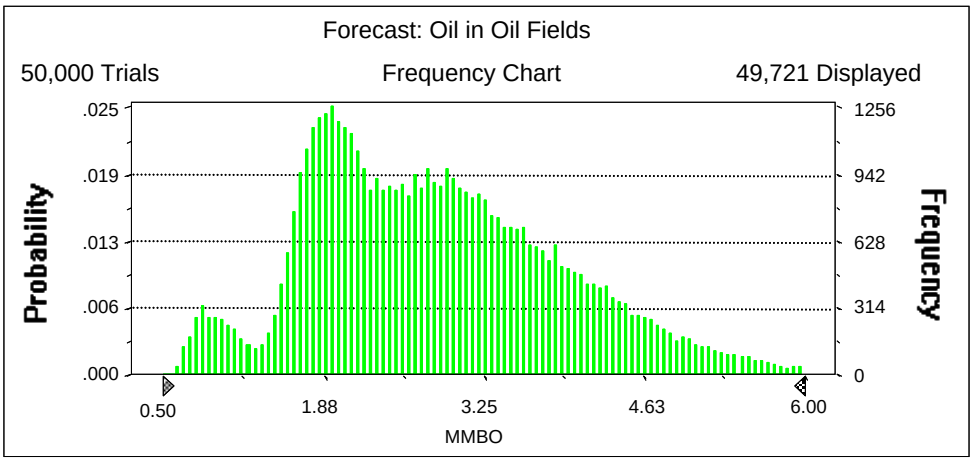
Forecast: Oil in Oil Fields

Summary:

Display range is from 0.50 to 6.00 MMBO
Entire range is from 0.59 to 8.05 MMBO
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	2.85
Median	2.73
Mode	---
Standard Deviation	1.09
Variance	1.18
Skewness	0.54
Kurtosis	3.07
Coefficient of Variability	0.38
Range Minimum	0.59
Range Maximum	8.05
Range Width	7.46
Mean Standard Error	0.00



Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	0.59
95%	1.25
90%	1.65
85%	1.79
80%	1.90
75%	2.01
70%	2.13
65%	2.27
60%	2.42
55%	2.58
50%	2.73
45%	2.88
40%	3.03
35%	3.19
30%	3.36
25%	3.56
20%	3.77
15%	4.03
10%	4.34
5%	4.81
0%	8.05

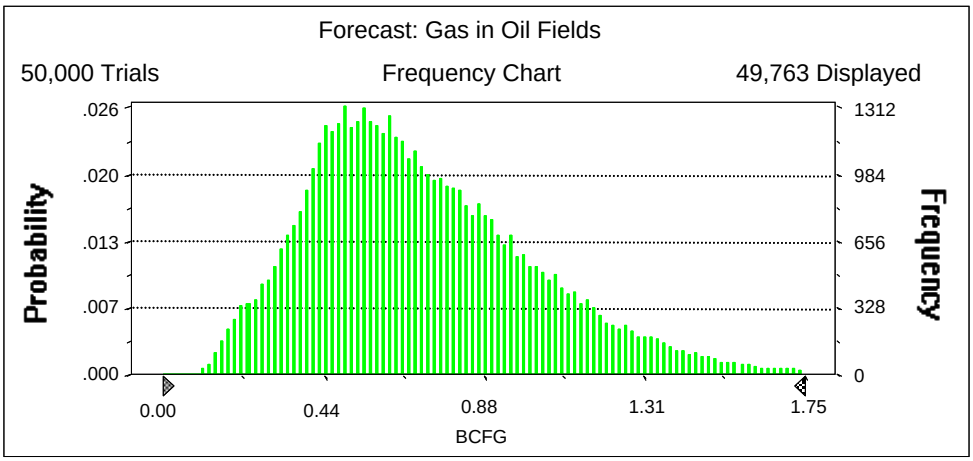
End of Forecast

Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 1.75 BCFG
Entire range is from 0.09 to 2.63 BCFG
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	0.71
Median	0.66
Mode	---
Standard Deviation	0.31
Variance	0.10
Skewness	0.82
Kurtosis	3.80
Coefficient of Variability	0.44
Range Minimum	0.09
Range Maximum	2.63
Range Width	2.54
Mean Standard Error	0.00



Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	0.09
95%	0.28
90%	0.36
85%	0.41
80%	0.45
75%	0.48
70%	0.52
65%	0.55
60%	0.59
55%	0.62
50%	0.66
45%	0.70
40%	0.75
35%	0.79
30%	0.84
25%	0.90
20%	0.96
15%	1.04
10%	1.14
5%	1.30
0%	2.63

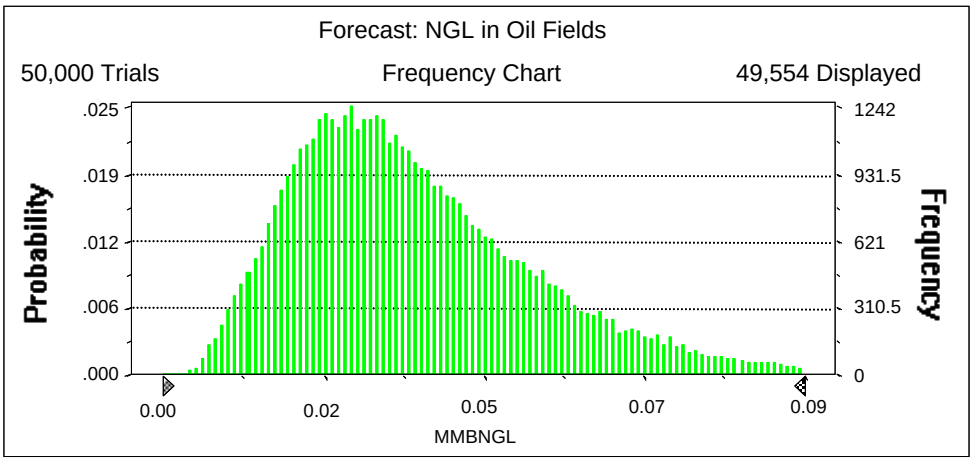
End of Forecast

Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 0.09 MMBNGL
Entire range is from 0.00 to 0.15 MMBNGL
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	0.04
Median	0.03
Mode	---
Standard Deviation	0.02
Variance	0.00
Skewness	1.05
Kurtosis	4.56
Coefficient of Variability	0.49
Range Minimum	0.00
Range Maximum	0.15
Range Width	0.15
Mean Standard Error	0.00



Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.00
95%	0.01
90%	0.02
85%	0.02
80%	0.02
75%	0.02
70%	0.02
65%	0.03
60%	0.03
55%	0.03
50%	0.03
45%	0.03
40%	0.04
35%	0.04
30%	0.04
25%	0.05
20%	0.05
15%	0.05
10%	0.06
5%	0.07
0%	0.15

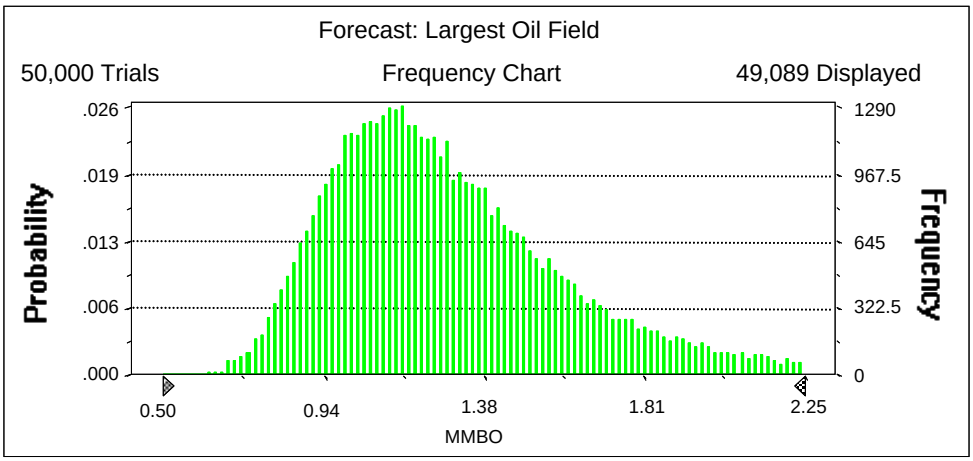
End of Forecast

Forecast: Largest Oil Field

Summary:

Display range is from 0.50 to 2.25 MMBO
Entire range is from 0.59 to 3.00 MMBO
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	1.29
Median	1.23
Mode	---
Standard Deviation	0.34
Variance	0.12
Skewness	1.18
Kurtosis	4.93
Coefficient of Variability	0.27
Range Minimum	0.59
Range Maximum	3.00
Range Width	2.41
Mean Standard Error	0.00



Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	0.59
95%	0.86
90%	0.92
85%	0.97
80%	1.01
75%	1.05
70%	1.08
65%	1.12
60%	1.15
55%	1.19
50%	1.23
45%	1.27
40%	1.31
35%	1.35
30%	1.40
25%	1.46
20%	1.53
15%	1.62
10%	1.75
5%	1.96
0%	3.00

End of Forecast

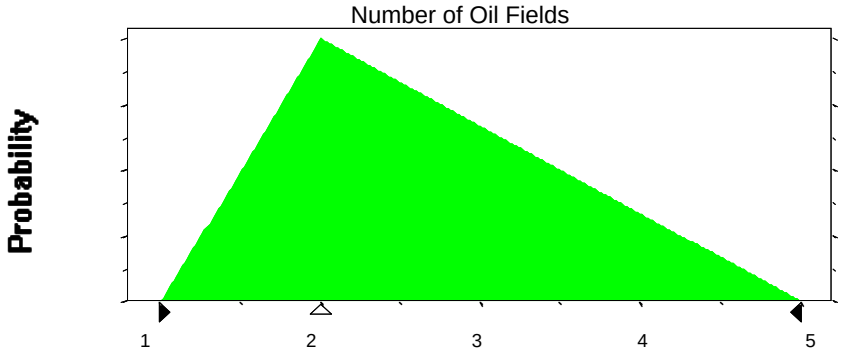
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	2
Maximum	5

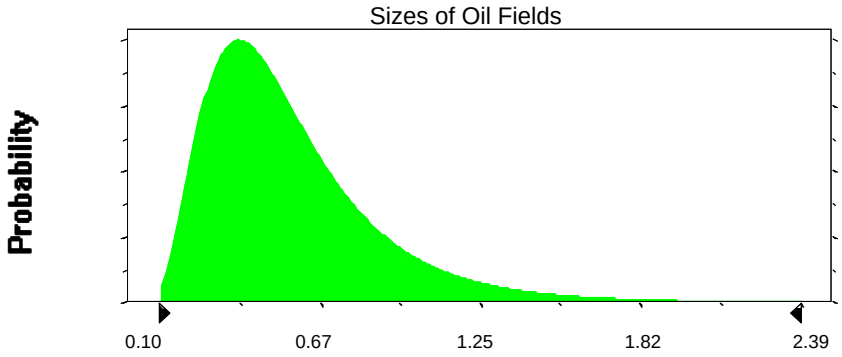
Selected range is from 1 to 5



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	0.57	1.07
Standard Deviation	0.32	0.32
Selected range is from 0.00 to 2.50		0.50 to 3.00

Assumption: Sizes of Oil Fields (cont'd)

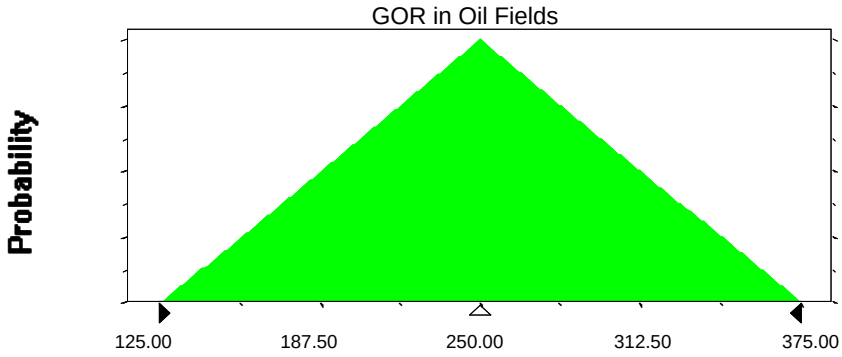


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	125.00
Likeliest	250.00
Maximum	375.00

Selected range is from 125.00 to 375.00

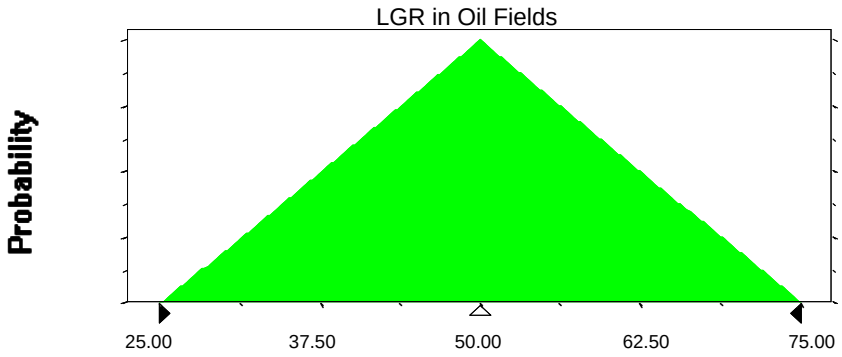


Assumption: LGR in Oil Fields

Triangular distribution with parameters:

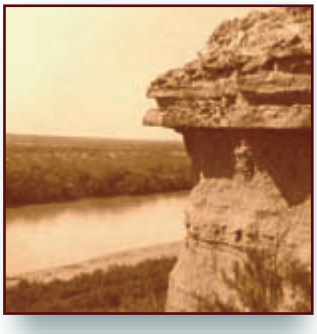
Minimum	25.00
Likeliest	50.00
Maximum	75.00

Selected range is from 25.00 to 75.00



End of Assumptions

Simulation started on 1/30/04 at 14:58:14
Simulation stopped on 1/30/04 at 15:08:41



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Chapter 3