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Neogene Flysch Gas, Assessment Unit 40600101
Assessment Results Summary

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

Field Type	MFS	Prob. (0-1)	Undiscovered Resources												Largest Undiscovered Field (MMBO or BCFG)			
			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)							
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
Oil Fields	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA
Gas Fields	6						6,408	15,276	29,043	16,267	11	30	72	34	491	1,051	1,837	1,097
Total		1.00	0	0	0	0	6,408	15,276	29,043	16,267	11	30	72	34				

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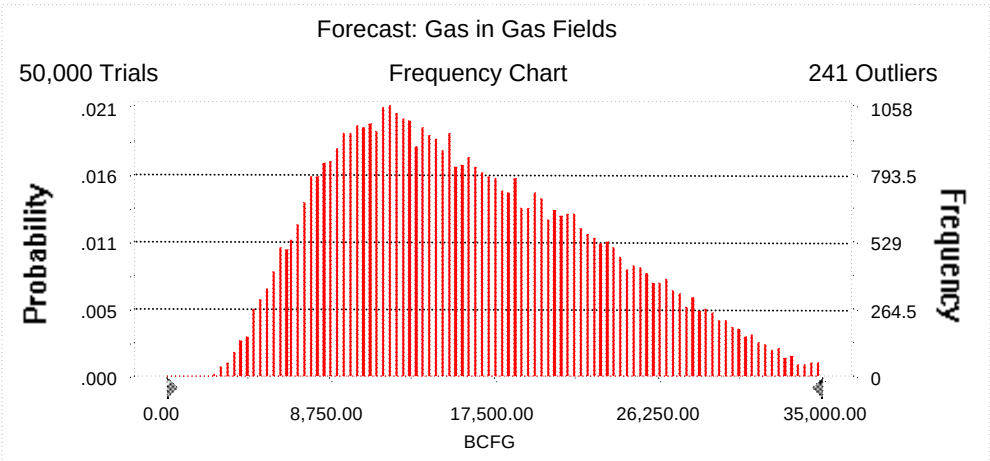
Neogene Flysch Gas
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 35,000.00 BCFG
Entire range is from 2,148.39 to 41,894.47 BCFG
After 50,000 trials, the standard error of the mean is 31.19

Statistics:	Value
Trials	50000
Mean	16,266.60
Median	15,276.44
Mode	---
Standard Deviation	6,975.40
Variance	48,656,209.88
Skewness	0.49
Kurtosis	2.59
Coefficient of Variability	0.43
Range Minimum	2,148.39
Range Maximum	41,894.47
Range Width	39,746.08
Mean Standard Error	31.19



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Neogene Flysch Gas
Monte Carlo Results

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	2,148.39
95%	6,407.67
90%	7,851.48
85%	8,926.47
80%	9,901.46
75%	10,798.76
70%	11,674.00
65%	12,508.22
60%	13,389.56
55%	14,316.26
50%	15,276.44
45%	16,295.85
40%	17,380.36
35%	18,544.54
30%	19,799.46
25%	21,111.98
20%	22,532.33
15%	24,200.48
10%	26,283.68
5%	29,043.48
0%	41,894.47

End of Forecast

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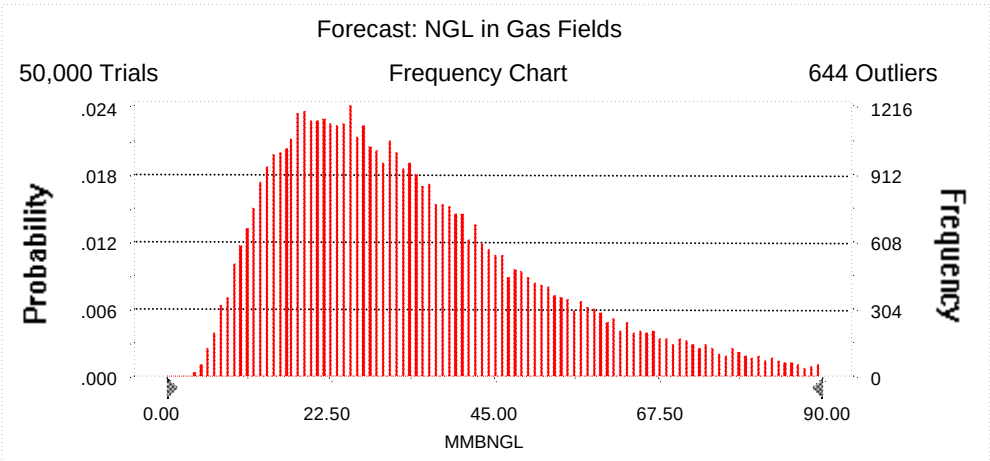
Neogene Flysch Gas
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 90.00 MMBNGL
Entire range is from 3.31 to 144.63 MMBNGL
After 50,000 trials, the standard error of the mean is 0.08

Statistics:	Value
Trials	50000
Mean	34.35
Median	30.40
Mode	---
Standard Deviation	18.94
Variance	358.55
Skewness	1.14
Kurtosis	4.44
Coefficient of Variability	0.55
Range Minimum	3.31
Range Maximum	144.63
Range Width	141.33
Mean Standard Error	0.08



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Neogene Flysch Gas
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Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	3.31
95%	11.25
90%	13.98
85%	16.26
80%	18.34
75%	20.26
70%	22.21
65%	24.18
60%	26.10
55%	28.16
50%	30.40
45%	32.62
40%	34.99
35%	37.69
30%	40.63
25%	44.07
20%	48.36
15%	53.58
10%	60.59
5%	71.82
0%	144.63

End of Forecast

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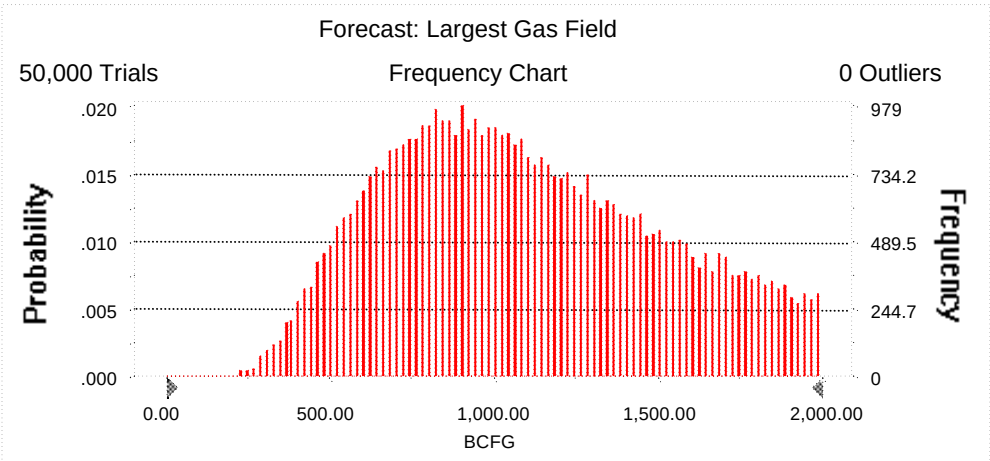
Neogene Flysch Gas
Monte Carlo Results

Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 2,000.00 BCFG
Entire range is from 158.70 to 1,999.98 BCFG
After 50,000 trials, the standard error of the mean is 1.83

Statistics:	Value
Trials	50000
Mean	1,096.64
Median	1,051.39
Mode	---
Standard Deviation	409.66
Variance	167,818.86
Skewness	0.29
Kurtosis	2.23
Coefficient of Variability	0.37
Range Minimum	158.70
Range Maximum	1,999.98
Range Width	1,841.28
Mean Standard Error	1.83



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Neogene Flysch Gas
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Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	158.70
95%	491.38
90%	583.42
85%	655.22
80%	718.06
75%	776.62
70%	831.01
65%	885.19
60%	939.54
55%	994.93
50%	1,051.39
45%	1,109.46
40%	1,173.13
35%	1,242.87
30%	1,315.85
25%	1,396.29
20%	1,485.89
15%	1,585.83
10%	1,702.22
5%	1,836.53
0%	1,999.98

End of Forecast

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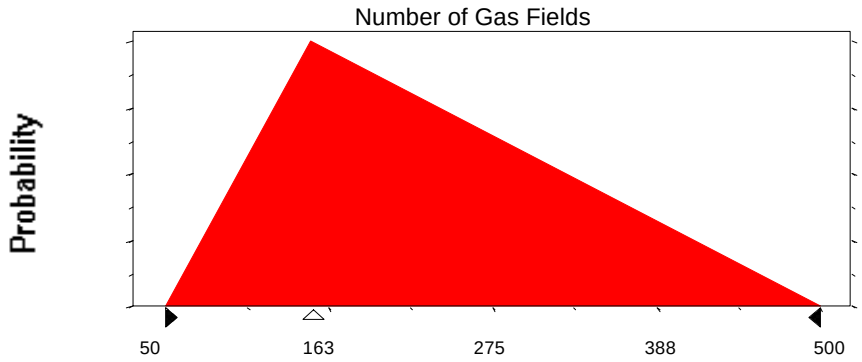
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	50
Likeliest	152
Maximum	500

Selected range is from 50 to 500
Mean value in simulation was 234



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	66.76	72.76
Standard Deviation	173.26	173.26
Selected range is from	0.00 to 1,994.00	6.00 to 2,000.00
Mean value in simulation was	63.70	69.7

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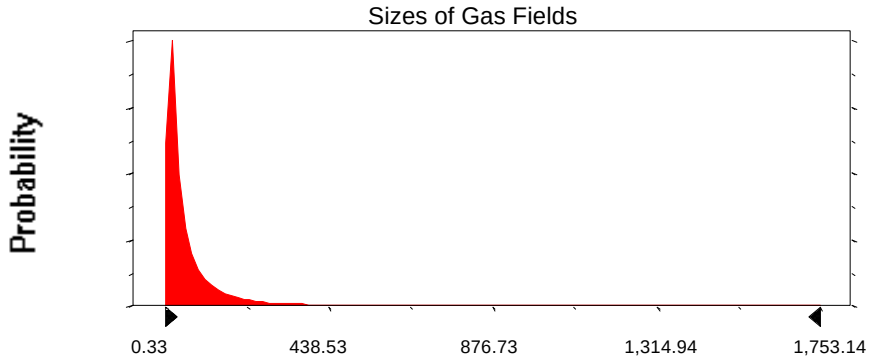
Assumption: Sizes of Gas Fields (cont'd)

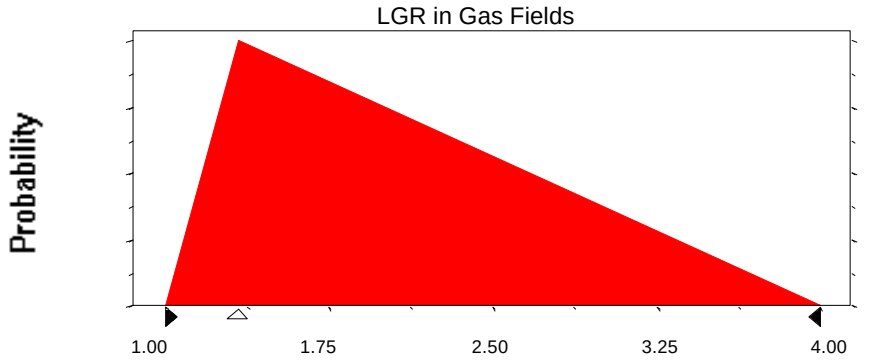


Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	1.00
Likeliest	1.33
Maximum	4.00

Selected range is from 1.00 to 4.00
Mean value in simulation was 2.11



End of Assumptions

Simulation started on 8/9/99 at 13:18:36
Simulation stopped on 8/9/99 at 15:08:11