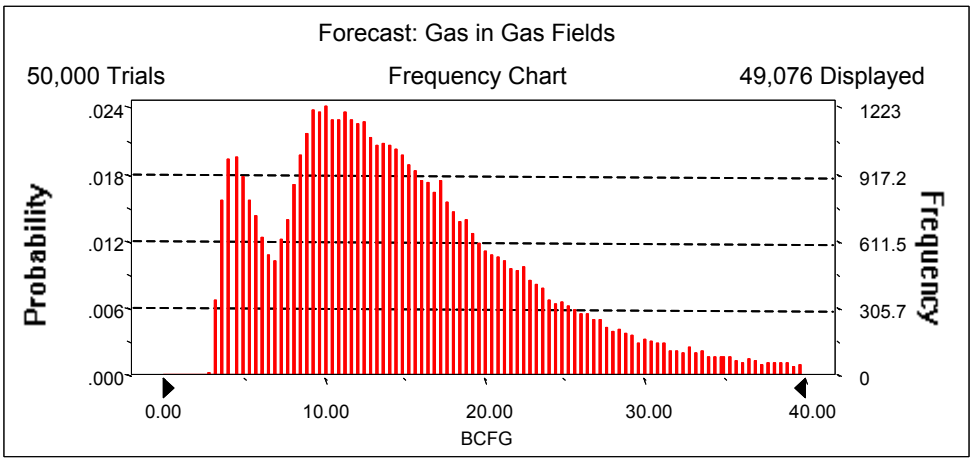
50370401
Hilliard-Baxter-Mancos Conventional Oil and Gas
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 40.00 BCFG
Entire range is from 3.10 to 84.78 BCFG
After 50,000 trials, the standard error of the mean is 0.04

Statistics:	Value
Trials	50000
Mean	15.49
Median	13.85
Mode	---
Standard Deviation	8.67
Variance	75.11
Skewness	1.37
Kurtosis	6.04
Coefficient of Variability	0.56
Range Minimum	3.10
Range Maximum	84.78
Range Width	81.69
Mean Standard Error	0.04



Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	3.10
95%	4.55
90%	5.67
85%	7.36
80%	8.62
75%	9.51
70%	10.33
65%	11.18
60%	12.03
55%	12.90
50%	13.85
45%	14.81
40%	15.83
35%	16.97
30%	18.17
25%	19.62
20%	21.40
15%	23.55
10%	26.61
5%	31.93
0%	84.78

End of Forecast

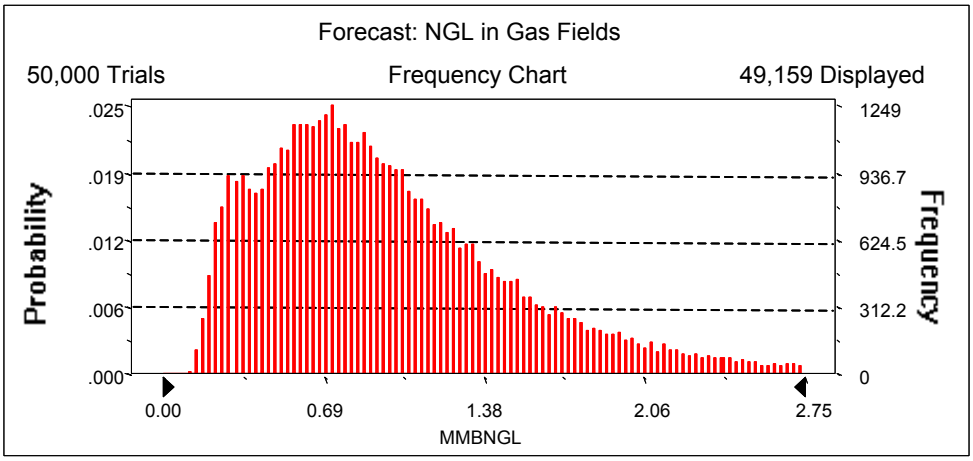
50370401
Hilliard-Baxter-Mancos Conventional Oil and Gas
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 2.75 MMBNGL
Entire range is from 0.12 to 7.43 MMBNGL
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	0.99
Median	0.87
Mode	---
Standard Deviation	0.60
Variance	0.36
Skewness	1.59
Kurtosis	7.49
Coefficient of Variability	0.61
Range Minimum	0.12
Range Maximum	7.43
Range Width	7.30
Mean Standard Error	0.00



Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.12
95%	0.28
90%	0.35
85%	0.44
80%	0.51
75%	0.57
70%	0.63
65%	0.69
60%	0.74
55%	0.80
50%	0.87
45%	0.93
40%	1.00
35%	1.08
30%	1.16
25%	1.27
20%	1.39
15%	1.54
10%	1.76
5%	2.13
0%	7.43

End of Forecast

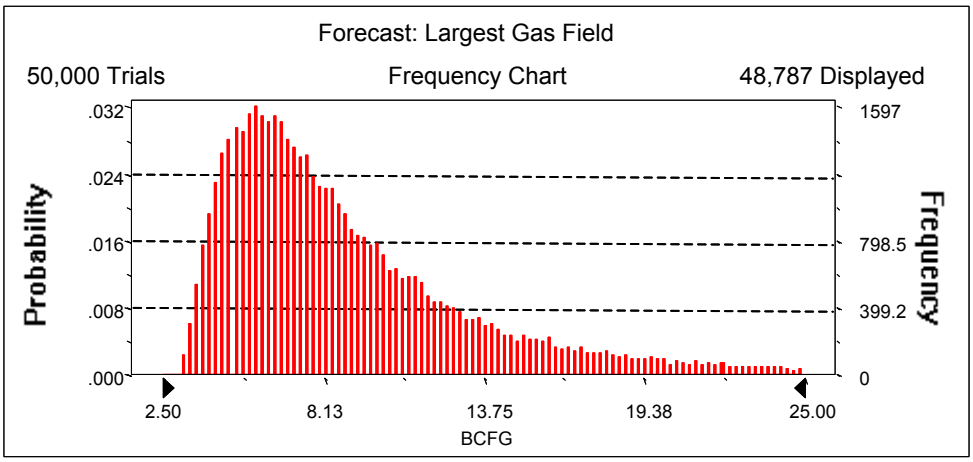
50370401
Hilliard-Baxter-Mancos Conventional Oil and Gas
Monte Carlo Results

Forecast: Largest Gas Field

Summary:

Display range is from 2.50 to 25.00 BCFG
Entire range is from 3.10 to 49.69 BCFG
After 50,000 trials, the standard error of the mean is 0.02

Statistics:	Value
Trials	50000
Mean	9.43
Median	7.83
Mode	---
Standard Deviation	5.52
Variance	30.42
Skewness	2.36
Kurtosis	10.95
Coefficient of Variability	0.58
Range Minimum	3.10
Range Maximum	49.69
Range Width	46.60
Mean Standard Error	0.02



Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	3.10
95%	4.24
90%	4.71
85%	5.11
80%	5.50
75%	5.85
70%	6.22
65%	6.58
60%	6.97
55%	7.39
50%	7.83
45%	8.33
40%	8.87
35%	9.51
30%	10.22
25%	11.12
20%	12.21
15%	13.69
10%	15.99
5%	20.15
0%	49.69

End of Forecast

50370401
Hilliard-Baxter-Mancos Conventional Oil and Gas
Monte Carlo Results

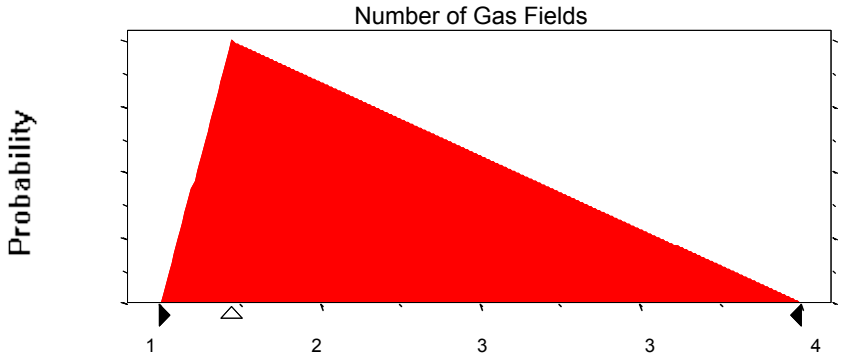
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	1
Maximum	4

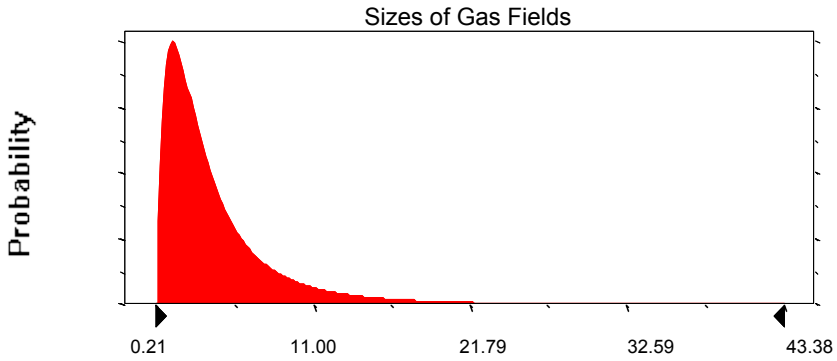
Selected range is from 1 to 4



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	4.46	7.46
Standard Deviation	4.91	4.91
Selected range is from	0.00 to 47.00	3.00 to 50.00

Assumption: Sizes of Gas Fields (cont'd)

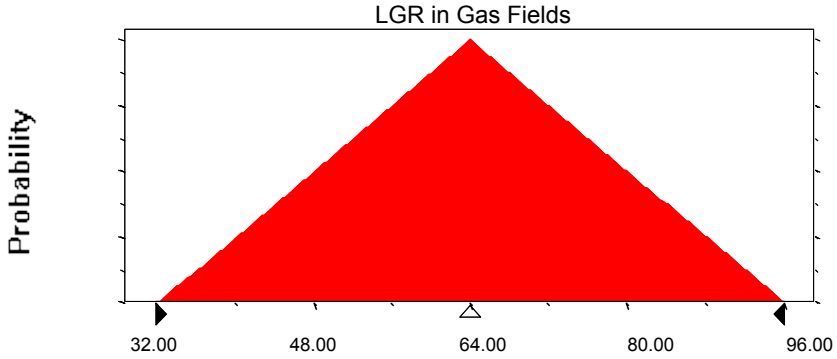


Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	32.00
Likeliest	64.00
Maximum	96.00

Selected range is from 32.00 to 96.00



End of Assumptions

Simulation started on 8/27/02 at 10:00:09
Simulation stopped on 8/27/02 at 10:10:28

Click here to return to
Chapter 28