

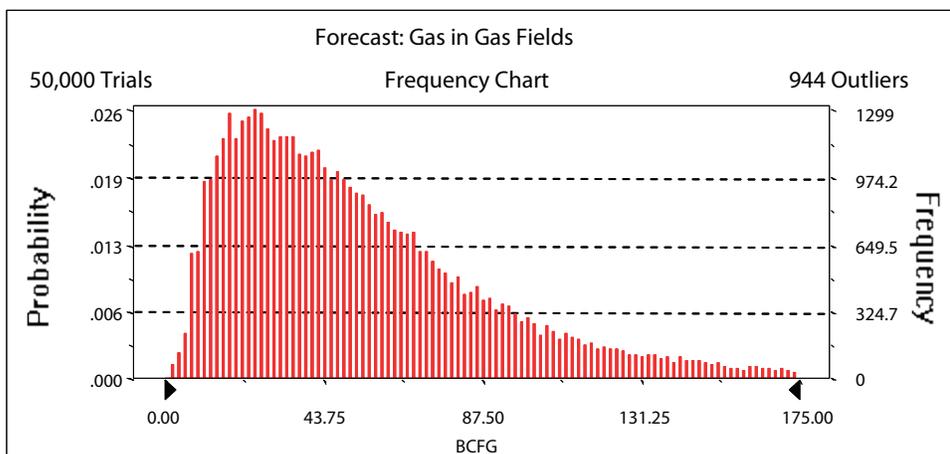
50330101
Eastern Basin Margin Upper Fort Union Sandstone
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 175.00 BCFG
Entire range is from 3.01 to 464.45 BCFG
After 50,000 trials, the standard error of the mean is 0.18

Statistics:	Value
Trials	50000
Mean	56.14
Median	46.16
Mode	---
Standard Deviation	40.85
Variance	1,668.54
Skewness	1.77
Kurtosis	7.98
Coefficient of Variability	0.73
Range Minimum	3.01
Range Maximum	464.45
Range Width	461.45
Mean Standard Error	0.18



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Forecast: Gas in Gas Fields (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	3.01
95%	12.07
90%	16.31
85%	19.88
80%	23.47
75%	26.86
70%	30.41
65%	34.13
60%	37.97
55%	42.01
50%	46.16
45%	50.69
40%	55.52
35%	60.83
30%	66.85
25%	73.52
20%	81.92
15%	92.79
10%	107.84
5%	135.74
0%	464.45

End of Forecast

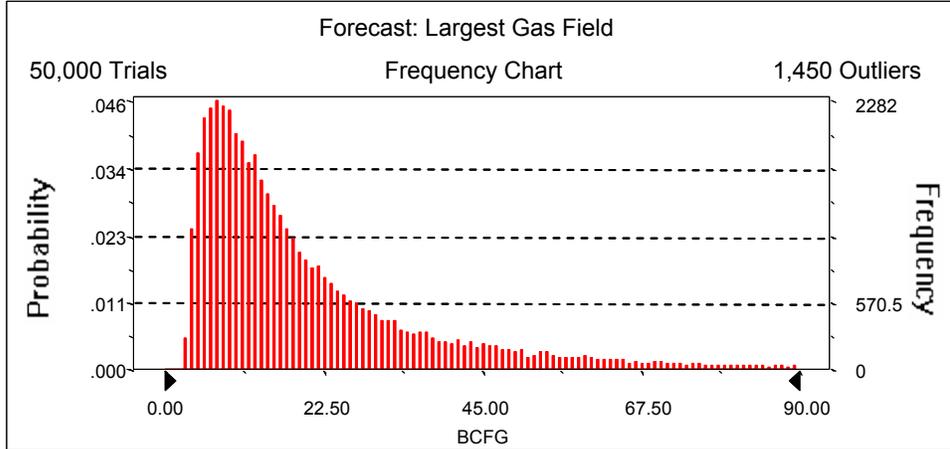
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Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 90.00 BCFG
Entire range is from 3.01 to 199.91 BCFG
After 50,000 trials, the standard error of the mean is 0.11

Statistics:	Value
Trials	50000
Mean	23.27
Median	15.27
Mode	---
Standard Deviation	24.19
Variance	585.20
Skewness	3.02
Kurtosis	15.04
Coefficient of Variability	1.04
Range Minimum	3.01
Range Maximum	199.91
Range Width	196.90
Mean Standard Error	0.11



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Forecast: Largest Gas Field (cont'd)

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	3.01
95%	5.01
90%	6.11
85%	7.12
80%	8.10
75%	9.09
70%	10.15
65%	11.29
60%	12.52
55%	13.80
50%	15.27
45%	16.90
40%	18.83
35%	21.16
30%	23.87
25%	27.34
20%	31.94
15%	38.61
10%	48.89
5%	69.94
0%	199.91

End of Forecast

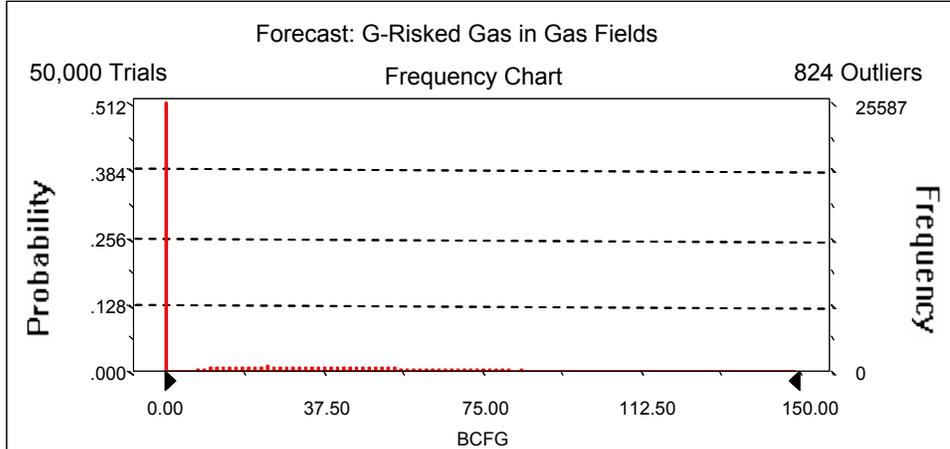
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Forecast: G-Risked Gas in Gas Fields

Summary:

Display range is from 0.00 to 150.00 BCFG
Entire range is from 0.00 to 360.21 BCFG
After 50,000 trials, the standard error of the mean is 0.18

Statistics:	Value
Trials	50000
Mean	27.37
Median	0.00
Mode	0.00
Standard Deviation	39.78
Variance	1,582.68
Skewness	1.96
Kurtosis	7.97
Coefficient of Variability	1.45
Range Minimum	0.00
Range Maximum	360.21
Range Width	360.21
Mean Standard Error	0.18



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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%	0.00
60%	0.00
55%	0.00
50%	0.00
45%	14.47
40%	22.15
35%	29.22
30%	36.98
25%	45.18
20%	54.38
15%	65.89
10%	81.12
5%	107.43
0%	360.21

End of Forecast

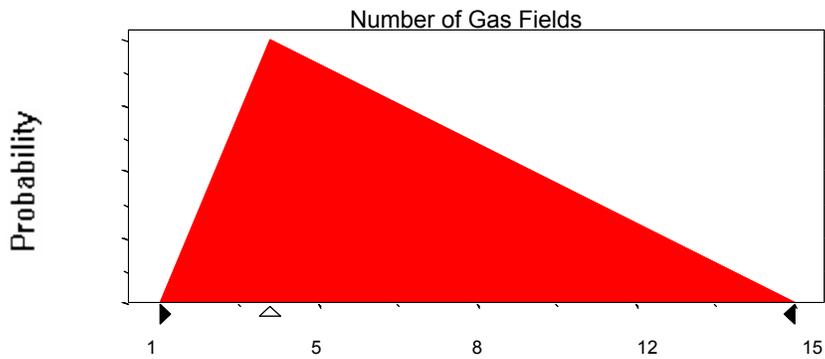
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	3
Maximum	15

Selected range is from 1 to 15
Mean value in simulation was 6



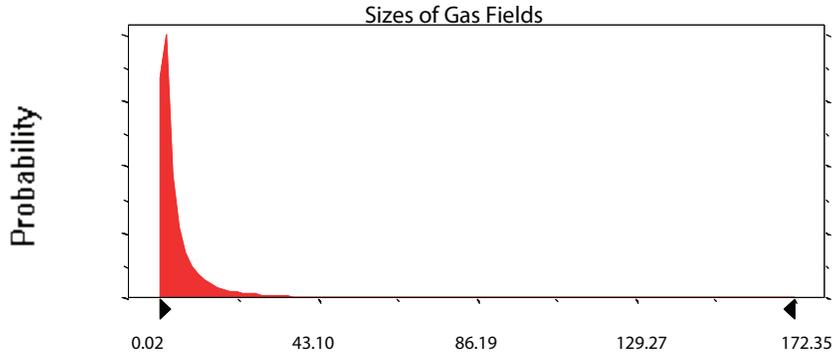
Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	6.03	9.03
Standard Deviation	17.14	17.14

Selected range is from 0.00 to 197.00 3.00 to 200.00
Mean value in simulation was 5.64 8.64

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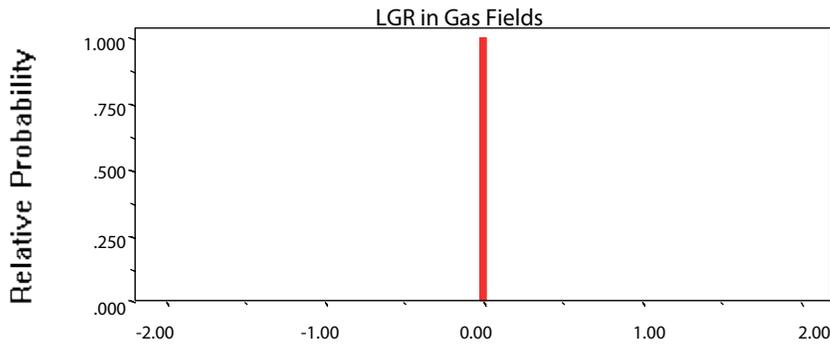
Assumption: Sizes of Gas Fields (cont'd)



Assumption: LGR in Gas Fields

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

Mean value in simulation was 0.00



End of Assumptions

Simulation started on 10/20/00 at 11:06:01
Simulation stopped on 10/20/00 at 11:18:39