

31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

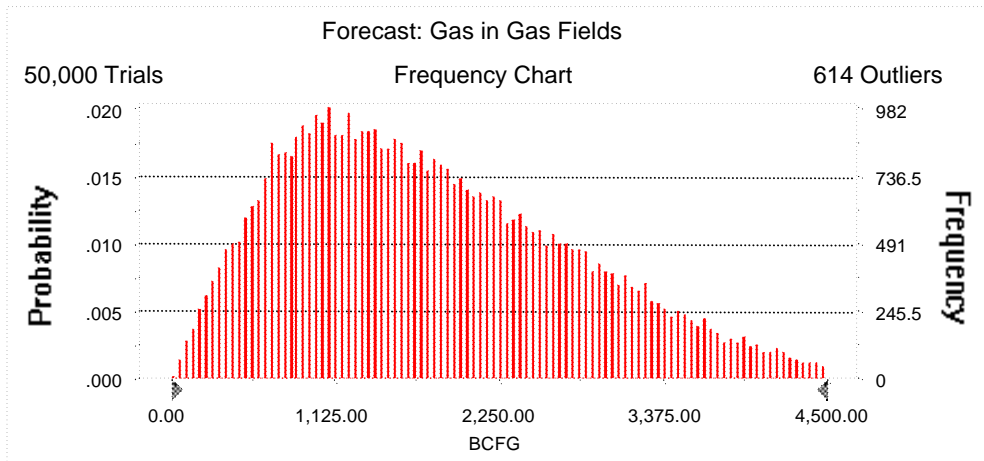
Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 4,500.00 BCFG
Entire range is from 19.51 to 7,293.71 BCFG
After 50,000 trials, the standard error of the mean is 4.56

Statistics:

	<u>Value</u>
Trials	50000
Mean	1,818.62
Median	1,657.81
Mode	---
Standard Deviation	1,020.34
Variance	1,041,091.76
Skewness	0.71
Kurtosis	3.19
Coefficient of Variability	0.56
Range Minimum	19.51
Range Maximum	7,293.71
Range Width	7,274.20
Mean Standard Error	4.56



31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	19.51
95%	433.59
90%	627.69
85%	768.76
80%	902.81
75%	1,025.66
70%	1,144.48
65%	1,267.81
60%	1,394.18
55%	1,524.39
50%	1,657.81
45%	1,801.06
40%	1,946.49
35%	2,107.95
30%	2,279.58
25%	2,472.52
20%	2,689.33
15%	2,935.64
10%	3,245.09
5%	3,701.86
0%	7,293.71

End of Forecast

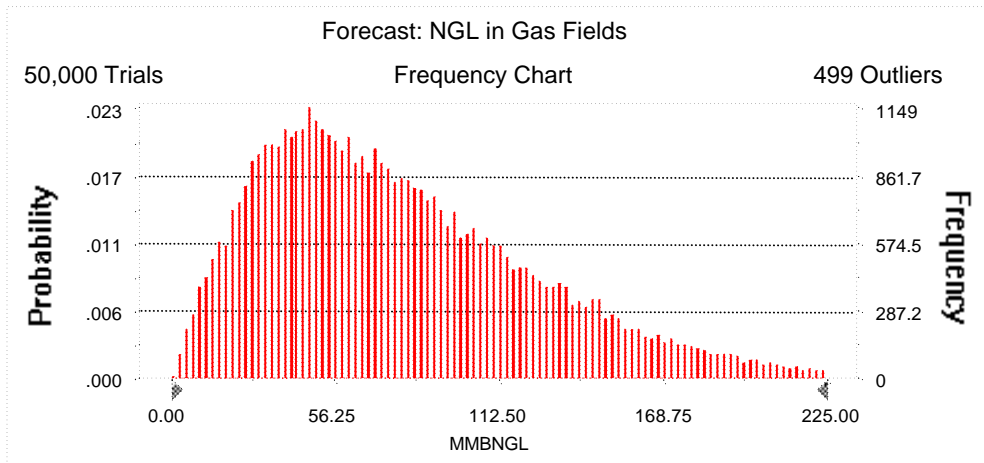
31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 225.00 MMBNGL
 Entire range is from 0.76 to 388.78 MMBNGL
 After 50,000 trials, the standard error of the mean is 0.22

Statistics:	<u>Value</u>
Trials	50000
Mean	79.92
Median	70.78
Mode	---
Standard Deviation	48.62
Variance	2,363.45
Skewness	0.99
Kurtosis	4.12
Coefficient of Variability	0.61
Range Minimum	0.76
Range Maximum	388.78
Range Width	388.02
Mean Standard Error	0.22



31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.76
95%	17.85
90%	25.93
85%	32.04
80%	37.68
75%	43.14
70%	48.36
65%	53.51
60%	58.98
55%	64.66
50%	70.78
45%	76.91
40%	83.59
35%	90.76
30%	98.70
25%	107.94
20%	118.07
15%	130.96
10%	146.80
5%	172.44
0%	388.78

End of Forecast

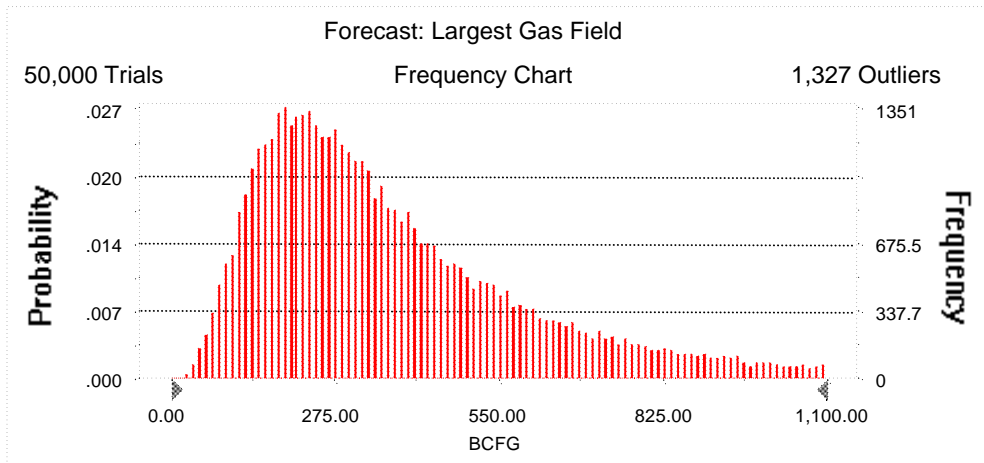
31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 1,100.00 BCFG
 Entire range is from 19.51 to 1,499.98 BCFG
 After 50,000 trials, the standard error of the mean is 1.15

Statistics:	<u>Value</u>
Trials	50000
Mean	389.36
Median	318.65
Mode	---
Standard Deviation	258.00
Variance	66,565.12
Skewness	1.49
Kurtosis	5.36
Coefficient of Variability	0.66
Range Minimum	19.51
Range Maximum	1,499.98
Range Width	1,480.47
Mean Standard Error	1.15



31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: Largest Gas Field (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	19.51
95%	110.34
90%	139.99
85%	164.09
80%	185.69
75%	206.96
70%	227.64
65%	248.61
60%	271.04
55%	293.86
50%	318.65
45%	345.11
40%	375.61
35%	409.30
30%	448.95
25%	496.73
20%	555.17
15%	631.09
10%	741.91
5%	932.11
0%	1,499.98

End of Forecast

31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

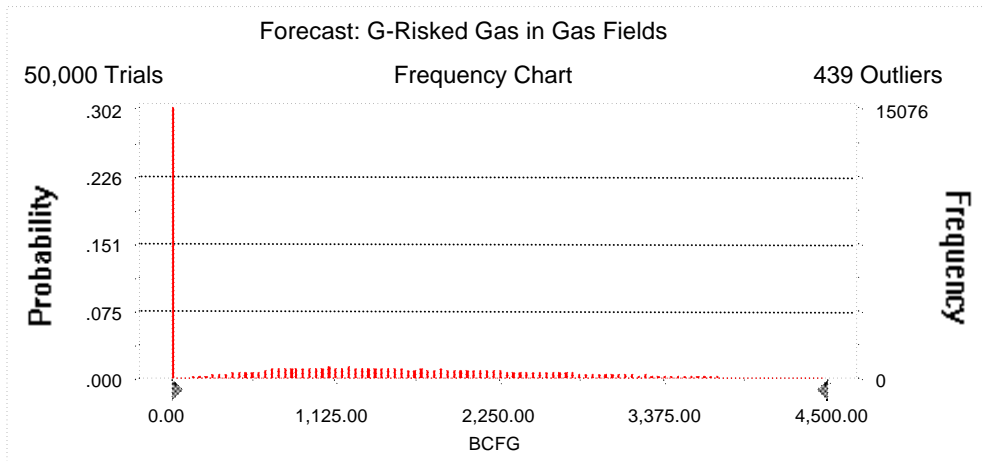
Forecast: G-Riskied Gas in Gas Fields

Summary:

Display range is from 0.00 to 4,500.00 BCFG
 Entire range is from 0.00 to 7,293.71 BCFG
 After 50,000 trials, the standard error of the mean is 5.34

Statistics:

	<u>Value</u>
Trials	50000
Mean	1,272.97
Median	1,112.45
Mode	0.00
Standard Deviation	1,194.29
Variance	1,426,319.93
Skewness	0.71
Kurtosis	2.83
Coefficient of Variability	0.94
Range Minimum	0.00
Range Maximum	7,293.71
Range Width	7,293.71
Mean Standard Error	5.34



31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: G-Risked Gas in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	516.16
60%	744.67
55%	937.07
50%	1,112.45
45%	1,285.64
40%	1,470.15
35%	1,664.31
30%	1,869.20
25%	2,090.55
20%	2,335.46
15%	2,622.72
10%	2,972.95
5%	3,481.79
0%	7,293.71

End of Forecast

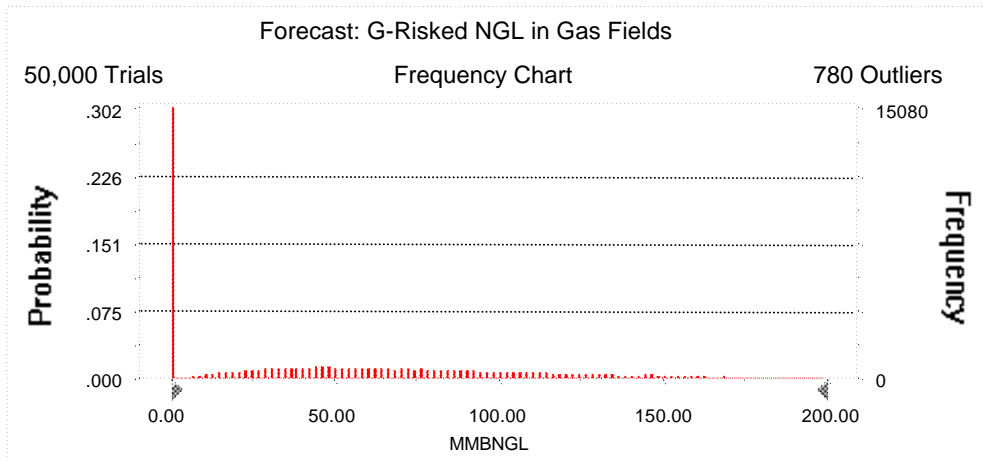
31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: G-Riskied NGL in Gas Fields

Summary:

Display range is from 0.00 to 200.00 MMBNGL
 Entire range is from 0.00 to 373.63 MMBNGL
 After 50,000 trials, the standard error of the mean is 0.25

Statistics:	<u>Value</u>
Trials	50000
Mean	55.98
Median	46.86
Mode	0.00
Standard Deviation	54.86
Variance	3,009.12
Skewness	0.95
Kurtosis	3.62
Coefficient of Variability	0.98
Range Minimum	0.00
Range Maximum	373.63
Range Width	373.63
Mean Standard Error	0.25



31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Forecast: G-Riskied NGL in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	21.33
60%	31.04
55%	39.22
50%	46.86
45%	54.28
40%	62.28
35%	70.98
30%	80.10
25%	89.85
20%	101.53
15%	114.94
10%	133.22
5%	159.67
0%	373.63

End of Forecast

31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

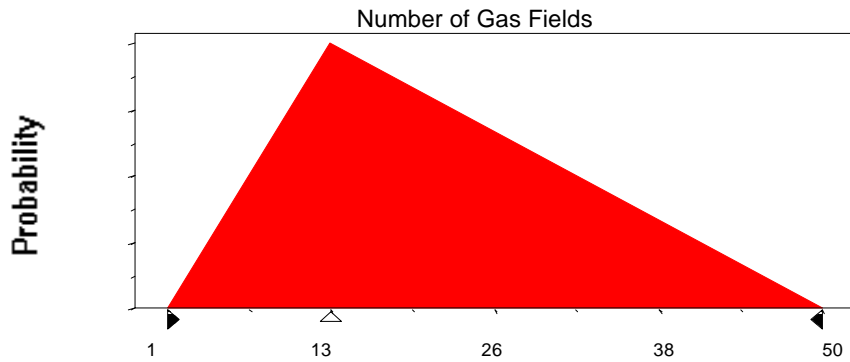
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	13
Maximum	50

Selected range is from 1 to 50
Mean value in simulation was 21



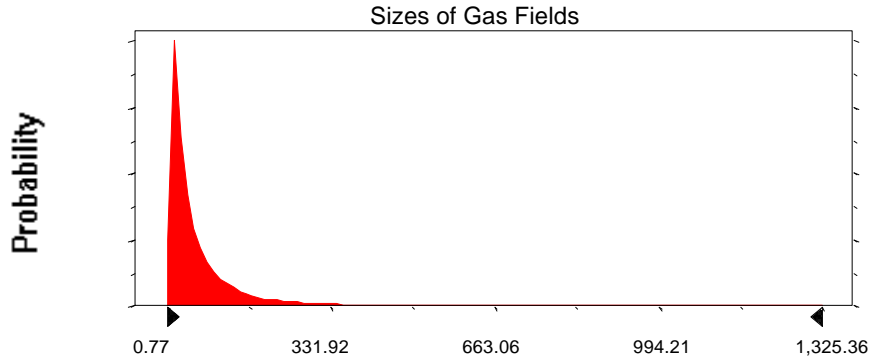
Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	69.14	87.14
Standard Deviation	132.40	132.4

Selected range is from 0.00 to 1,482.00 18.00 to 1,500.00
Mean value in simulation was 67.26 85.26

31420402
Lower Paleozoic of Southeastern Fold Belt
Monte Carlo Results

Assumption: Sizes of Gas Fields (cont'd)



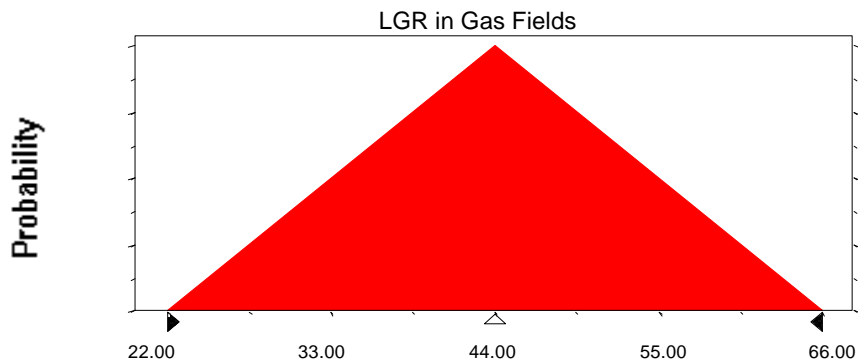
Assumption: LGR in Gas Fields

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 43.97



End of Assumptions

Simulation started on 12/30/99 at 17:15:59
Simulation stopped on 12/30/99 at 17:34:01