

## **Appendix 9-A. Resource Assessment Input Parameters**

## Oil Assessment Unit

	Distribution	Minimum	Mode	Median	Maximum
Productive area of accumulation (acres)	Triangular	7,366,767	8,185,297		9,003,826
Uncertainty about mean drainage area of wells (acres)	Triangular	70	100		120
Percentage of total AU area that is untested (%)	Triangular	99.4%	99.5%		99.5%
Percentage of untested AU area in sweet spots (%)	Triangular	4.0%	10.9%		17.7%
<b>Sweet Spots</b>					
Future Success Ratio (%)	Triangular	90.00%	95.00%		99.00%
Uncertainty about mean EUR (mmbo or bcfg)	Lognormal	0.022		0.199	0.628
<b>Non-Sweet Spots</b>					
Future Success Ratio (%)	Triangular	1.00%	3.00%		5.00%
Uncertainty about mean EUR (mmbo or bcfg)	Lognormal	0.002		0.022	0.049
<b>Coproduct Ratios</b>					
Gas/oil ratio (cfg/bo)	Triangular	900	3,600		8,000

## Wet Gas Assessment Unit

	Distribution	Minimum	Mode	Median	Maximum
Productive area of accumulation (acres)	Triangular	1,341,078	1,341,078		1,341,078
Uncertainty about mean drainage area of wells (acres)	Triangular	70	100		120
Percentage of total AU area that is untested (%)	Triangular	93.0%	93.0%		93.0%
Percentage of untested AU area in sweet spots (%)	Triangular	42.9%	71.4%		100.0%
<b>Sweet Spots</b>					
Future Success Ratio (%)	Triangular	90.00%	95.00%		99.00%
Uncertainty about mean EUR (mmbo or bcfg)	Lognormal	0.640		5.760	18.840
<b>Non-Sweet Spots</b>					
Future Success Ratio (%)	Triangular	5.00%	10.00%		40.00%
Uncertainty about mean EUR (mmbo or bcfg)	Lognormal	0.200		0.640	1.190

## Gas Assessment Unit

	Distribution	Minimum	Mode	Median	Maximum
Productive area of accumulation (acres)	Triangular	25,571,395	28,412,661		31,253,927
Uncertainty about mean drainage area of wells (acres)	Triangular	70	100		120
Percentage of total AU area that is untested (%)	Triangular	99.9%	99.9%		99.9%
Percentage of untested AU area in sweet spots (%)	Triangular	15.3%	30.7%		46.1%
<b>Sweet Spots</b>					
Future Success Ratio (%)	Triangular	90.00%	95.00%		99.00%
Uncertainty about mean EUR (mmbo or bcfg)	Lognormal	0.190		7.090	30.370
<b>Non-Sweet Spots</b>					
Future Success Ratio (%)	Triangular	5.00%	10.00%		40.00%
Uncertainty about mean EUR (mmbo or bcfg)	Lognormal	0.039		0.190	0.320

For additional information:

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