0	<=1 ft													
1	>1 ft but <=10 ft													
2	>10 ft but <=20 ft													
3	>20 ft													
	Trap integrity	0	0	0	0	0	0	0	0	0	0	1	1	0
0	No data													
1	Limited data on trap characteristics													
2	Inferred lithologic and/or structural closure													
3	Documented lithologic and/or structural closure													
	Legacy well penetrations	0	0	0	0	0	0	0	0	0	0	1	2	0
0	No data or >=20 wells per 1,000 ac													
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac													
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac													
3	<2 well per 1000 ac													
	Stacked opportunity?	1	1	1	0	1	0	0	0	1	2	0	0	1
0	No other intervals in same footprint													
1	1 other interval in same footprint													
2	2 or 3 other intervals in same footprint													
3	4 or more intervals in same footprint													
	Totals	12	11	12	10	11	10	10	11	11	13	13	13	11

	Geologic Interval –													
	FID	476	425	407	649	417	539	560	381	521	598	423	1166	483
	Test_ID	10980	10876	10836	11233	10848	11088	11112	10753	11067	11172	10873	15594	10987
Range of Values	**Criteria**	Frvw-Statler Rn-Mt Morrs	Glade Run	Glenville North	Glenville South	Grantsville-Arnoldsburg	Greenwood	Hazel Green-Lawford-Berea	Heaters	Heaters	Hundred	Jarvisville	Jefferson	Llewellyn Run-Plum Run
	Distance to infrastructure													
0	>30 mi	2	1	2	2	1	3	2	1	2	3	2	3	2
1	>20 mi but <=30 mi													
2	>5 mi but <=20 mi													
3	<=5 mi													
	Acreage	3	3	3	3	3	3	3	3	3	3	3	3	3
0	<=500 ac													
1	>500 ac but <=1,000 ac													
2	>1,000 ac but <=5,000 ac													
3	>5,000 ac													
	Average depth	2	3	3	2	3	3	3	3	2	2	2	2	2
0	<=2,000 ft													
1	>5,000 ft													
2	>2,000 ft but <=3,500 ft													
3	>3,500 ft but <=5,000 ft													
	Net thickness	3	3	3	3	3	3	3	3	3	3	3	2	3
0	<=1 ft													
1	>1 ft but <=10 ft													
2	>10 ft but <=20 ft													
3	>20 ft													
	Trap integrity	0	2	0	0	0	0	0	0	0	0	0	0	0
0	No data													
1	Limited data on trap characteristics													
2	Inferred lithologic and/or structural closure													
3	Documented lithologic and/or structural closure													
	Legacy well penetrations	0	0	0	2	0	0	0	3	3	0	0	1	0
0	No data or >=20 wells per 1,000 ac													
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac													
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac													
3	<2 well per 1000 ac													
	Stacked opportunity?	1	0	2	1	1	1	1	0	0	0	1	0	1
0	No other intervals in same footprint													
1	1 other interval in same footprint													
2	2 or 3 other intervals in same footprint													
3	4 or more intervals in same footprint													
	Totals	11	12	13	13	11	13	12	13	13	11	11	11	11

	Geologic Interval –														
	FID	462	402	516	638	551	459	596	1156	469	847	619	595	443	559
	Test_ID	10940	10808	11061	11218	11102	10936	11170	15547	10949	13828	11197	11169	10896	11111
Range of Values	**Criteria**	Logansport	Lorentz	Lorentz	Lorentz	Mahone (Smithville)	Mannington	Maple-Wadestown	Masontown	Mcgraw	McKeesport	Meathouse Fork-Bristol	Mooresville	Murphy Creek	Murphy Creek
	Distance to infrastructure														
0	>30 mi	2	1	2	2	2	2	3	2	1	3	2	2	3	3
1	>20 mi but <=30 mi														
2	>5 mi but <=20 mi														
3	<=5 mi														
	Acreage	3	3	3	3	3	3	3	2	3	3	3	3	3	3
0	<=500 ac														
1	>500 ac but <=1,000 ac														
2	>1,000 ac but <=5,000 ac														
3	>5,000 ac														
	Average depth	2	3	3	2	3	2	2	2	3	2	2	2	2	3
0	<=2,000 ft														
1	>5,000 ft														
2	>2,000 ft but <=3,500 ft														
3	>3,500 ft but <=5,000 ft														
	Net thickness	3	3	3	3	3	3	3	3	3	2	3	3	3	3
0	<=1 ft														
1	>1 ft but <=10 ft														
2	>10 ft but <=20 ft														
3	>20 ft														
	Trap integrity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	No data														
1	Limited data on trap characteristics														
2	Inferred lithologic and/or structural closure														
3	Documented lithologic and/or structural closure														
	Legacy well penetrations	0	3	2	2	0	0	0	0	0	1	0	0	0	0
0	No data or >=20 wells per 1,000 ac														
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac														
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac														
3	<2 well per 1000 ac														
	Stacked opportunity?	1	0	0	0	1	0	1	0	0	0	1	1	2	2
0	No other intervals in same footprint														
1	1 other interval in same footprint														
2	2 or 3 other intervals in same footprint														
3	4 or more intervals in same footprint														
	Totals	11	13	13	12	12	10	12	9	10	11	11	11	13	14

	Geologic Interval –																		
	FID	555	550	624	557	1074	372	465	605	461	424	363	612	543	620	379	648	403	464
	Test_ID	11106	11101	11203	11108	14887	10741	10943	11180	10939	10874	10731	11188	11094	11199	10750	11231	10809	10942
Range of Values	**Criteria**	New Milton South	Porto Rico	Porto Rico	Prunty	Rural Ridge	Salem	Shiloh-Wick Area	Shinnston	Smithfield	Smithton-Flint-Sedalia	South Burns Chapel	Stanley	Straight Fk-Bluestone Ck	Straight Fk-Bluestone Ck	Stumptwn-Normantwn-Shock	Stumptwn-Normantwn-Shock	Thursday	Wallace-Folsom
	Distance to infrastructure																		
0	>30 mi	2	3	3	2	2	2	3	2	3	3	0	3	3	3	1	1	1	3
1	>20 mi but <=30 mi																		
2	>5 mi but <=20 mi																		
3	<=5 mi																		
	Acreage	3	3	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	3
0	<=500 ac																		
1	>500 ac but <=1,000 ac																		
2	>1,000 ac but <=5,000 ac																		
3	>5,000 ac																		
	Average depth	3	3	2	3	2	3	2	2	2	3	2	2	3	2	3	2	3	2
0	<=2,000 ft																		
1	>5,000 ft																		
2	>2,000 ft but <=3,500 ft																		
3	>3,500 ft but <=5,000 ft																		
	Net thickness	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
0	<=1 ft																		
1	>1 ft but <=10 ft																		
2	>10 ft but <=20 ft																		
3	>20 ft																		
	Trap integrity	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
0	No data																		
1	Limited data on trap characteristics																		
2	Inferred lithologic and/or structural closure																		
3	Documented lithologic and/or structural closure																		
	Legacy well penetrations	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
0	No data or >=20 wells per 1,000 ac																		
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac																		
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac																		
3	<2 well per 1000 ac																		
	Stacked opportunity?	2	1	1	1	0	1	1	0	0	1	0	2	1	1	1	1	1	1
0	No other intervals in same footprint																		
1	1 other interval in same footprint																		
2	2 or 3 other intervals in same footprint																		
3	4 or more intervals in same footprint																		
	Totals	13	13	12	12	9	12	12	10	11	13	8	14	13	12	11	10	11	12

	Geologic Interval –					Geologic Interval – Oriskany												Geologic Interval – Newburg		
	FID	436	553	1145	616	4	7	10	26	27	33	34	36	37	39	41	48	1	3	4
	Test_ID	10888	11104	15401	11193	827	961	964	11118	11119	11134	11135	11137	11138	11140	11143	11150	11735	11737	11738
Range of Values	**Criteria**	Weston-Jane Lew	Weston-Jane Lew	White Ash	Wolf Summit	ROCK CAMP	PUTNAM	LAUREL RUN	Glenville North	Dekalb	Kanawha Forest	Campbell Creek	Blue Ck (Falling Rk)	Red House	Elk-Poca (Sissonville)	New England	Hurricane Creek	Groundhog Creek	North Ripley	Wheaton Run
	Distance to infrastructure																			
0	>30 mi	3	3	3	2	3	3	2	2	1	3	3	2	3	3	3	3	3	3	3
1	>20 mi but <=30 mi																			
2	>5 mi but <=20 mi																			
3	<=5 mi																			
	Acreage	3	3	2	3	2	3	2	3	3	3	3	3	3	3	3	3	2	3	2
0	<=500 ac																			
1	>500 ac but <=1,000 ac																			
2	>1,000 ac but <=5,000 ac																			
3	>5,000 ac																			
	Average depth	2	3	2	2	3	3	3	1	1	3	3	1	3	1	3	3	3	1	1
0	<=2,000 ft																			
1	>5,000 ft																			
2	>2,000 ft but <=3,500 ft																			
3	>3,500 ft but <=5,000 ft																			
	Net thickness	3	3	3	3	3	2	3	3	3	2	2	3	1	2	2	2	1	3	1
0	<=1 ft																			
1	>1 ft but <=10 ft																			
2	>10 ft but <=20 ft																			
3	>20 ft																			
	Trap integrity	0	0	0	0	2	1	1	2	2	2	2	1	1	2	2	1	3	3	3
0	No data																			
1	Limited data on trap characteristics																			
2	Inferred lithologic and/or structural closure																			
3	Documented lithologic and/or structural closure																			
	Legacy well penetrations	0	1	1	0	0	1	0	0	0	1	1	0	1	1	1	1	1	1	0
0	No data or >=20 wells per 1,000 ac																			
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac																			
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac																			
3	<2 well per 1000 ac																			
	Stacked opportunity?	1	1	0	1	1	0	1	2		1	1	1	1	1	1	1	0	2	1
0	No other intervals in same footprint																			
1	1 other interval in same footprint																			
2	2 or 3 other intervals in same footprint																			
3	4 or more intervals in same footprint																			
	Totals	12	14	11	11	14	13	12	13	10	15	15	11	13	13	15	14	13	16	11

	Geologic Interval –				Geologic Interval – Clinton-Medina									
	FID	7	8	9	36	63	65	110	124	141	189	198	258	259
	Test_ID	11741	11742	11743	649	1005	1060	1543	1981	2048	2216	2240	2342	2343
Range of Values	**Criteria**	Rocky Fork	Cooper Creek	Kanawha Forest	PHILO CONSOLIDATED	CANTON CONSOLIDATED	CANTON CONSOLIDATED	NORTH ELLSWORTH CONSOLIDATED	CANTON CONSOLIDATED	CANTON CONSOLIDATED	TRIADELPHIA CONSOLIDATED	TRIADELPHIA CONSOLIDATED	RAVENNA-BEST CONSOLIDATED	SUFFIELD-SMITH
	Distance to infrastructure													
0	>30 mi	3	2	3	3	3	3	3	3	3	2	2	3	3
1	>20 mi but <=30 mi													
2	>5 mi but <=20 mi													
3	<=5 mi													
	Acreage	3	3	3	3	3	3	3	3	3	3	3	3	3
0	<=500 ac													
1	>500 ac but <=1,000 ac													
2	>1,000 ac but <=5,000 ac													
3	>5,000 ac													
	Average depth	1	1	1	3	3	3	1	3	3	3	3	3	3
0	<=2,000 ft													
1	>5,000 ft													
2	>2,000 ft but <=3,500 ft													
3	>3,500 ft but <=5,000 ft													
	Net thickness	3	3	3	2	2	2	3	2	2	3	3	3	3
0	<=1 ft													
1	>1 ft but <=10 ft													
2	>10 ft but <=20 ft													
3	>20 ft													
	Trap integrity	3	3	3	0	0	0	0	0	0	0	0	0	0
0	No data													
1	Limited data on trap characteristics													
2	Inferred lithologic and/or structural closure													
3	Documented lithologic and/or structural closure													
	Legacy well penetrations	1	1	1	1	2	2	1	3	1	0	0	1	0
0	No data or >=20 wells per 1,000 ac													
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac													
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac													
3	<2 well per 1000 ac													
	Stacked opportunity?	2	1	2	0	0	0	0	0	0	0	0	0	0
0	No other intervals in same footprint													
1	1 other interval in same footprint													
2	2 or 3 other intervals in same footprint													
3	4 or more intervals in same footprint													
	Totals	16	14	16	12	13	13	11	14	12	11	11	13	12

	Geologic Interval –	Geologic Interval – Rose Run									
	FID	1	3	4	5	6	7	8	15	28	57
	Test_ID	2	5	6	7	9	10	11	116	161	219
Range of Values	**Criteria**	KIRKERSVILLE	DUMM RIDGE	DUMM RIDGE	ROCKBRIDGE	ROCKBRIDGE	DUMM RIDGE	DUMM RIDGE	FRAZEYBURG	ROCKBRIDGE	RANDOLPH
	Distance to infrastructure										
0	>30 mi	1	0	0	0	0	0	0	3	0	2
1	>20 mi but <=30 mi										
2	>5 mi but <=20 mi										
3	<=5 mi										
	Acreage	1	1	2	2	1	2	2	3	2	3
0	<=500 ac										
1	>500 ac but <=1,000 ac										
2	>1,000 ac but <=5,000 ac										
3	>5,000 ac										
	Average depth	3	3	3	3	3	3	3	1	3	1
0	<=2,000 ft										
1	>5,000 ft										
2	>2,000 ft but <=3,500 ft										
3	>3,500 ft but <=5,000 ft										
	Net thickness	3	3	3	3	3	3	3	3	3	3
0	<=1 ft										
1	>1 ft but <=10 ft										
2	>10 ft but <=20 ft										
3	>20 ft										
	Trap integrity	1	1	1	0	0	1	1	1	1	1
0	No data										
1	Limited data on trap characteristics										
2	Inferred lithologic and/or structural closure										
3	Documented lithologic and/or structural closure										
	Legacy well penetrations	1	1	1	0	0	1	2	0	1	0
0	No data or >=20 wells per 1,000 ac										
1	>=5 wells per 1,000 ac but <20 wells per 1,000 ac										
2	>=2 wells per 1,000 ac but<5 wells per 1,000 ac										
3	<2 well per 1000 ac										
	Stacked opportunity?	0	0	0	0	0	0	0	0	0	0
0	No other intervals in same footprint										
1	1 other interval in same footprint										
2	2 or 3 other intervals in same footprint										
3	4 or more intervals in same footprint										
	Totals	10	9	10	8	7	10	11	11	10	10