

50100101
Northern Nonassociated Gas
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

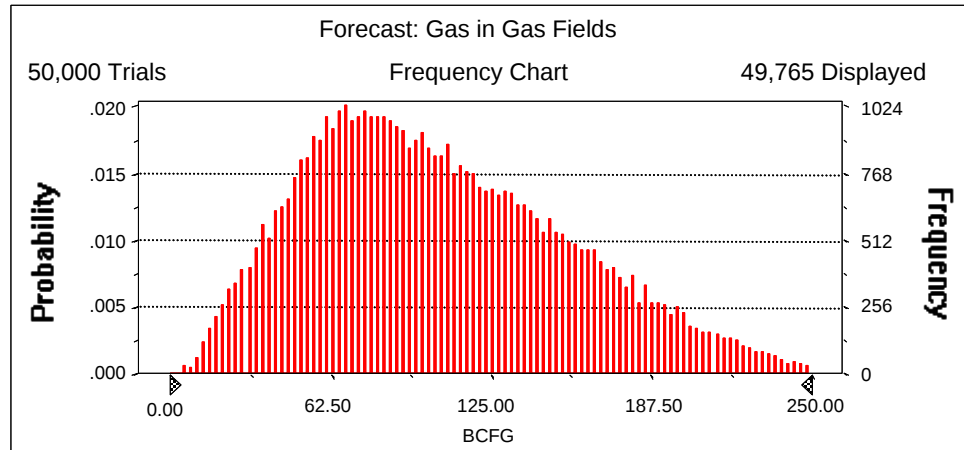
Display range is from 0.00 to 250.00 BCFG

Entire range is from 3.93 to 340.41 BCFG

After 50,000 trials, the standard error of the mean is 0.23

Statistics:

	<u>Value</u>
Trials	50000
Mean	105.78
Median	98.76
Mode	---
Standard Deviation	51.30
Variance	2,631.64
Skewness	0.54
Kurtosis	2.79
Coefficient of Variability	0.48
Range Minimum	3.93
Range Maximum	340.41
Range Width	336.49
Mean Standard Error	0.23



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Forecast: Gas in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	3.93
95%	33.17
90%	44.12
85%	52.61
80%	59.72
75%	66.16
70%	72.48
65%	78.78
60%	85.13
55%	91.67
50%	98.76
45%	106.07
40%	113.65
35%	121.93
30%	130.82
25%	140.12
20%	150.82
15%	163.08
10%	178.06
5%	199.64
0%	340.41

End of Forecast

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Forecast: NGL in Gas Fields

Summary:

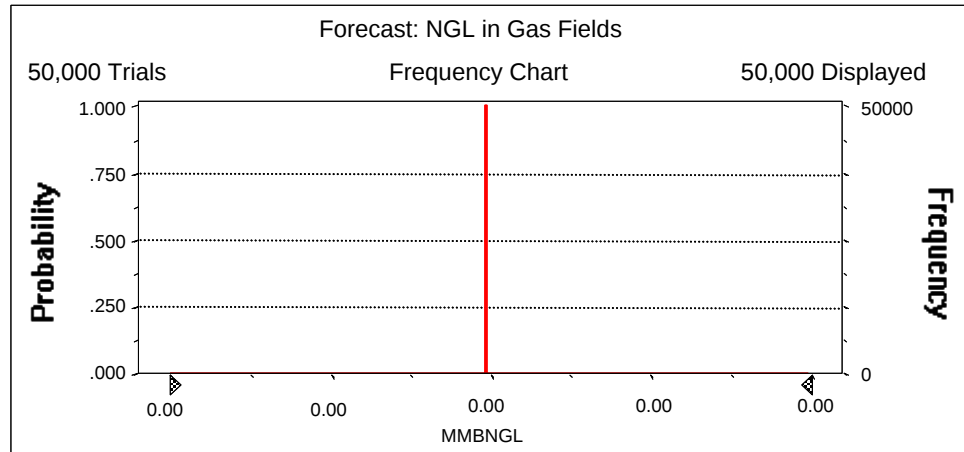
Display range is from 0.00 to 0.00 MMBNGL

Entire range is from 0.00 to 0.00 MMBNGL

After 50,000 trials, the standard error of the mean is 0.00

Statistics:

	<u>Value</u>
Trials	50000
Mean	0.00
Median	0.00
Mode	0.00
Standard Deviation	0.00
Variance	0.00
Skewness	0.00
Kurtosis	+Infinity
Coefficient of Variability	+Infinity
Range Minimum	0.00
Range Maximum	0.00
Range Width	0.00
Mean Standard Error	0.00



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Forecast: 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%	0.00
60%	0.00
55%	0.00
50%	0.00
45%	0.00
40%	0.00
35%	0.00
30%	0.00
25%	0.00
20%	0.00
15%	0.00
10%	0.00
5%	0.00
0%	0.00

End of Forecast

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Forecast: Largest Gas Field

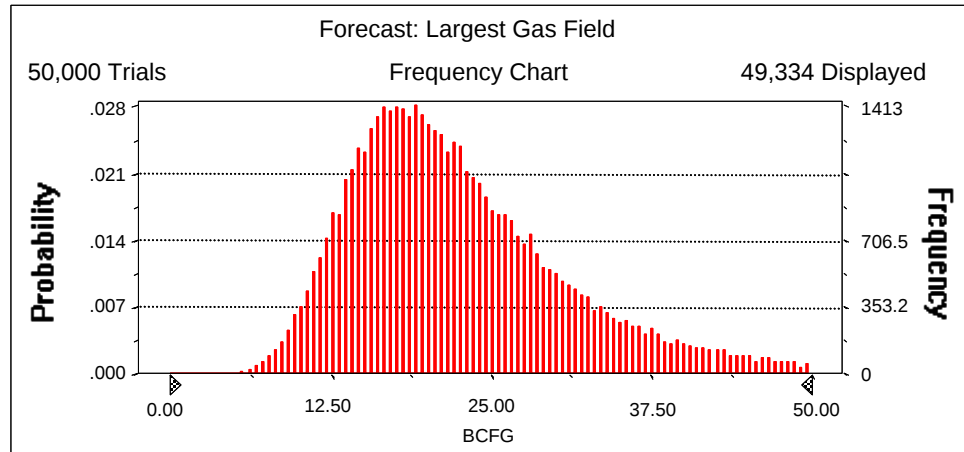
Summary:

Display range is from 0.00 to 50.00 BCFG

Entire range is from 3.93 to 59.96 BCFG

After 50,000 trials, the standard error of the mean is 0.04

Statistics:	Value
Trials	50000
Mean	22.79
Median	21.04
Mode	---
Standard Deviation	8.91
Variance	79.35
Skewness	1.12
Kurtosis	4.49
Coefficient of Variability	0.39
Range Minimum	3.93
Range Maximum	59.96
Range Width	56.04
Mean Standard Error	0.04



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Forecast: Largest Gas Field (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	3.93
95%	11.55
90%	13.22
85%	14.48
80%	15.53
75%	16.47
70%	17.38
65%	18.26
60%	19.16
55%	20.08
50%	21.04
45%	22.07
40%	23.12
35%	24.32
30%	25.69
25%	27.24
20%	29.06
15%	31.46
10%	34.79
5%	40.42
0%	59.96

End of Forecast

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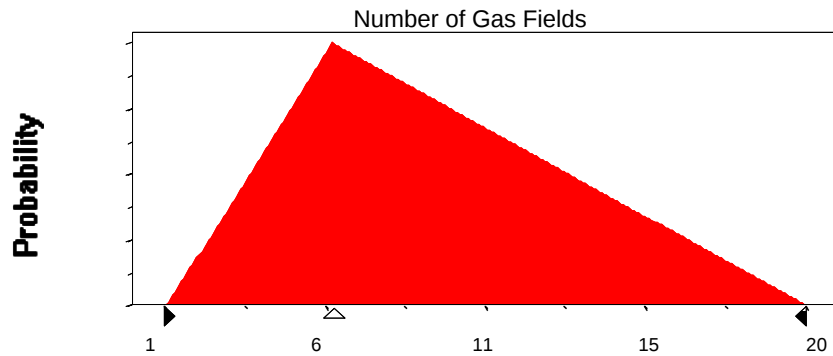
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	6
Maximum	20

Selected range is from 1 to 20



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:

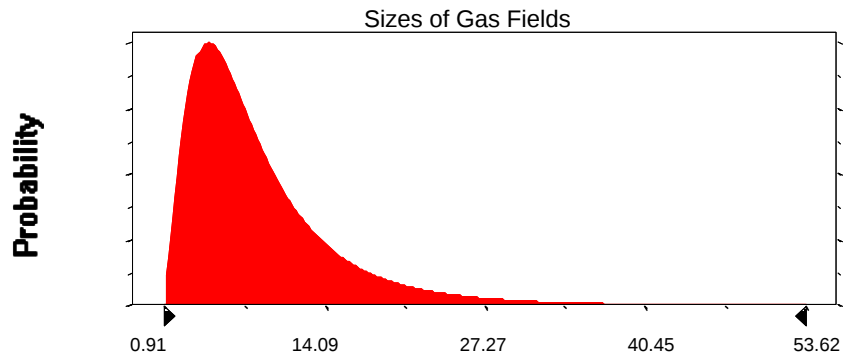
Mean	8.81	Shifted parameters	11.81
Standard Deviation	6.74		6.74

Selected range is from 0.00 to 57.00

3.00 to 60.00

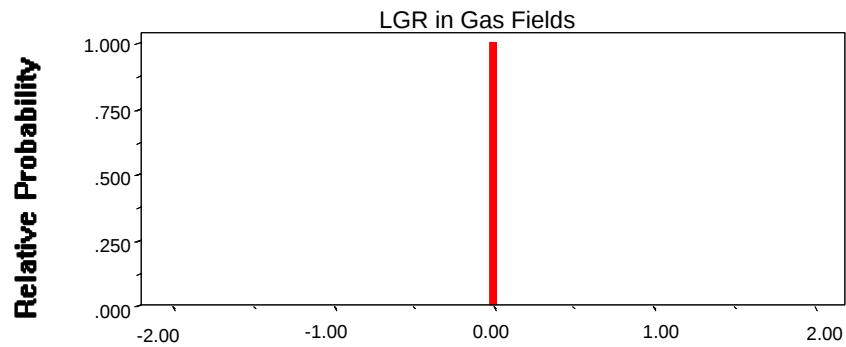
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Assumption: Sizes of Gas Fields (cont'd)



Assumption: LGR in Gas Fields

Custom distribution with parameters:		<u>Relative Prob.</u>
Single point	0.00	1.000000
Total Relative Probability		1.000000



End of Assumptions

Simulation started on 11/24/03 at 16:11:14
Simulation stopped on 11/24/03 at 16:23:14