

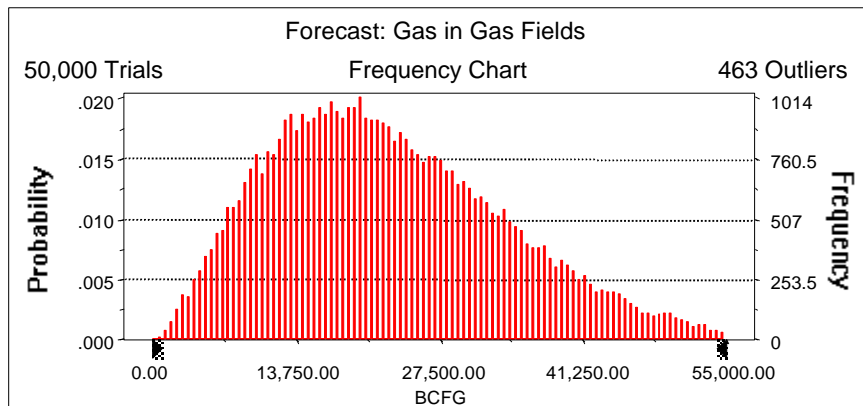
20190301
Khuff Carbonates in Salt Structures
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 55,000.00 BCFG
Entire range is from 547.46 to 85,017.42 BCFG
After 50,000 trials, the standard error of the mean is 51.47

Statistics:	Value
Trials	50000
Mean	22,999.21
Median	21,507.87
Mode	---
Standard Deviation	11,508.60
Variance	132,447,781.91
Skewness	0.65
Kurtosis	3.24
Coefficient of Variability	0.50
Range Minimum	547.46
Range Maximum	85,017.42
Range Width	84,469.97
Mean Standard Error	51.47



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Forecast: Gas in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	547.46
95%	6,755.72
90%	9,212.32
85%	11,096.66
80%	12,790.75
75%	14,296.79
70%	15,779.84
65%	17,213.09
60%	18,649.22
55%	20,049.12
50%	21,507.87
45%	23,033.07
40%	24,652.58
35%	26,421.74
30%	28,227.53
25%	30,269.78
20%	32,576.99
15%	35,248.33
10%	38,768.10
5%	44,074.23
0%	85,017.42

End of Forecast

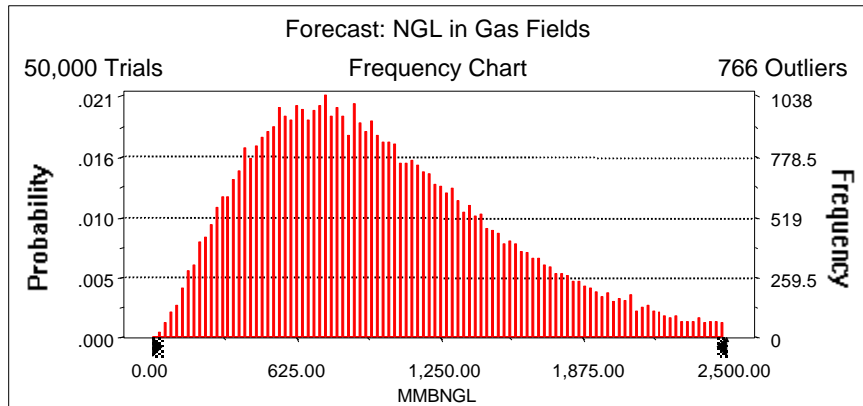
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Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 2,500.00 MMBNGL
Entire range is from 26.54 to 4,793.95 MMBNGL
After 50,000 trials, the standard error of the mean is 2.48

Statistics:	Value
Trials	50000
Mean	1,011.67
Median	919.55
Mode	---
Standard Deviation	555.64
Variance	308,735.46
Skewness	0.91
Kurtosis	4.00
Coefficient of Variability	0.55
Range Minimum	26.54
Range Maximum	4,793.95
Range Width	4,767.41
Mean Standard Error	2.48



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Forecast: NGL in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	26.54
95%	274.98
90%	377.58
85%	457.67
80%	530.50
75%	595.17
70%	660.01
65%	725.50
60%	787.44
55%	852.92
50%	919.55
45%	989.57
40%	1,063.40
35%	1,144.87
30%	1,233.30
25%	1,331.99
20%	1,446.13
15%	1,585.83
10%	1,770.54
5%	2,061.54
0%	4,793.95

End of Forecast

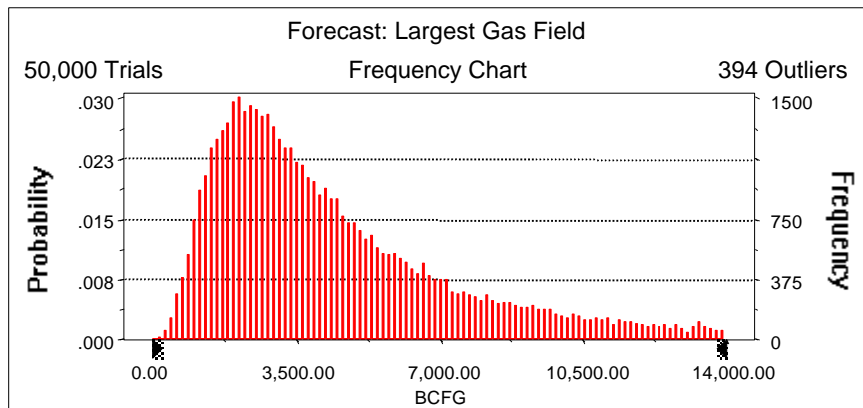
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Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 14,000.00 BCFG
Entire range is from 141.40 to 14,999.02 BCFG
After 50,000 trials, the standard error of the mean is 13.22

Statistics:	Value
Trials	50000
Mean	4,446.05
Median	3,608.07
Mode	---
Standard Deviation	2,957.03
Variance	8,744,049.03
Skewness	1.26
Kurtosis	4.21
Coefficient of Variability	0.67
Range Minimum	141.40
Range Maximum	14,999.02
Range Width	14,857.62
Mean Standard Error	13.22



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Monte Carlo Results

Forecast: Largest Gas Field (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	141.40
95%	1,171.55
90%	1,506.19
85%	1,785.91
80%	2,039.62
75%	2,275.96
70%	2,518.00
65%	2,765.78
60%	3,018.84
55%	3,305.25
50%	3,608.07
45%	3,941.09
40%	4,318.68
35%	4,733.00
30%	5,221.18
25%	5,820.57
20%	6,545.87
15%	7,449.91
10%	8,796.65
5%	10,832.75
0%	14,999.02

End of Forecast

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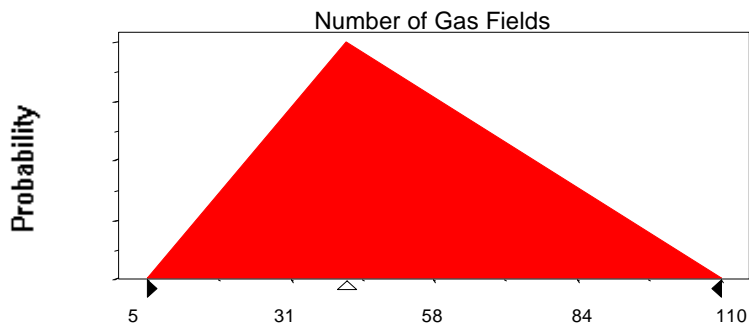
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	5
Likeliest	41
Maximum	110

Selected range is from 5 to 110
Mean value in simulation was 52



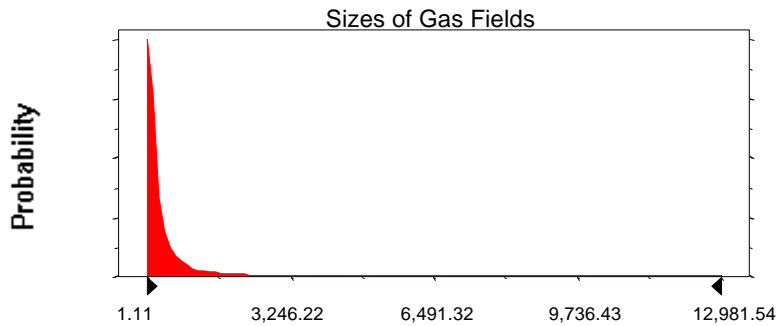
Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	405.96	465.96
Standard Deviation	1,312.02	1,312.02

Selected range is from 0.00 to 14,940.00	60.00 to 15,000.00
Mean value in simulation was 372.84	432.84

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Assumption: Sizes of Gas Fields (cont'd)



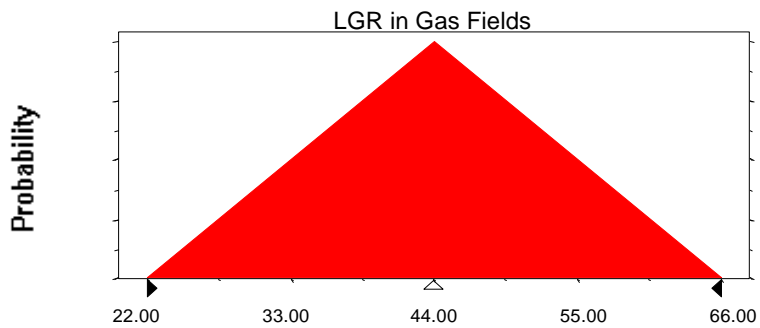
Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	22.00
Likeliest	44.00
Maximum	66.00

Selected range is from 22.00 to 66.00

Mean value in simulation was 43.99



End of Assumptions

Simulation started on 12/30/99 at 10:42:20

Simulation stopped on 12/30/99 at 11:10:31