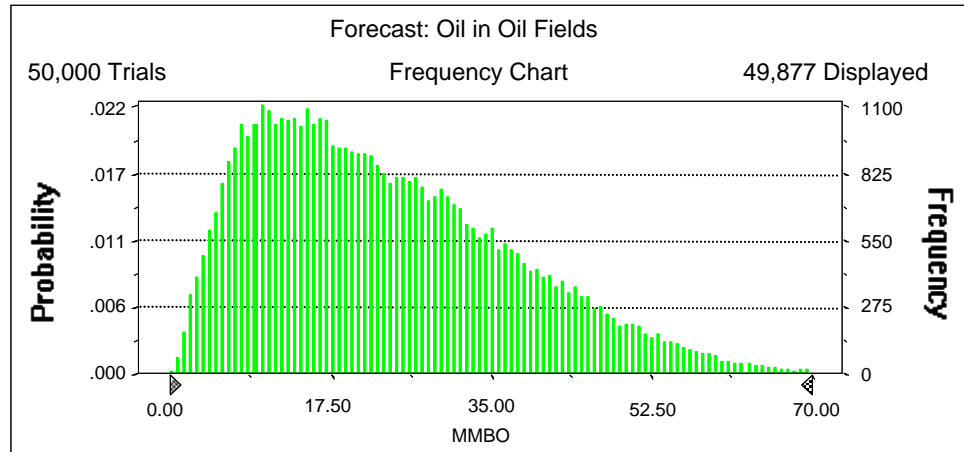**Forecast: Oil in Oil Fields**

Summary:
Display range is from 0.00 to 70.00 MMBO
Entire range is from 0.52 to 92.66 MMBO
After 50,000 trials, the standard error of the mean is 0.06

Statistics:	Value
Trials	50000
Mean	23.78
Median	21.39
Mode	---
Standard Deviation	14.04
Variance	196.99
Skewness	0.73
Kurtosis	3.12
Coefficient of Variability	0.59
Range Minimum	0.52
Range Maximum	92.66
Range Width	92.13
Mean Standard Error	0.06

Forecast: Oil in Oil Fields

50,000 Trials — Frequency Chart — 49,877 Displayed

Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	0.52
95%	5.41
90%	7.48
85%	9.26
80%	10.89
75%	12.56
70%	14.23
65%	15.90
60%	17.60
55%	19.49
50%	21.39
45%	23.41
40%	25.62
35%	27.81
30%	30.18
25%	32.74
20%	35.76
15%	39.26
10%	43.70
5%	50.08
0%	92.66

End of Forecast
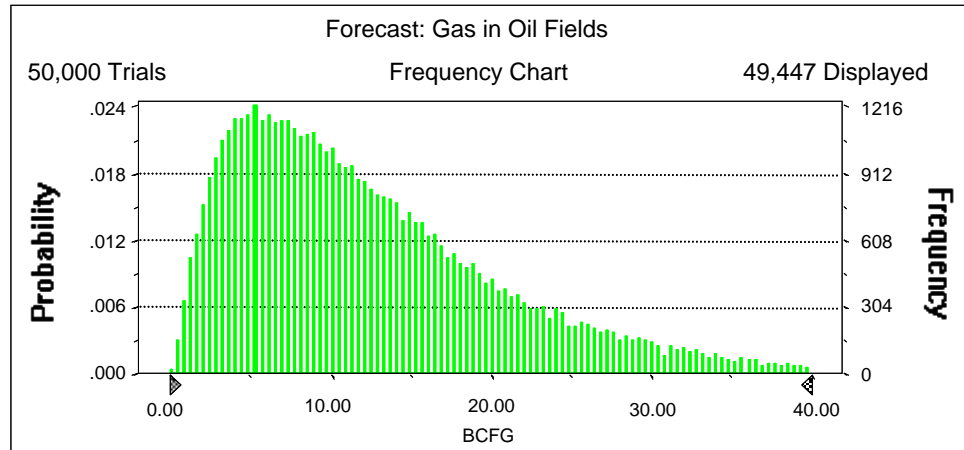
Forecast: Gas in Oil Fields

Summary:
Display range is from 0.00 to 40.00 BCFG
Entire range is from 0.14 to 75.59 BCFG
After 50,000 trials, the standard error of the mean is 0.04

Statistics:	Value
Trials	50000
Mean	12.67
Median	10.65
Mode	---
Standard Deviation	8.79
Variance	77.35
Skewness	1.28
Kurtosis	5.11
Coefficient of Variability	0.69
Range Minimum	0.14
Range Maximum	75.59
Range Width	75.44
Mean Standard Error	0.04

Forecast: Gas in Oil Fields

50,000 Trials   Frequency Chart   49,447 Displayed

Forecast: Gas in Oil Fields (cont'd)

Percentiles:

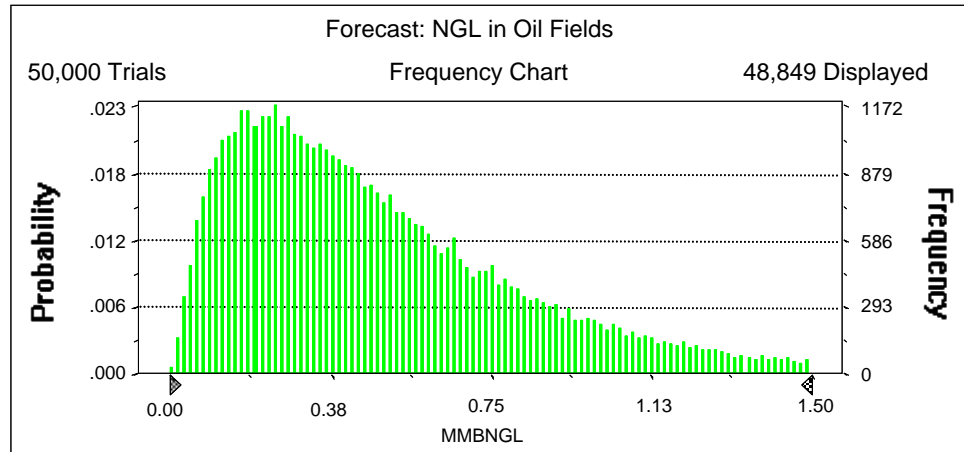| Percentile	BCFG
100%	0.14
95%	2.43
90%	3.45
85%	4.36
80%	5.21
75%	6.06
70%	6.92
65%	7.80
60%	8.71
55%	9.65
50%	10.65
45%	11.73
40%	12.89
35%	14.14
30%	15.53
25%	17.10
20%	19.04
15%	21.45
10%	24.76
5%	29.98
0%	75.59

End of Forecast

Forecast: NGL in Oil Fields

Summary:
Display range is from 0.00 to 1.50 MMBNGL
Entire range is from 0.00 to 3.42 MMBNGL
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	0.51
Median	0.42
Mode	---
Standard Deviation	0.37
Variance	0.14
Skewness	1.50
Kurtosis	6.19
Coefficient of Variability	0.74
Range Minimum	0.00
Range Maximum	3.42
Range Width	3.42
Mean Standard Error	0.00

Forecast: NGL in Oil Fields
50,000 Trials   Frequency Chart   48,849 Displayed

Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.00
95%	0.09
90%	0.13
85%	0.17
80%	0.20
75%	0.23
70%	0.27
65%	0.30
60%	0.34
55%	0.38
50%	0.42
45%	0.46
40%	0.51
35%	0.56
30%	0.61
25%	0.68
20%	0.76
15%	0.87
10%	1.01
5%	1.24
0%	3.42

End of Forecast

Forecast: Largest Oil Field

Summary:
Display range is from 0.00 to 15.00 MMBO
Entire range is from 0.52 to 19.97 MMBO
After 50,000 trials, the standard error of the mean is 0.01

Statistics:	Value
Trials	50000
Mean	5.01
Median	4.12
Mode	---
Standard Deviation	3.29
Variance	10.81
Skewness	1.60
Kurtosis	5.94
Coefficient of Variability	0.66
Range Minimum	0.52
Range Maximum	19.97
Range Width	19.45
Mean Standard Error	0.01

Forecast: Largest Oil Field

50,000 Trials   Frequency Chart   49,015 Displayed
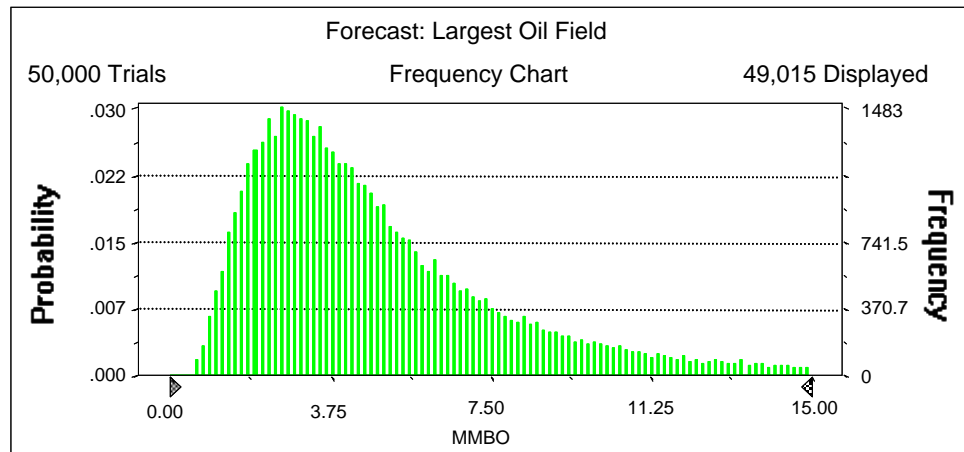
Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	0.52
95%	1.51
90%	1.88
85%	2.18
80%	2.45
75%	2.72
70%	2.97
65%	3.24
60%	3.52
55%	3.81
50%	4.12
45%	4.45
40%	4.81
35%	5.23
30%	5.71
25%	6.31
20%	7.04
15%	8.01
10%	9.41
5%	11.84
0%	19.97

End of Forecast

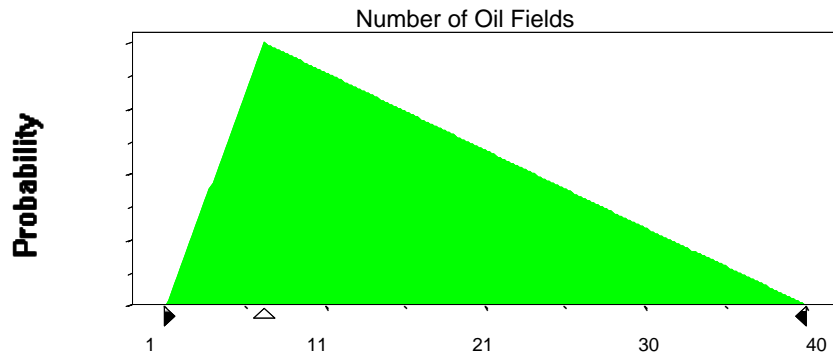## **Assumptions**

Assumption: Number of Oil Fields

Triangular distribution with parameters:
    Minimum   1
    Likeliest   7
    Maximum   40

Selected range is from 1 to 40

Number of Oil Fields

Assumption: Sizes of Oil Fields

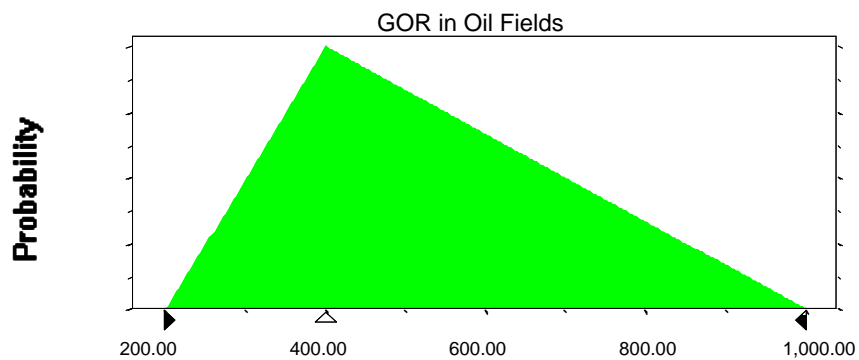| Lognormal distribution with parameters:		Shifted parameters	
Mean	1.01		1.51
Standard Deviation	1.77		1.77

Selected range is from 0.00 to 19.50   0.50 to 20.00

Assumption: Sizes of Oil Fields (cont'd)

Sizes of Oil Fields

0.01	4.39	8.77	13.15	17.53
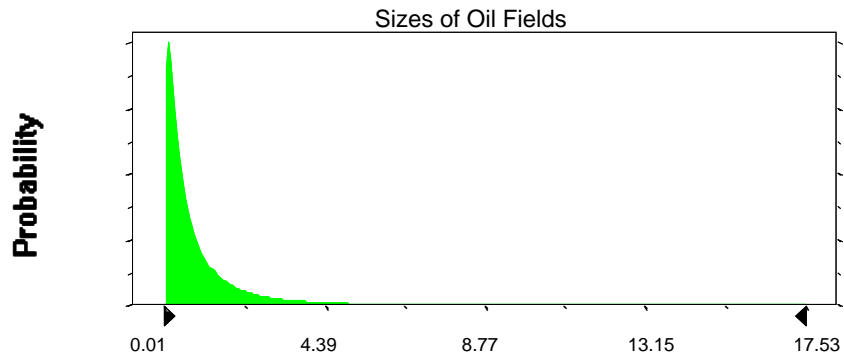
Assumption: GOR in Oil Fields

Triangular distribution with parameters:
Minimum	200.00
Likeliest	400.00
Maximum	1,000.00

Selected range is from 200.00 to 1,000.00

GOR in Oil Fields

200.00	400.00	600.00	800.00	1,000.00

Assumption: LGR in Oil Fields

Triangular distribution with parameters:
Minimum	20.00
Likeliest	40.00
Maximum	60.00

Selected range is from 20.00 to 60.00

LGR in Oil Fields
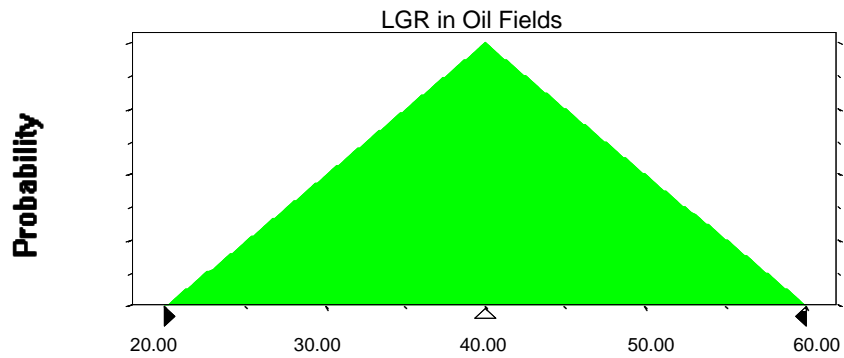
End of Assumptions

Simulation started on 11/24/03 at 17:39:15
Simulation stopped on 11/24/03 at 17:55:44