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Central Luconia, Assessment Unit 37020101
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	5	1.00	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA
Gas Fields	30						5,273	14,155	27,624	15,067	84	235	500	256	703	1,700	3,980	1,923
Total		1.00	0	0	0	0	5,273	14,155	27,624	15,067	84	235	500	256				

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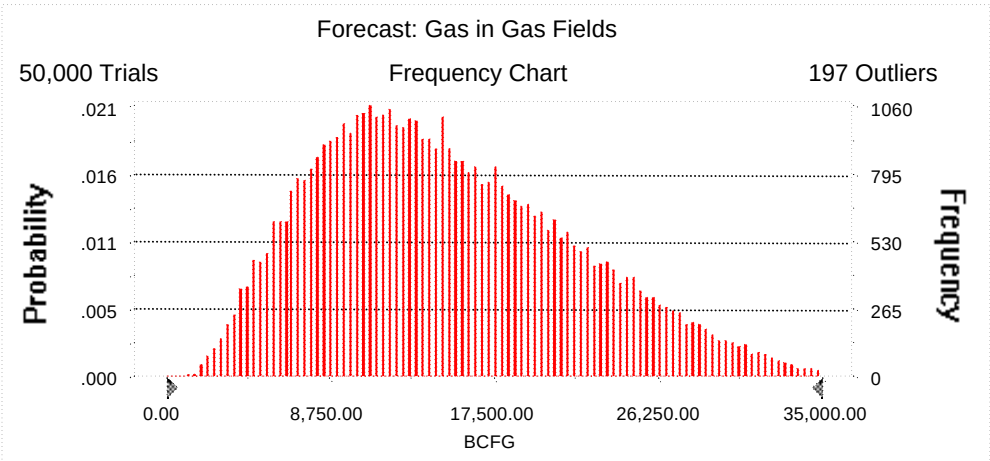
Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 35,000.00 BCFG
Entire range is from 954.61 to 47,176.83 BCFG
After 50,000 trials, the standard error of the mean is 30.75

Statistics:	Value
Trials	50000
Mean	15,066.89
Median	14,154.98
Mode	---
Standard Deviation	6,875.53
Variance	47,272,972.93
Skewness	0.54
Kurtosis	2.82
Coefficient of Variability	0.46
Range Minimum	954.61
Range Maximum	47,176.83
Range Width	46,222.22
Mean Standard Error	30.75



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Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	954.61
95%	5,272.77
90%	6,752.76
85%	7,890.40
80%	8,886.38
75%	9,804.49
70%	10,679.65
65%	11,521.94
60%	12,370.06
55%	13,253.76
50%	14,154.98
45%	15,091.50
40%	16,104.67
35%	17,206.07
30%	18,344.23
25%	19,615.26
20%	21,049.60
15%	22,705.71
10%	24,792.12
5%	27,624.33
0%	47,176.83

End of Forecast

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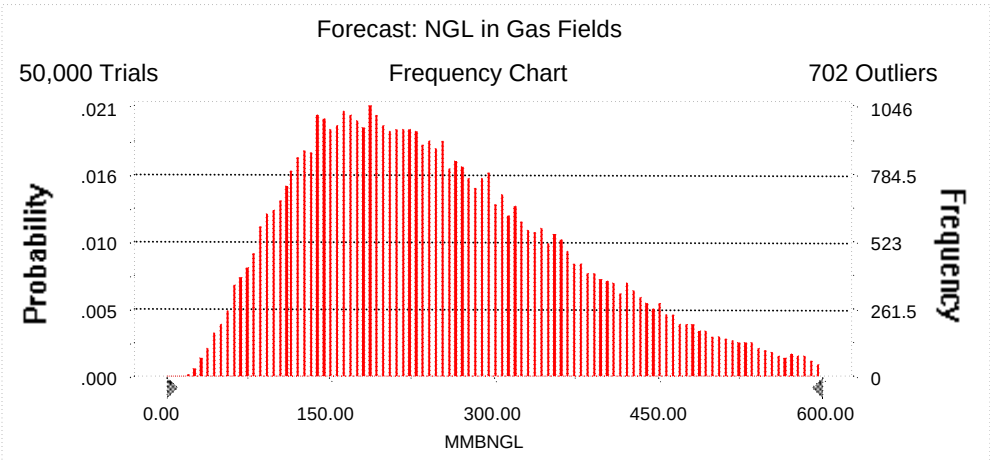
Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 600.00 MMBNGL
Entire range is from 9.99 to 912.98 MMBNGL
After 50,000 trials, the standard error of the mean is 0.58

Statistics:	Value
Trials	50000
Mean	255.80
Median	234.64
Mode	---
Standard Deviation	128.77
Variance	16,581.71
Skewness	0.82
Kurtosis	3.56
Coefficient of Variability	0.50
Range Minimum	9.99
Range Maximum	912.98
Range Width	902.99
Mean Standard Error	0.58



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Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	9.99
95%	84.07
90%	107.69
85%	126.55
80%	142.90
75%	158.32
70%	173.23
65%	188.24
60%	203.30
55%	219.03
50%	234.64
45%	251.45
40%	268.95
35%	288.44
30%	308.54
25%	332.84
20%	359.63
15%	392.28
10%	434.31
5%	499.71
0%	912.98

End of Forecast

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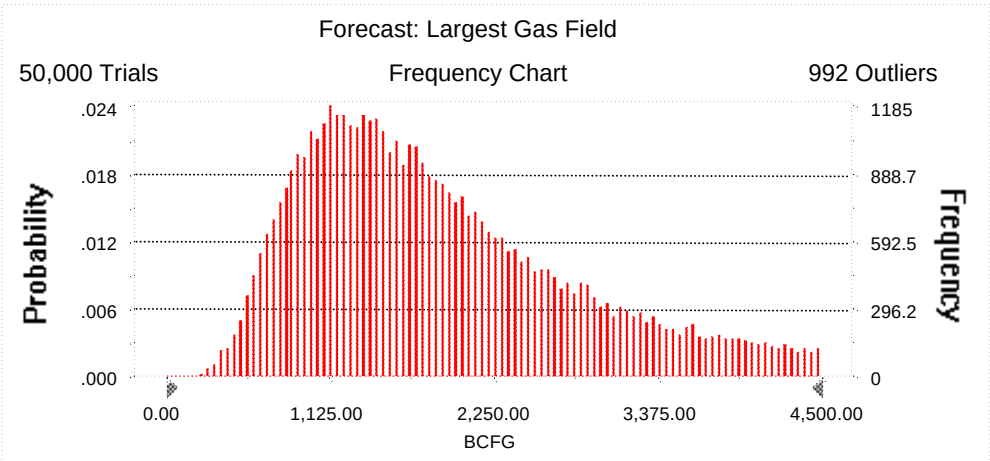
Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 4,500.00 BCFG
Entire range is from 160.57 to 4,999.46 BCFG
After 50,000 trials, the standard error of the mean is 4.42

Statistics:	Value
Trials	50000
Mean	1,922.89
Median	1,699.90
Mode	---
Standard Deviation	987.79
Variance	975,723.76
Skewness	0.93
Kurtosis	3.34
Coefficient of Variability	0.51
Range Minimum	160.57
Range Maximum	4,999.46
Range Width	4,838.89
Mean Standard Error	4.42



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Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	160.57
95%	703.05
90%	852.88
85%	972.37
80%	1,079.92
75%	1,178.01
70%	1,276.46
65%	1,377.56
60%	1,477.52
55%	1,585.77
50%	1,699.90
45%	1,816.32
40%	1,948.20
35%	2,094.22
30%	2,260.59
25%	2,458.56
20%	2,694.49
15%	2,986.02
10%	3,392.91
5%	3,980.21
0%	4,999.46

End of Forecast

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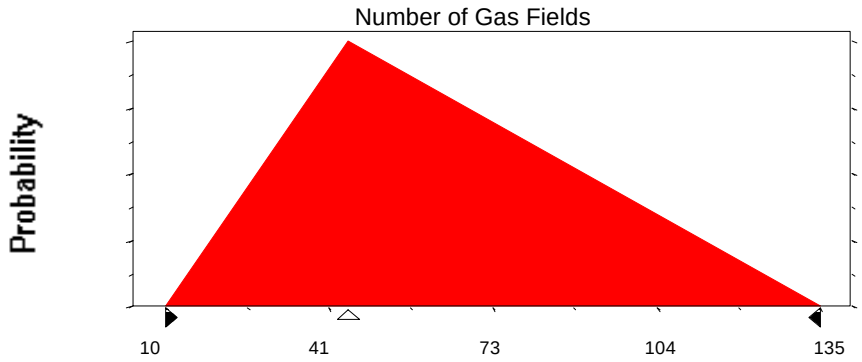
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	10
Likeliest	45
Maximum	135

Selected range is from 10 to 135
Mean value in simulation was 63



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	215.71	245.71
Standard Deviation	439.75	439.75
Selected range is from	0.00 to 4,970.00	30.00 to 5,000.00
Mean value in simulation was	206.53	236.53

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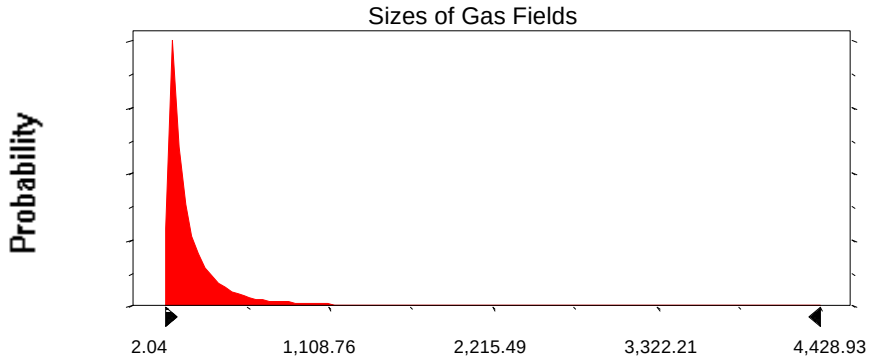
Assumption: Sizes of Gas Fields (cont'd)

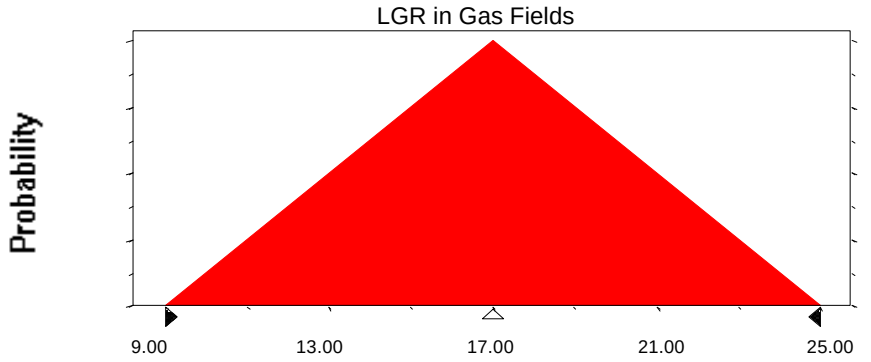


Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	9.00
Likeliest	17.00
Maximum	25.00

Selected range is from 9.00 to 25.00
Mean value in simulation was 16.98



End of Assumptions

Simulation started on 8/20/99 at 16:03:26
Simulation stopped on 8/20/99 at 16:38:15