

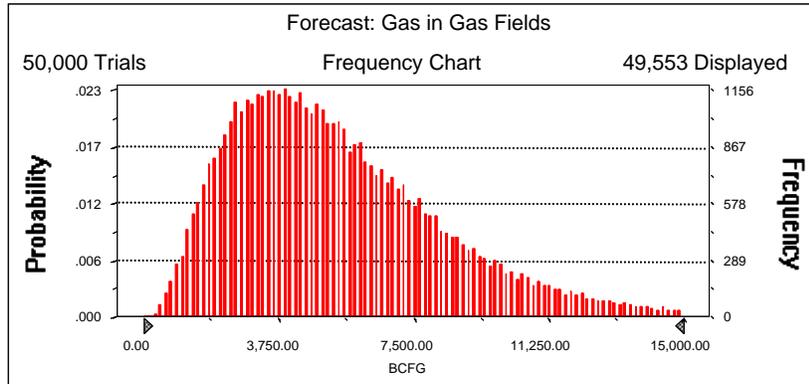
11540105  
Afghanistan Jurassic Evaporite Basin Subsalt Carbonates  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 15,000.00 BCFG  
Entire range is from 321.41 to 30,430.86 BCFG  
After 50,000 trials, the standard error of the mean is 13.47

Statistics:	Value
Trials	50000
Mean	5,473.50
Median	4,925.28
Mode	---
Standard Deviation	3,011.49
Variance	9,069,054.70
Skewness	1.08
Kurtosis	4.59
Coefficient of Variability	0.55
Range Minimum	321.41
Range Maximum	30,430.86
Range Width	30,109.45
Mean Standard Error	13.47



11540105  
Afghanistan Jurassic Evaporite Basin Subsalt Carbonates  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	321.41
95%	1,651.09
90%	2,141.23
85%	2,546.84
80%	2,898.09
75%	3,239.21
70%	3,567.67
65%	3,895.64
60%	4,229.13
55%	4,564.44
50%	4,925.28
45%	5,284.89
40%	5,670.42
35%	6,100.64
30%	6,585.84
25%	7,119.64
20%	7,734.61
15%	8,502.12
10%	9,535.68
5%	11,226.32
0%	30,430.86

End of Forecast

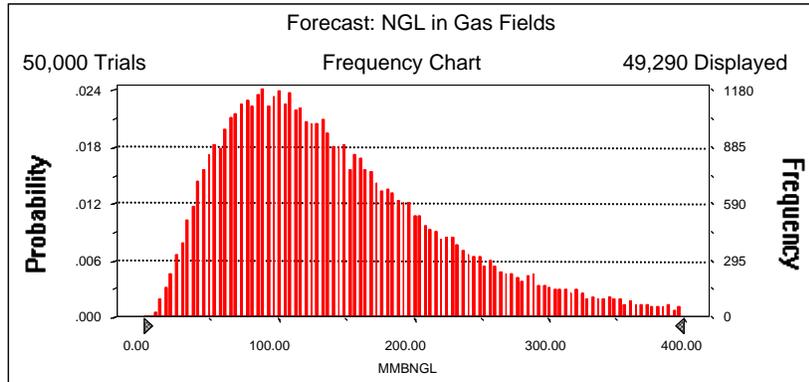
11540105  
Afghanistan Jurassic Evaporite Basin Subsalt Carbonates  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 400.00 MMBNGL  
Entire range is from 6.14 to 1,167.21 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.39

Statistics:	Value
Trials	50000
Mean	146.27
Median	128.23
Mode	---
Standard Deviation	86.69
Variance	7,515.70
Skewness	1.30
Kurtosis	5.70
Coefficient of Variability	0.59
Range Minimum	6.14
Range Maximum	1,167.21
Range Width	1,161.08
Mean Standard Error	0.39



11540105  
Afghanistan Jurassic Evaporite Basin Subsalt Carbonates  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	6.14
95%	41.24
90%	53.84
85%	64.70
80%	74.06
75%	83.06
70%	91.71
65%	100.66
60%	109.38
55%	118.44
50%	128.23
45%	138.32
40%	149.40
35%	161.47
30%	174.74
25%	190.13
20%	207.91
15%	230.76
10%	262.13
5%	314.74
0%	1,167.21

End of Forecast

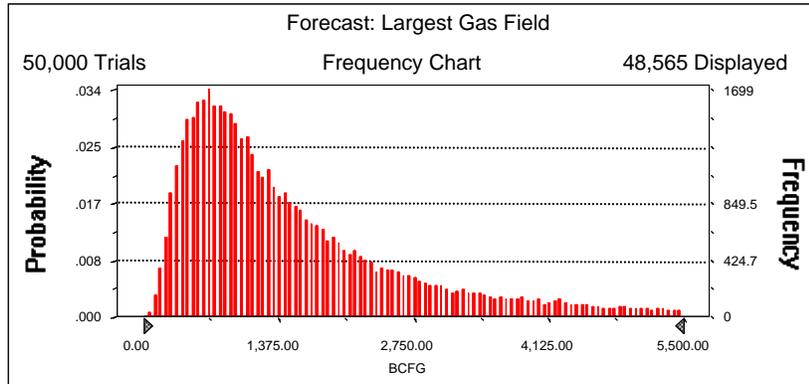
11540105  
Afghanistan Jurassic Evaporite Basin Subsalt Carbonates  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 5,500.00 BCFG  
Entire range is from 55.57 to 7,996.48 BCFG  
After 50,000 trials, the standard error of the mean is 6.12

Statistics:	Value
Trials	50000
Mean	1,648.88
Median	1,206.96
Mode	---
Standard Deviation	1,368.61
Variance	1,873,091.24
Skewness	1.84
Kurtosis	6.66
Coefficient of Variability	0.83
Range Minimum	55.57
Range Maximum	7,996.48
Range Width	7,940.90
Mean Standard Error	6.12



11540105  
Afghanistan Jurassic Evaporite Basin Subsalt Carbonates  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	55.57
95%	351.33
90%	457.53
85%	550.14
80%	635.48
75%	717.78
70%	804.40
65%	892.99
60%	986.64
55%	1,089.30
50%	1,206.96
45%	1,336.99
40%	1,484.16
35%	1,650.26
30%	1,848.54
25%	2,094.17
20%	2,410.11
15%	2,829.49
10%	3,485.08
5%	4,611.35
0%	7,996.48

End of Forecast

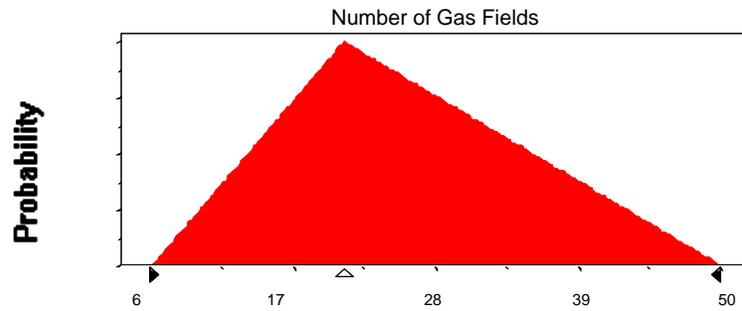
**Assumptions**

**Assumption: Number of Gas Fields**

Triangular distribution with parameters:

Minimum	6
Likeliest	21
Maximum	50

Selected range is from 6 to 50



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:

Mean	202.97
Standard Deviation	707.09

Shifted parameters

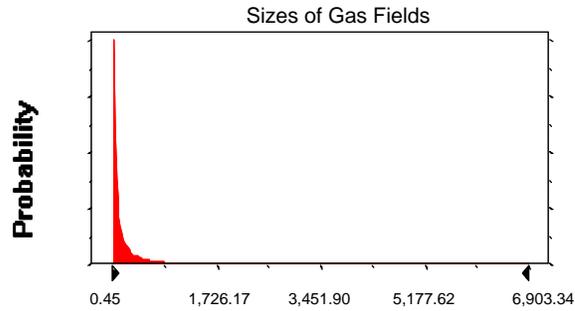
205.97
707.09

Selected range is from 0.00 to 7,976.00

3.00 to 7,979.00

11540105  
Afghanistan Jurassic Evaporite Basin Subsalt Carbonates  
Monte Carlo Results

**Assumption: Sizes of Gas Fields (cont'd)**

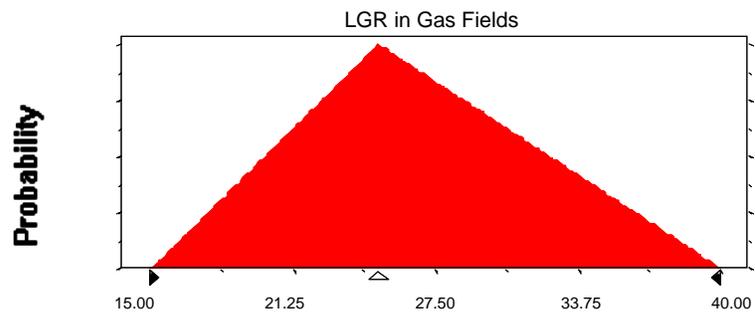


**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	15.00
Likeliest	25.00
Maximum	40.00

Selected range is from 15.00 to 40.00



End of Assumptions

Simulation started on 2/8/06 at 9:36:55  
Simulation stopped on 2/8/06 at 9:39:30

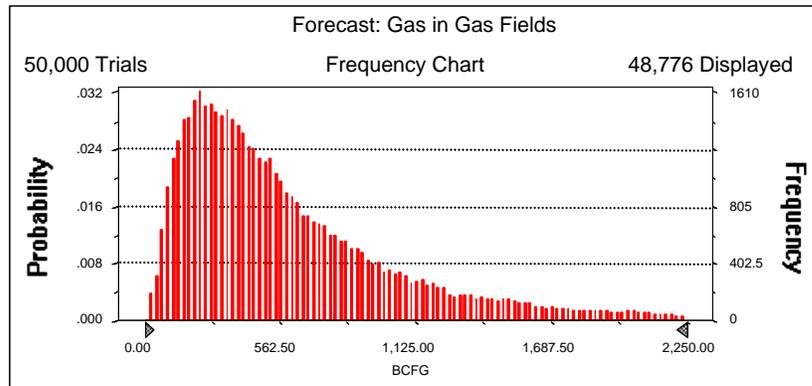
11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 2,250.00 BCFG  
Entire range is from 24.31 to 7,158.41 BCFG  
After 50,000 trials, the standard error of the mean is 2.57

Statistics:	Value
Trials	50000
Mean	648.87
Median	483.16
Mode	---
Standard Deviation	574.49
Variance	330,041.28
Skewness	2.51
Kurtosis	12.48
Coefficient of Variability	0.89
Range Minimum	24.31
Range Maximum	7,158.41
Range Width	7,134.09
Mean Standard Error	2.57



11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.31
95%	121.16
90%	165.79
85%	204.91
80%	240.33
75%	277.15
70%	315.19
65%	353.70
60%	393.22
55%	436.59
50%	483.16
45%	531.86
40%	587.60
35%	652.43
30%	730.26
25%	821.49
20%	931.45
15%	1,086.96
10%	1,320.31
5%	1,749.21
0%	7,158.41

End of Forecast

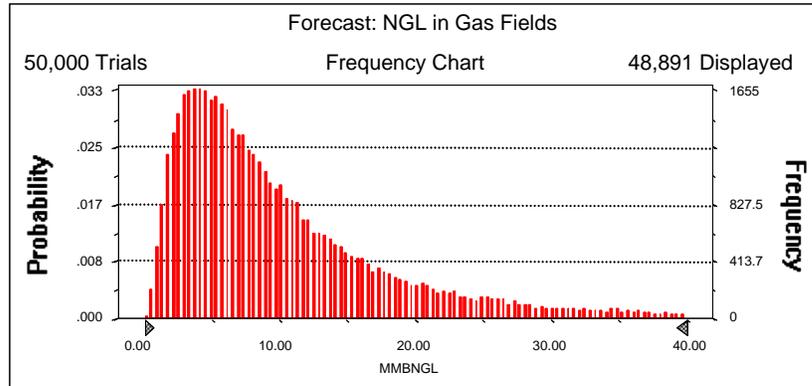
11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 40.00 MMBNGL  
Entire range is from 0.27 to 146.67 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.04

Statistics:	Value
Trials	50000
Mean	10.82
Median	7.89
Mode	---
Standard Deviation	9.99
Variance	99.77
Skewness	2.75
Kurtosis	15.20
Coefficient of Variability	0.92
Range Minimum	0.27
Range Maximum	146.67
Range Width	146.40
Mean Standard Error	0.04



11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.27
95%	1.93
90%	2.64
85%	3.27
80%	3.88
75%	4.48
70%	5.11
65%	5.72
60%	6.39
55%	7.11
50%	7.89
45%	8.75
40%	9.73
35%	10.82
30%	12.07
25%	13.63
20%	15.57
15%	18.17
10%	22.22
5%	29.63
0%	146.67

End of Forecast

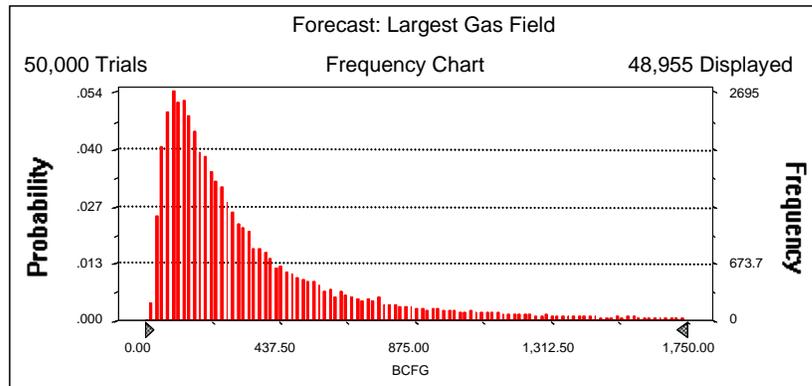
11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 1,750.00 BCFG  
Entire range is from 24.31 to 3,992.99 BCFG  
After 50,000 trials, the standard error of the mean is 1.93

Statistics:	Value
Trials	50000
Mean	377.67
Median	236.22
Mode	---
Standard Deviation	432.42
Variance	186,987.44
Skewness	3.31
Kurtosis	18.09
Coefficient of Variability	1.14
Range Minimum	24.31
Range Maximum	3,992.99
Range Width	3,968.68
Mean Standard Error	1.93



11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.31
95%	62.47
90%	80.64
85%	97.43
80%	114.42
75%	130.81
70%	148.71
65%	167.04
60%	188.55
55%	211.03
50%	236.22
45%	264.25
40%	297.45
35%	336.61
30%	384.48
25%	446.14
20%	527.02
15%	639.68
10%	815.85
5%	1,184.40
0%	3,992.99

End of Forecast

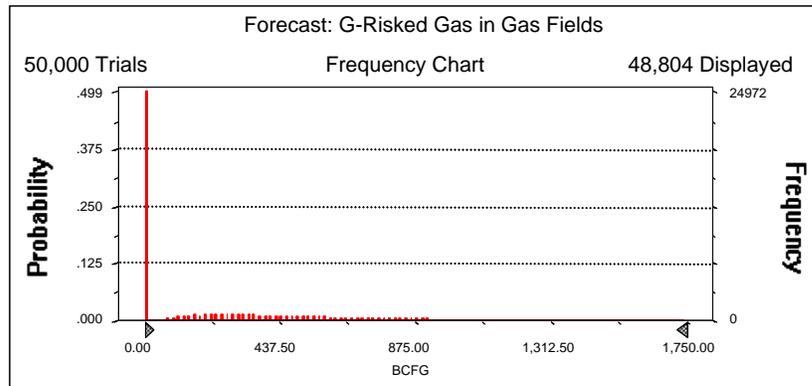
11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: G-Risked Gas in Gas Fields**

Summary:

Display range is from 0.00 to 1,750.00 BCFG  
Entire range is from 0.00 to 7,158.41 BCFG  
After 50,000 trials, the standard error of the mean is 2.31

Statistics:	Value
Trials	50000
Mean	324.06
Median	29.94
Mode	0.00
Standard Deviation	515.85
Variance	266,099.09
Skewness	2.76
Kurtosis	14.41
Coefficient of Variability	1.59
Range Minimum	0.00
Range Maximum	7,158.41
Range Width	7,158.41
Mean Standard Error	2.31



11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
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%	29.94
45%	167.16
40%	241.26
35%	315.64
30%	392.33
25%	482.37
20%	585.85
15%	733.06
10%	934.02
5%	1,330.03
0%	7,158.41

End of Forecast

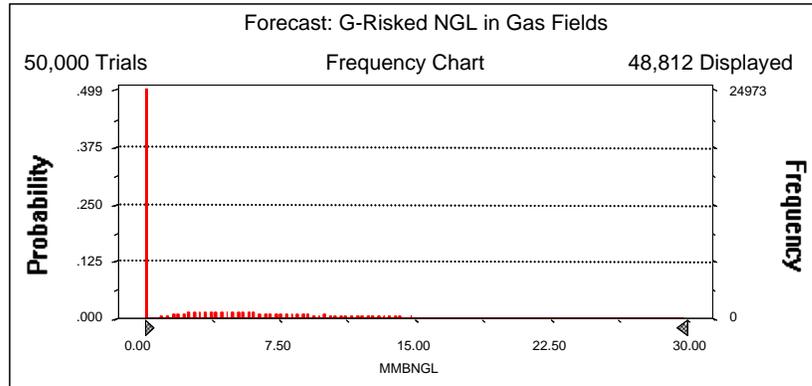
11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: G-Risked NGL in Gas Fields**

Summary:

Display range is from 0.00 to 30.00 MMBNGL  
Entire range is from 0.00 to 146.67 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.04

Statistics:	Value
Trials	50000
Mean	5.41
Median	0.49
Mode	0.00
Standard Deviation	8.86
Variance	78.52
Skewness	3.11
Kurtosis	19.02
Coefficient of Variability	1.64
Range Minimum	0.00
Range Maximum	146.67
Range Width	146.67
Mean Standard Error	0.04



11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Forecast: G-Risked 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%	0.49
45%	2.65
40%	3.89
35%	5.11
30%	6.39
25%	7.91
20%	9.76
15%	12.07
10%	15.61
5%	22.23
0%	146.67

End of Forecast

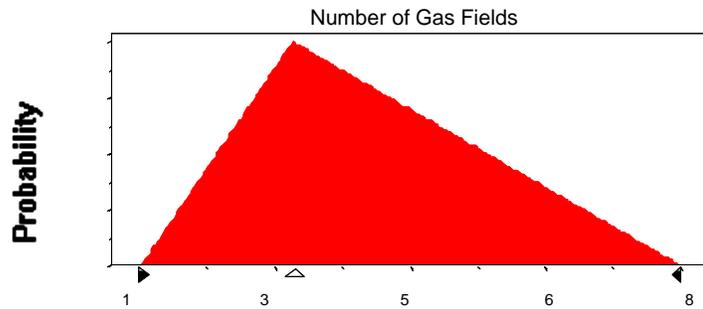
**Assumptions**

**Assumption: Number of Gas Fields**

Triangular distribution with parameters:

Minimum	1
Likeliest	3
Maximum	8

Selected range is from 1 to 8



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:

Mean	145.02
Standard Deviation	346.42

Shifted parameters

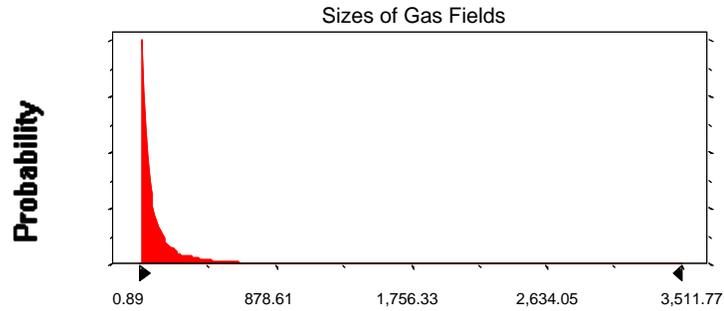
148.02
346.42

Selected range is from 0.00 to 3,976.00

3.00 to 3,979.00

11540106  
Afghanistan Jurassic Evaporite Basin Suprasalt Anticlines  
Monte Carlo Results

**Assumption: Sizes of Gas Fields (cont'd)**

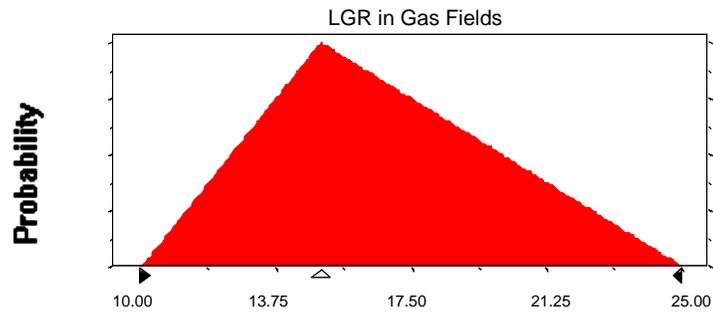


**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	10.00
Likeliest	15.00
Maximum	25.00

Selected range is from 10.00 to 25.00



End of Assumptions

Simulation started on 2/8/06 at 9:51:24  
Simulation stopped on 2/8/06 at 9:52:53

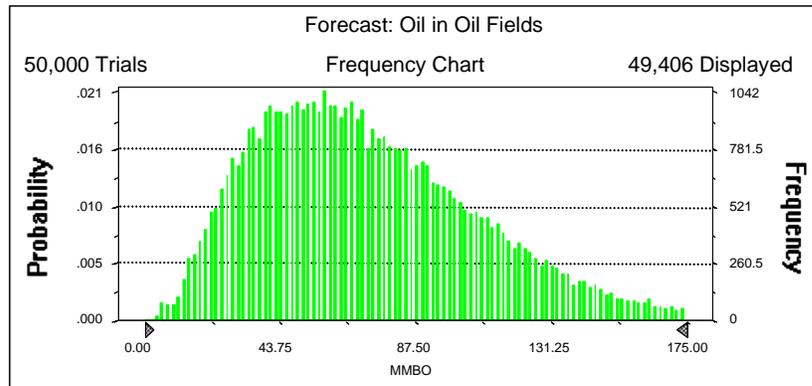
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Oil in Oil Fields**

Summary:

Display range is from 0.00 to 175.00 MMBO  
Entire range is from 4.42 to 291.36 MMBO  
After 50,000 trials, the standard error of the mean is 0.17

Statistics:	Value
Trials	50000
Mean	73.03
Median	67.47
Mode	---
Standard Deviation	36.97
Variance	1,366.55
Skewness	0.81
Kurtosis	3.71
Coefficient of Variability	0.51
Range Minimum	4.42
Range Maximum	291.36
Range Width	286.94
Mean Standard Error	0.17



11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Oil in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBO</u>
100%	4.42
95%	23.13
90%	30.05
85%	35.55
80%	40.45
75%	45.02
70%	49.57
65%	54.01
60%	58.51
55%	62.88
50%	67.47
45%	72.08
40%	77.39
35%	82.89
30%	88.82
25%	95.28
20%	102.86
15%	111.84
10%	123.24
5%	141.36
0%	291.36

End of Forecast

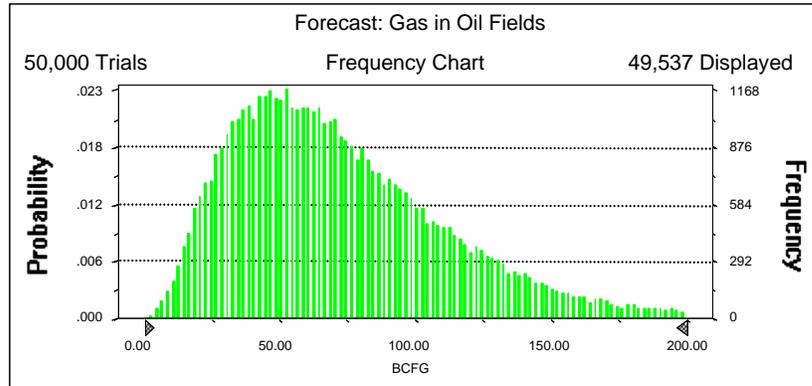
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Gas in Oil Fields**

Summary:

Display range is from 0.00 to 200.00 BCFG  
Entire range is from 3.13 to 375.65 BCFG  
After 50,000 trials, the standard error of the mean is 0.18

Statistics:	Value
Trials	50000
Mean	73.05
Median	65.60
Mode	---
Standard Deviation	40.62
Variance	1,649.76
Skewness	1.06
Kurtosis	4.53
Coefficient of Variability	0.56
Range Minimum	3.13
Range Maximum	375.65
Range Width	372.52
Mean Standard Error	0.18



11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Gas in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	3.13
95%	21.33
90%	28.06
85%	33.46
80%	38.26
75%	42.96
70%	47.24
65%	51.74
60%	56.24
55%	60.88
50%	65.60
45%	70.48
40%	75.79
35%	81.64
30%	88.14
25%	95.44
20%	103.73
15%	114.29
10%	127.98
5%	149.60
0%	375.65

End of Forecast

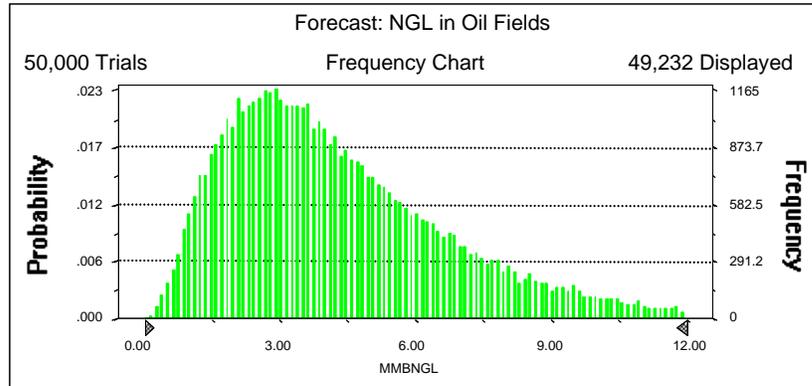
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: NGL in Oil Fields**

Summary:

Display range is from 0.00 to 12.00 MMBNGL  
Entire range is from 0.12 to 28.11 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.01

Statistics:	Value
Trials	50000
Mean	4.39
Median	3.82
Mode	---
Standard Deviation	2.64
Variance	6.99
Skewness	1.28
Kurtosis	5.41
Coefficient of Variability	0.60
Range Minimum	0.12
Range Maximum	28.11
Range Width	28.00
Mean Standard Error	0.01



11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: NGL in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.12
95%	1.19
90%	1.58
85%	1.90
80%	2.18
75%	2.46
70%	2.73
65%	2.99
60%	3.26
55%	3.53
50%	3.82
45%	4.14
40%	4.48
35%	4.85
30%	5.26
25%	5.74
20%	6.30
15%	6.98
10%	7.93
5%	9.49
0%	28.11

End of Forecast

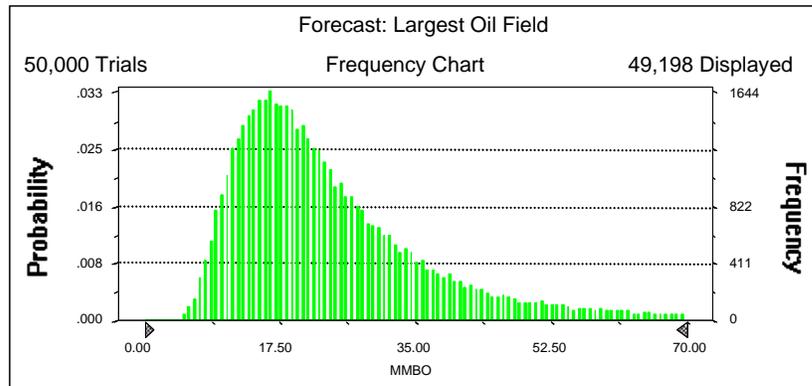
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Largest Oil Field**

Summary:

Display range is from 0.00 to 70.00 MMBO  
Entire range is from 4.42 to 99.83 MMBO  
After 50,000 trials, the standard error of the mean is 0.06

Statistics:	Value
Trials	50000
Mean	24.64
Median	21.01
Mode	---
Standard Deviation	13.85
Variance	191.78
Skewness	1.79
Kurtosis	7.21
Coefficient of Variability	0.56
Range Minimum	4.42
Range Maximum	99.83
Range Width	95.42
Mean Standard Error	0.06



11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Largest Oil Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBO</u>
100%	4.42
95%	9.90
90%	11.59
85%	12.91
80%	14.12
75%	15.25
70%	16.36
65%	17.46
60%	18.60
55%	19.76
50%	21.01
45%	22.38
40%	23.87
35%	25.60
30%	27.54
25%	29.91
20%	32.74
15%	36.48
10%	42.07
5%	52.65
0%	99.83

End of Forecast

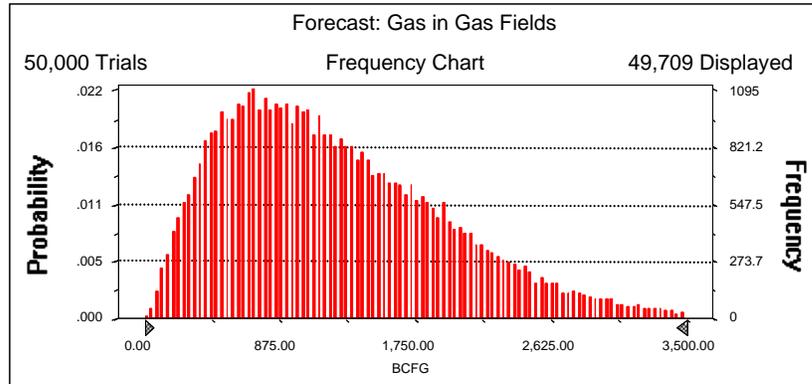
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 3,500.00 BCFG  
Entire range is from 28.01 to 5,541.58 BCFG  
After 50,000 trials, the standard error of the mean is 3.23

Statistics:	Value
Trials	50000
Mean	1,246.06
Median	1,123.45
Mode	---
Standard Deviation	721.22
Variance	520,164.02
Skewness	0.83
Kurtosis	3.57
Coefficient of Variability	0.58
Range Minimum	28.01
Range Maximum	5,541.58
Range Width	5,513.56
Mean Standard Error	3.23



11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	28.01
95%	298.62
90%	417.49
85%	512.06
80%	602.89
75%	687.76
70%	771.15
65%	855.87
60%	941.12
55%	1,032.26
50%	1,123.45
45%	1,219.81
40%	1,324.23
35%	1,433.90
30%	1,555.72
25%	1,691.76
20%	1,839.66
15%	2,014.01
10%	2,242.70
5%	2,594.76
0%	5,541.58

End of Forecast

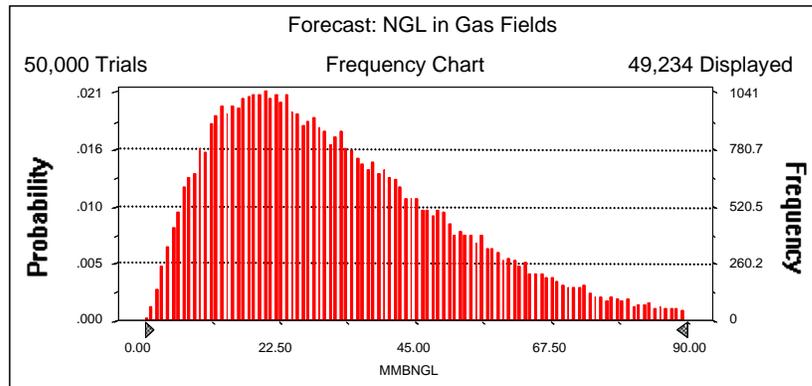
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 90.00 MMBNGL  
Entire range is from 0.50 to 153.02 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.09

Statistics:	Value
Trials	50000
Mean	33.19
Median	29.17
Mode	---
Standard Deviation	20.57
Variance	423.03
Skewness	1.08
Kurtosis	4.46
Coefficient of Variability	0.62
Range Minimum	0.50
Range Maximum	153.02
Range Width	152.51
Mean Standard Error	0.09



11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.50
95%	7.47
90%	10.61
85%	13.06
80%	15.39
75%	17.63
70%	19.83
65%	22.05
60%	24.25
55%	26.68
50%	29.17
45%	31.81
40%	34.56
35%	37.65
30%	40.94
25%	44.72
20%	49.09
15%	54.35
10%	61.22
5%	72.26
0%	153.02

End of Forecast

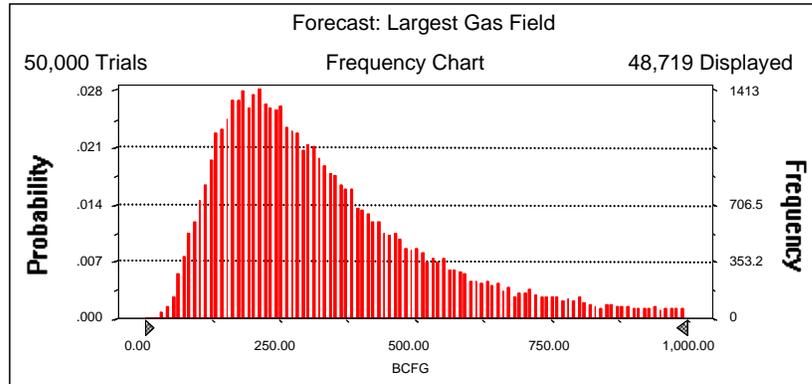
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 1,000.00 BCFG  
Entire range is from 28.01 to 1,498.64 BCFG  
After 50,000 trials, the standard error of the mean is 1.04

Statistics:	Value
Trials	50000
Mean	351.73
Median	289.52
Mode	---
Standard Deviation	231.90
Variance	53,777.58
Skewness	1.72
Kurtosis	6.65
Coefficient of Variability	0.66
Range Minimum	28.01
Range Maximum	1,498.64
Range Width	1,470.62
Mean Standard Error	1.04



11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	28.01
95%	106.55
90%	133.55
85%	155.22
80%	173.93
75%	192.03
70%	210.53
65%	228.93
60%	248.03
55%	267.89
50%	289.52
45%	312.87
40%	338.05
35%	366.92
30%	399.44
25%	439.21
20%	489.73
15%	554.50
10%	650.76
5%	825.42
0%	1,498.64

End of Forecast

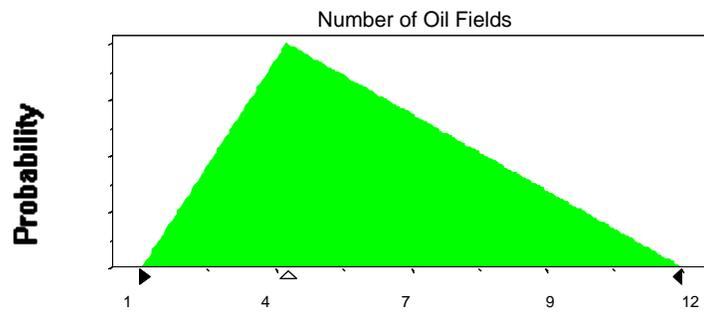
**Assumptions**

**Assumption: Number of Oil Fields**

Triangular distribution with parameters:

Minimum	1
Likeliest	4
Maximum	12

Selected range is from 1 to 12



**Assumption: Sizes of Oil Fields**

Lognormal distribution with parameters:

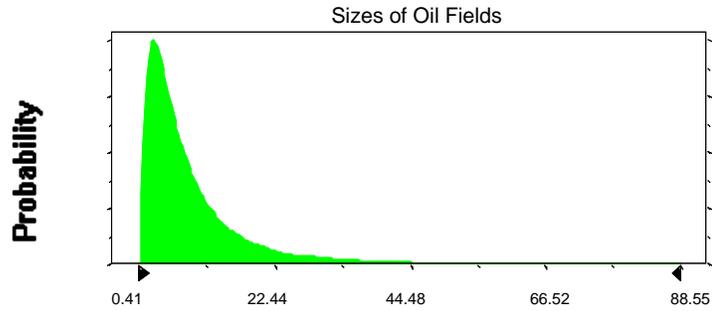
Mean	8.97	Shifted parameters	9.47
Standard Deviation	9.98		9.98

Selected range is from 0.00 to 96.00

0.50 to 96.50

11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Assumption: Sizes of Oil Fields (cont'd)**

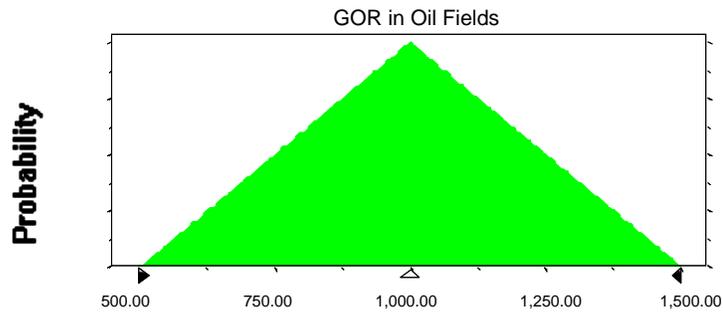


**Assumption: GOR in Oil Fields**

Triangular distribution with parameters:

Minimum	500.00
Likeliest	1,000.00
Maximum	1,500.00

Selected range is from 500.00 to 1,500.00



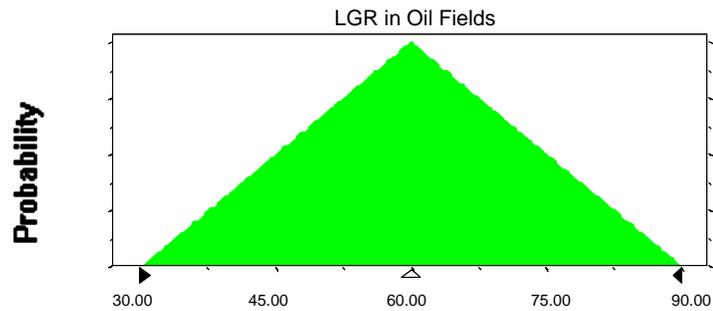
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Assumption: LGR in Oil Fields**

Triangular distribution with parameters:

Minimum	30.00
Likeliest	60.00
Maximum	90.00

Selected range is from 30.00 to 90.00



**Assumption: Number of Gas Fields**

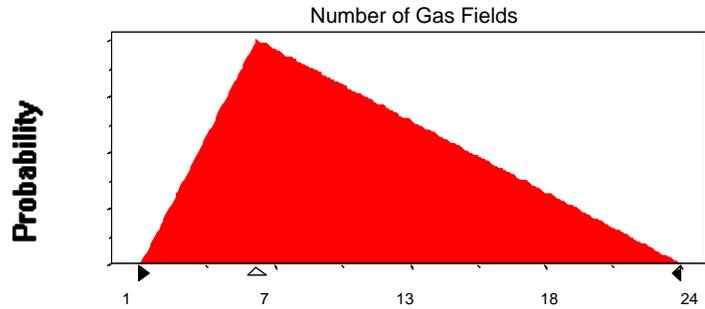
Triangular distribution with parameters:

Minimum	1
Likeliest	6
Maximum	24

Selected range is from 1 to 24

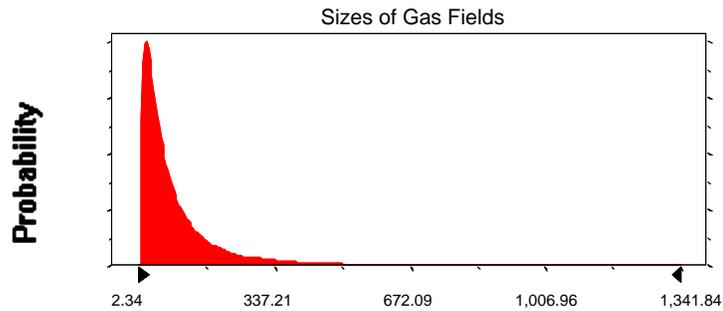
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Assumption: Number of Gas Fields (cont'd)**



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:	Shifted parameters	
Mean	98.09	101.09
Standard Deviation	141.07	141.07
Selected range is from 0.00 to 1,476.00	3.00 to 1,479.00	



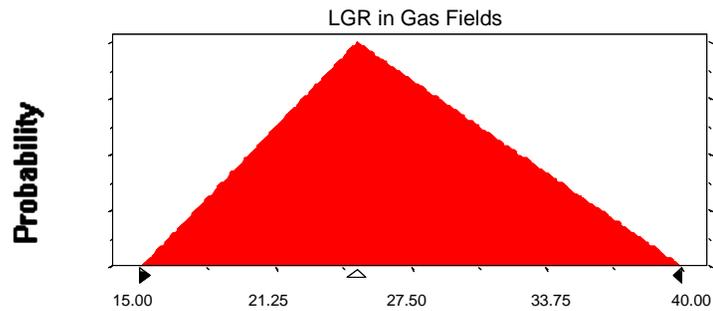
11540107  
Afghanistan Jurassic Evaporite Basin Margin  
Monte Carlo Results

**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	15.00
Likeliest	25.00
Maximum	40.00

Selected range is from 15.00 to 40.00



End of Assumptions

Simulation started on 2/8/06 at 9:56:52  
Simulation stopped on 2/8/06 at 9:59:14

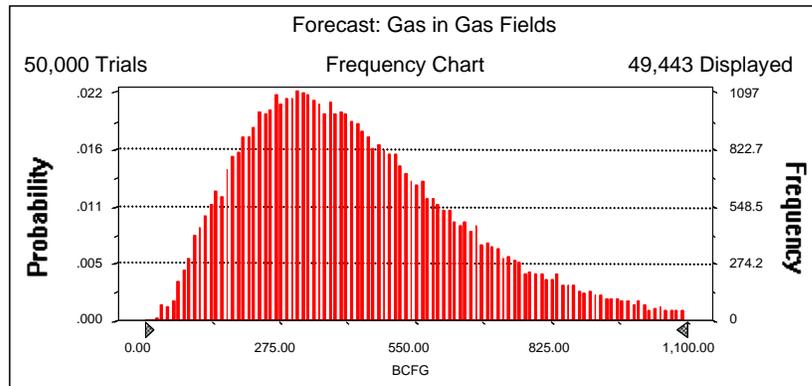
11540201  
Afghanistan Kushka Zone  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 1,100.00 BCFG  
Entire range is from 24.80 to 1,953.41 BCFG  
After 50,000 trials, the standard error of the mean is 1.02

Statistics:	Value
Trials	50000
Mean	436.40
Median	398.49
Mode	---
Standard Deviation	228.59
Variance	52,251.88
Skewness	0.99
Kurtosis	4.37
Coefficient of Variability	0.52
Range Minimum	24.80
Range Maximum	1,953.41
Range Width	1,928.61
Mean Standard Error	1.02



11540201  
Afghanistan Kushka Zone  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.80
95%	135.32
90%	178.43
85%	211.37
80%	240.64
75%	267.71
70%	293.78
65%	319.15
60%	344.57
55%	371.39
50%	398.49
45%	426.35
40%	456.11
35%	489.13
30%	523.84
25%	564.18
20%	611.05
15%	667.96
10%	744.35
5%	868.73
0%	1,953.41

End of Forecast

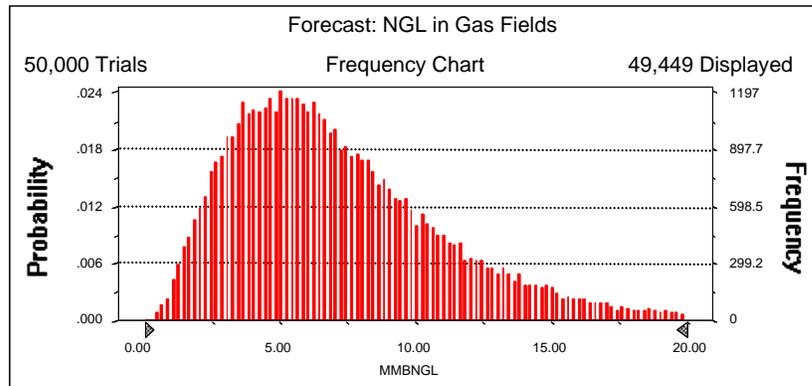
11540201  
Afghanistan Kushka Zone  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 20.00 MMBNGL  
Entire range is from 0.31 to 38.36 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.02

Statistics:	Value
Trials	50000
Mean	7.27
Median	6.47
Mode	---
Standard Deviation	4.11
Variance	16.91
Skewness	1.22
Kurtosis	5.35
Coefficient of Variability	0.57
Range Minimum	0.31
Range Maximum	38.36
Range Width	38.05
Mean Standard Error	0.02



11540201  
Afghanistan Kushka Zone  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.31
95%	2.15
90%	2.81
85%	3.36
80%	3.82
75%	4.27
70%	4.72
65%	5.16
60%	5.59
55%	6.02
50%	6.47
45%	6.95
40%	7.48
35%	8.06
30%	8.68
25%	9.40
20%	10.26
15%	11.31
10%	12.77
5%	15.10
0%	38.36

End of Forecast

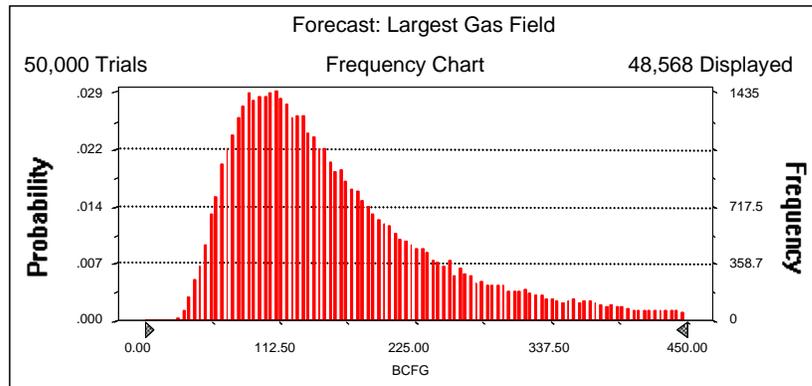
11540201  
Afghanistan Kushka Zone  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 450.00 BCFG  
Entire range is from 24.80 to 799.88 BCFG  
After 50,000 trials, the standard error of the mean is 0.48

Statistics:	Value
Trials	50000
Mean	169.64
Median	139.99
Mode	---
Standard Deviation	106.95
Variance	11,437.49
Skewness	1.99
Kurtosis	8.36
Coefficient of Variability	0.63
Range Minimum	24.80
Range Maximum	799.88
Range Width	775.08
Mean Standard Error	0.48



11540201  
Afghanistan Kushka Zone  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.80
95%	61.69
90%	72.95
85%	81.89
80%	89.95
75%	98.04
70%	106.06
65%	113.89
60%	122.10
55%	130.87
50%	139.99
45%	150.22
40%	161.54
35%	174.14
30%	188.83
25%	206.74
20%	229.24
15%	258.60
10%	303.32
5%	382.29
0%	799.88

End of Forecast

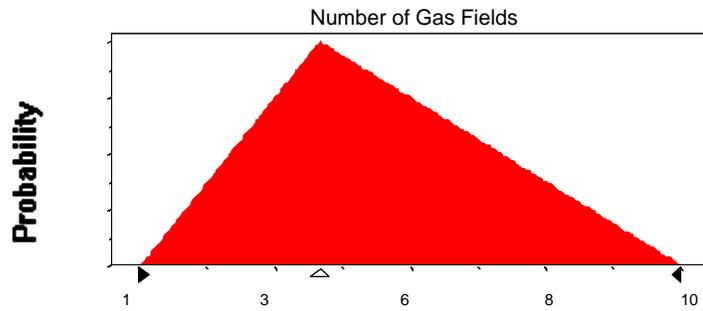
**Assumptions**

**Assumption: Number of Gas Fields**

Triangular distribution with parameters:

Minimum	1
Likeliest	4
Maximum	10

Selected range is from 1 to 10



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:

Mean	64.48
Standard Deviation	78.27

Shifted parameters

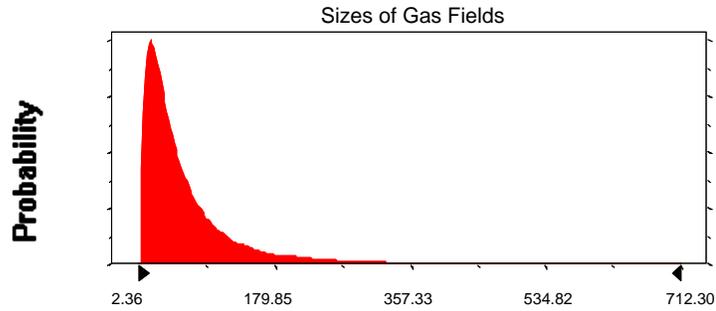
67.48
78.27

Selected range is from 0.00 to 776.00

3.00 to 779.00

11540201  
Afghanistan Kushka Zone  
Monte Carlo Results

**Assumption: Sizes of Gas Fields (cont'd)**

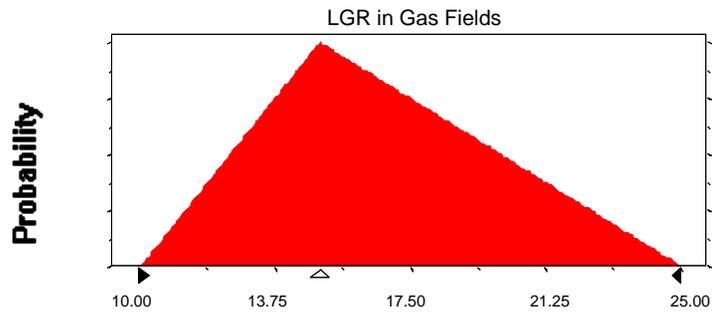


**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	10.00
Likeliest	15.00
Maximum	25.00

Selected range is from 10.00 to 25.00



End of Assumptions

Simulation started on 2/8/06 at 10:02:51  
Simulation stopped on 2/8/06 at 10:04:27

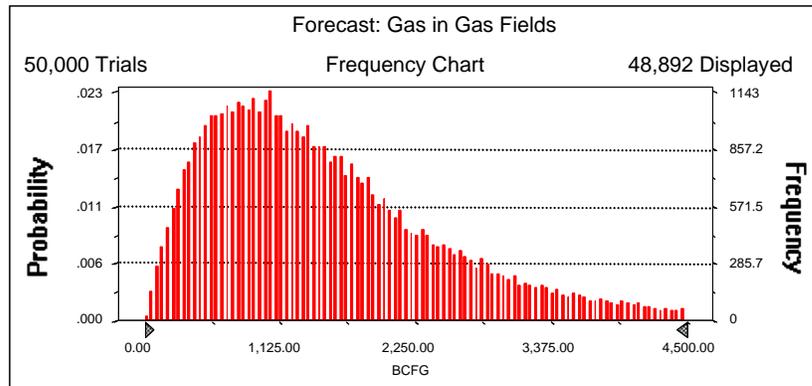
11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 4,500.00 BCFG  
Entire range is from 24.42 to 10,825.83 BCFG  
After 50,000 trials, the standard error of the mean is 4.85

Statistics:	Value
Trials	50000
Mean	1,569.38
Median	1,327.04
Mode	---
Standard Deviation	1,085.48
Variance	1,178,273.85
Skewness	1.46
Kurtosis	6.12
Coefficient of Variability	0.69
Range Minimum	24.42
Range Maximum	10,825.83
Range Width	10,801.41
Mean Standard Error	4.85



11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.42
95%	314.90
90%	453.23
85%	569.89
80%	678.83
75%	784.88
70%	889.79
65%	994.46
60%	1,095.67
55%	1,208.46
50%	1,327.04
45%	1,448.29
40%	1,582.70
35%	1,725.11
30%	1,882.63
25%	2,070.10
20%	2,307.08
15%	2,599.79
10%	2,990.97
5%	3,698.43
0%	10,825.83

End of Forecast

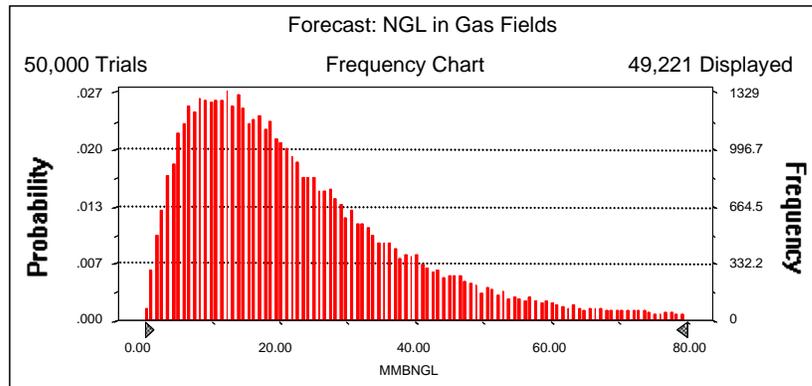
11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 80.00 MMBNGL  
Entire range is from 0.22 to 192.40 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.08

Statistics:	Value
Trials	50000
Mean	23.57
Median	19.06
Mode	---
Standard Deviation	18.01
Variance	324.41
Skewness	1.77
Kurtosis	7.83
Coefficient of Variability	0.76
Range Minimum	0.22
Range Maximum	192.40
Range Width	192.18
Mean Standard Error	0.08



11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.22
95%	4.13
90%	6.05
85%	7.69
80%	9.30
75%	10.84
70%	12.43
65%	13.95
60%	15.57
55%	17.28
50%	19.06
45%	20.95
40%	23.04
35%	25.42
30%	28.08
25%	31.13
20%	34.95
15%	39.79
10%	46.53
5%	58.49
0%	192.40

End of Forecast

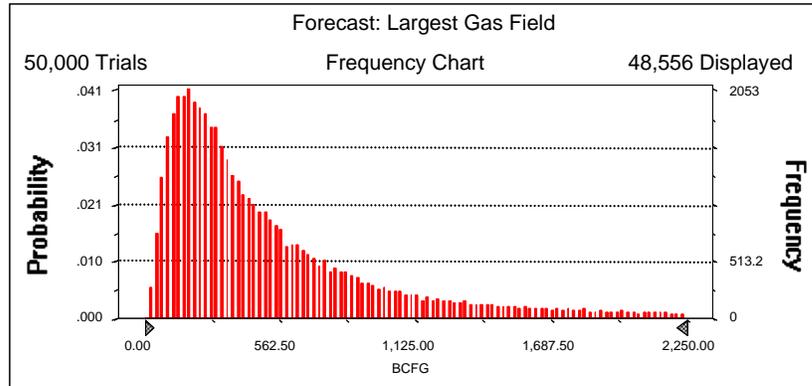
11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 2,250.00 BCFG  
Entire range is from 24.42 to 3,997.21 BCFG  
After 50,000 trials, the standard error of the mean is 2.63

Statistics:	Value
Trials	50000
Mean	577.82
Median	379.71
Mode	---
Standard Deviation	588.17
Variance	345,945.48
Skewness	2.45
Kurtosis	10.29
Coefficient of Variability	1.02
Range Minimum	24.42
Range Maximum	3,997.21
Range Width	3,972.79
Mean Standard Error	2.63



11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.42
95%	92.82
90%	125.73
85%	154.38
80%	182.50
75%	210.16
70%	239.66
65%	270.16
60%	302.89
55%	338.08
50%	379.71
45%	426.96
40%	480.69
35%	541.68
30%	617.54
25%	709.33
20%	829.93
15%	997.99
10%	1,275.74
5%	1,800.57
0%	3,997.21

End of Forecast

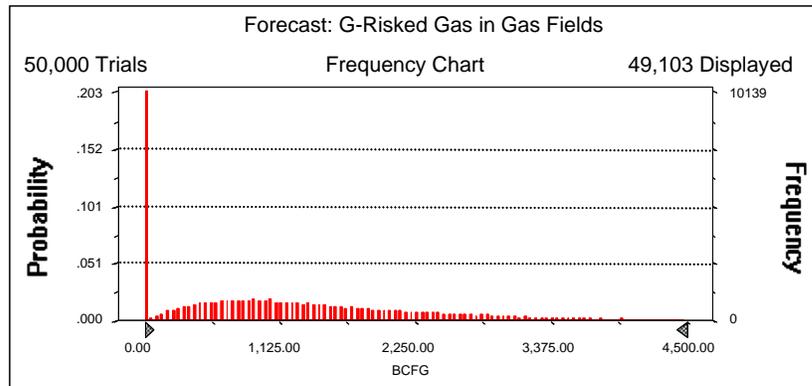
11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: G-Risked Gas in Gas Fields**

Summary:

Display range is from 0.00 to 4,500.00 BCFG  
Entire range is from 0.00 to 10,825.83 BCFG  
After 50,000 trials, the standard error of the mean is 5.17

Statistics:	Value
Trials	50000
Mean	1,249.28
Median	1,037.20
Mode	0.00
Standard Deviation	1,155.33
Variance	1,334,778.41
Skewness	1.31
Kurtosis	5.45
Coefficient of Variability	0.92
Range Minimum	0.00
Range Maximum	10,825.83
Range Width	10,825.83
Mean Standard Error	5.17



11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: G-Risk 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%	343.81
70%	504.34
65%	643.85
60%	776.55
55%	907.51
50%	1,037.20
45%	1,171.15
40%	1,317.42
35%	1,475.86
30%	1,642.03
25%	1,834.94
20%	2,061.70
15%	2,363.78
10%	2,770.33
5%	3,470.18
0%	10,825.83

End of Forecast

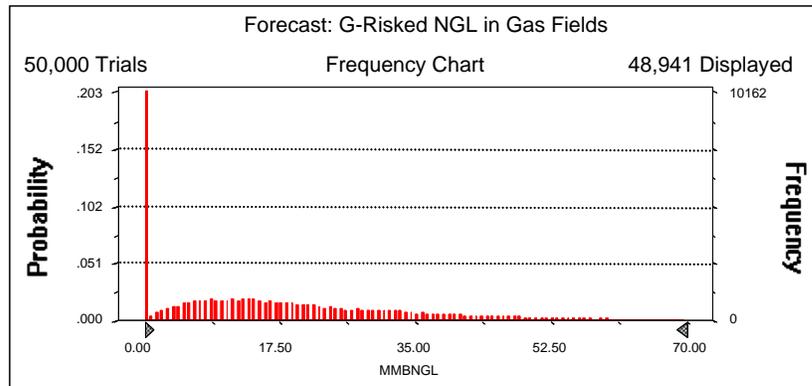
11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: G-Risked NGL in Gas Fields**

Summary:

Display range is from 0.00 to 70.00 MMBNGL  
Entire range is from 0.00 to 192.40 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.08

Statistics:	Value
Trials	50000
Mean	18.76
Median	14.65
Mode	0.00
Standard Deviation	18.63
Variance	346.95
Skewness	1.65
Kurtosis	7.22
Coefficient of Variability	0.99
Range Minimum	0.00
Range Maximum	192.40
Range Width	192.40
Mean Standard Error	0.08



11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Forecast: G-Riskd 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%	4.56
70%	6.82
65%	8.80
60%	10.76
55%	12.70
50%	14.65
45%	16.78
40%	18.97
35%	21.34
30%	24.09
25%	27.31
20%	31.01
15%	35.89
10%	42.78
5%	54.33
0%	192.40

End of Forecast

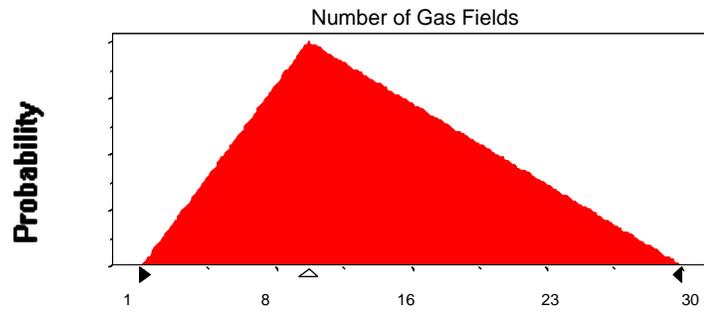
**Assumptions**

**Assumption: Number of Gas Fields**

Triangular distribution with parameters:

Minimum	1
Likeliest	10
Maximum	30

Selected range is from 1 to 30



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:

Mean	97.81
Standard Deviation	354.68

Shifted parameters

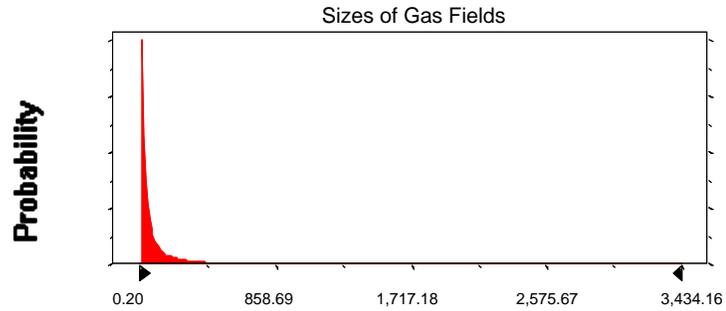
100.81
354.68

Selected range is from 0.00 to 3,976.00

3.00 to 3,979.00

11560101  
Afghanistan Subsalt Oxfordian Shelf  
Monte Carlo Results

**Assumption: Sizes of Gas Fields (cont'd)**

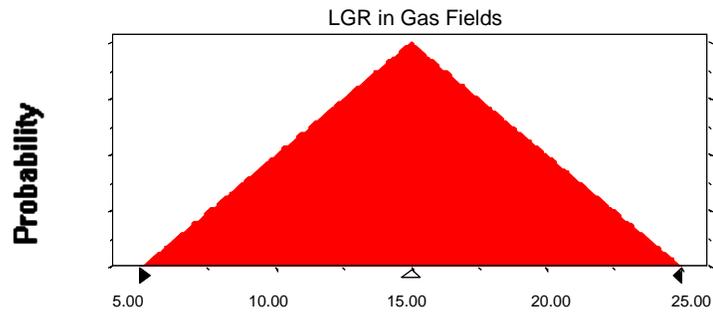


**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	5.00
Likeliest	15.00
Maximum	25.00

Selected range is from 5.00 to 25.00



End of Assumptions

Simulation started on 2/8/06 at 10:07:42  
Simulation stopped on 2/8/06 at 10:09:40

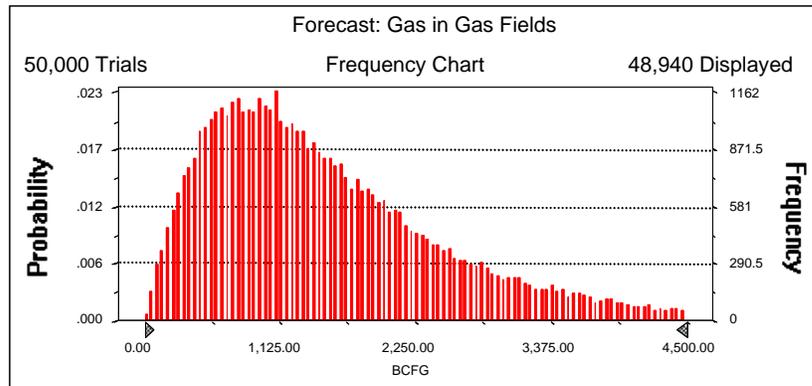
11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 4,500.00 BCFG  
Entire range is from 25.25 to 11,836.70 BCFG  
After 50,000 trials, the standard error of the mean is 4.84

Statistics:	Value
Trials	50000
Mean	1,566.04
Median	1,314.84
Mode	---
Standard Deviation	1,082.44
Variance	1,171,675.38
Skewness	1.46
Kurtosis	6.16
Coefficient of Variability	0.69
Range Minimum	25.25
Range Maximum	11,836.70
Range Width	11,811.45
Mean Standard Error	4.84



11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	25.25
95%	316.09
90%	458.04
85%	572.77
80%	678.11
75%	780.83
70%	885.53
65%	988.88
60%	1,091.87
55%	1,198.46
50%	1,314.84
45%	1,438.10
40%	1,572.06
35%	1,720.45
30%	1,886.07
25%	2,073.32
20%	2,300.86
15%	2,593.64
10%	3,014.51
5%	3,687.59
0%	11,836.70

End of Forecast

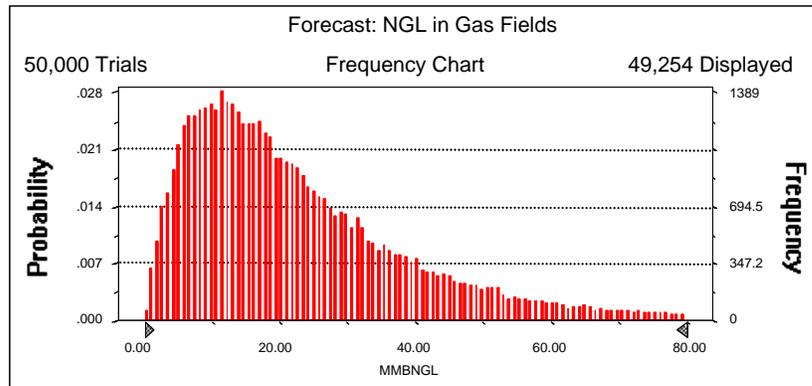
11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 80.00 MMBNGL  
Entire range is from 0.28 to 185.11 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.08

Statistics:	Value
Trials	50000
Mean	23.57
Median	18.84
Mode	---
Standard Deviation	18.12
Variance	328.15
Skewness	1.77
Kurtosis	7.87
Coefficient of Variability	0.77
Range Minimum	0.28
Range Maximum	185.11
Range Width	184.82
Mean Standard Error	0.08



11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.28
95%	4.18
90%	6.07
85%	7.70
80%	9.25
75%	10.80
70%	12.28
65%	13.79
60%	15.42
55%	17.10
50%	18.84
45%	20.82
40%	22.94
35%	25.32
30%	28.03
25%	31.25
20%	35.15
15%	40.10
10%	47.14
5%	59.08
0%	185.11

End of Forecast

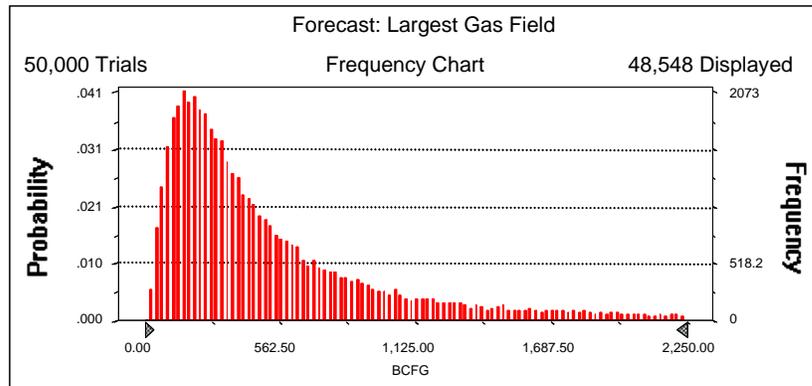
11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 2,250.00 BCFG  
Entire range is from 25.25 to 3,998.82 BCFG  
After 50,000 trials, the standard error of the mean is 2.64

Statistics:	Value
Trials	50000
Mean	576.51
Median	376.20
Mode	---
Standard Deviation	589.46
Variance	347,458.38
Skewness	2.45
Kurtosis	10.29
Coefficient of Variability	1.02
Range Minimum	25.25
Range Maximum	3,998.82
Range Width	3,973.57
Mean Standard Error	2.64



11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	25.25
95%	92.59
90%	125.64
85%	155.04
80%	182.51
75%	210.49
70%	238.60
65%	269.07
60%	301.44
55%	336.27
50%	376.20
45%	422.10
40%	474.03
35%	536.13
30%	611.39
25%	706.09
20%	829.46
15%	1,000.53
10%	1,277.65
5%	1,807.57
0%	3,998.82

End of Forecast

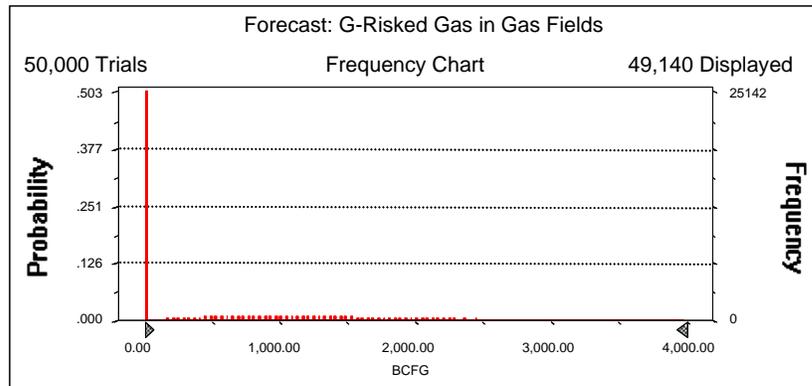
11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: G-Risked Gas in Gas Fields**

Summary:

Display range is from 0.00 to 4,000.00 BCFG  
Entire range is from 0.00 to 9,664.23 BCFG  
After 50,000 trials, the standard error of the mean is 4.88

Statistics:	Value
Trials	50000
Mean	777.81
Median	0.00
Mode	0.00
Standard Deviation	1,090.11
Variance	1,188,344.74
Skewness	1.73
Kurtosis	6.53
Coefficient of Variability	1.40
Range Minimum	0.00
Range Maximum	9,664.23
Range Width	9,664.23
Mean Standard Error	4.88



11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: G-Risk 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%	440.87
40%	665.31
35%	875.86
30%	1,081.43
25%	1,311.67
20%	1,570.96
15%	1,886.35
10%	2,298.51
5%	3,006.32
0%	9,664.23

End of Forecast

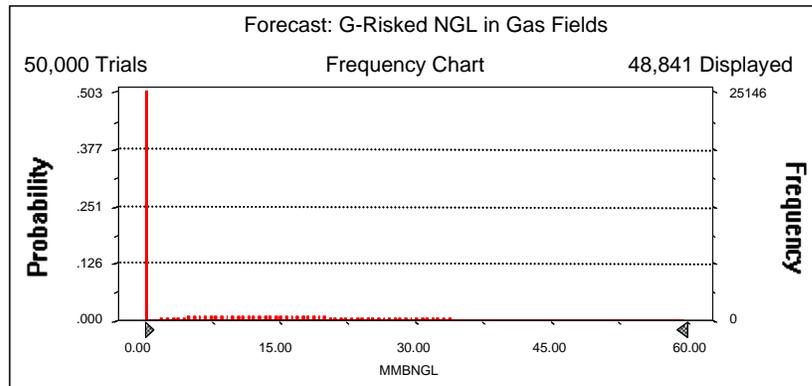
11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: G-Risked NGL in Gas Fields**

Summary:

Display range is from 0.00 to 60.00 MMBNGL  
Entire range is from 0.00 to 185.11 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.08

Statistics:	Value
Trials	50000
Mean	11.73
Median	0.00
Mode	0.00
Standard Deviation	17.38
Variance	302.13
Skewness	2.12
Kurtosis	9.21
Coefficient of Variability	1.48
Range Minimum	0.00
Range Maximum	185.11
Range Width	185.11
Mean Standard Error	0.08



11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Forecast: G-Risked 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%	5.91
40%	9.12
35%	12.12
30%	15.31
25%	18.77
20%	22.97
15%	28.11
10%	35.05
5%	46.94
0%	185.11

End of Forecast

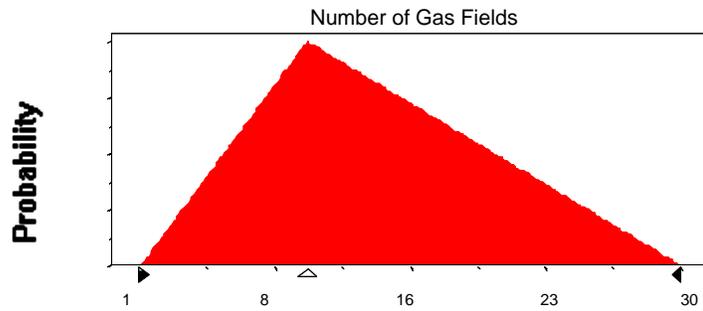
**Assumptions**

**Assumption: Number of Gas Fields**

Triangular distribution with parameters:

Minimum	1
Likeliest	10
Maximum	30

Selected range is from 1 to 30



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:

Mean	97.81
Standard Deviation	354.68

Shifted parameters

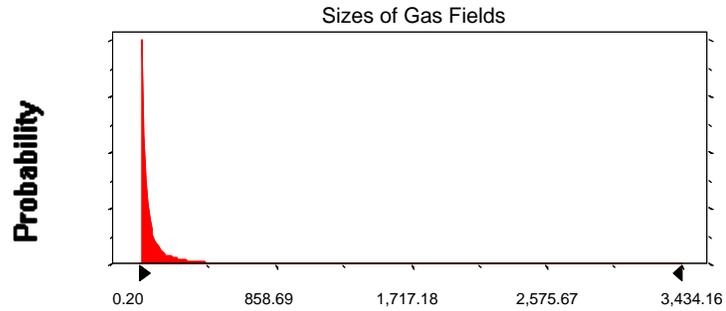
100.81
354.68

Selected range is from 0.00 to 3,976.00

3.00 to 3,979.00

11560102  
Afghanistan Subsalt Basinal Facies  
Monte Carlo Results

**Assumption: Sizes of Gas Fields (cont'd)**

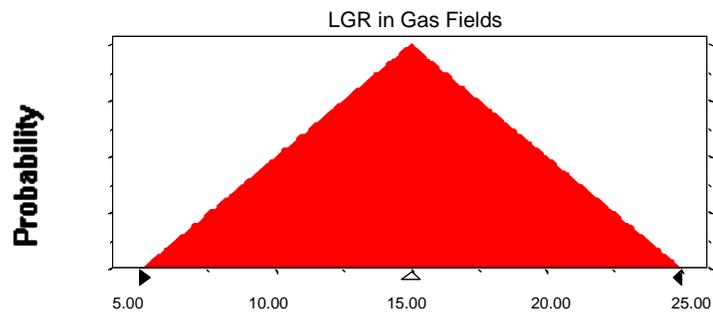


**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	5.00
Likeliest	15.00
Maximum	25.00

Selected range is from 5.00 to 25.00



End of Assumptions

Simulation started on 2/8/06 at 10:13:11  
Simulation stopped on 2/8/06 at 10:15:10

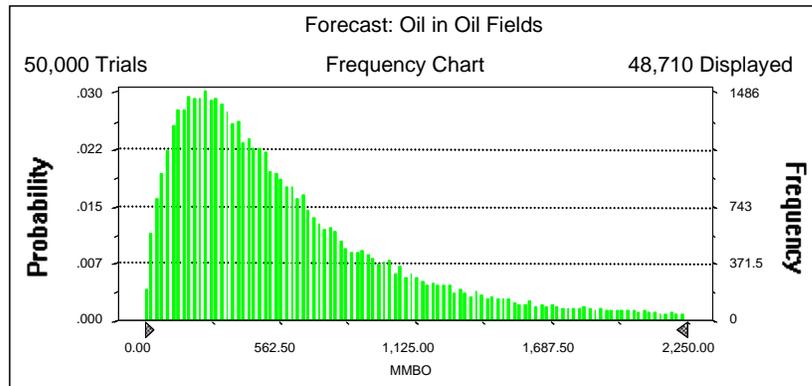
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Oil in Oil Fields**

Summary:

Display range is from 0.00 to 2,250.00 MMBO  
Entire range is from 4.57 to 7,067.57 MMBO  
After 50,000 trials, the standard error of the mean is 2.58

Statistics:	Value
Trials	50000
Mean	637.28
Median	469.93
Mode	---
Standard Deviation	577.22
Variance	333,177.74
Skewness	2.25
Kurtosis	10.52
Coefficient of Variability	0.91
Range Minimum	4.57
Range Maximum	7,067.57
Range Width	7,063.00
Mean Standard Error	2.58



11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Oil in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBO</u>
100%	4.57
95%	89.42
90%	136.76
85%	177.71
80%	216.50
75%	255.71
70%	294.10
65%	333.94
60%	375.87
55%	420.88
50%	469.93
45%	521.38
40%	580.60
35%	645.95
30%	723.56
25%	818.55
20%	941.92
15%	1,099.92
10%	1,339.21
5%	1,803.06
0%	7,067.57

End of Forecast

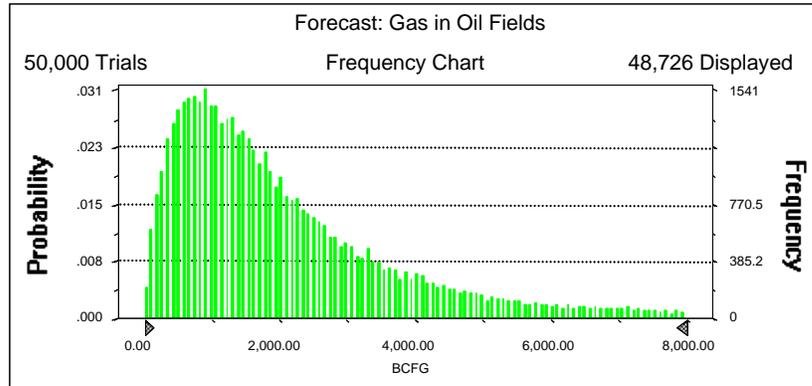
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Gas in Oil Fields**

Summary:

Display range is from 0.00 to 8,000.00 BCFG  
Entire range is from 16.20 to 26,880.23 BCFG  
After 50,000 trials, the standard error of the mean is 9.20

Statistics:	Value
Trials	50000
Mean	2,233.98
Median	1,629.83
Mode	---
Standard Deviation	2,056.19
Variance	4,227,926.05
Skewness	2.31
Kurtosis	10.93
Coefficient of Variability	0.92
Range Minimum	16.20
Range Maximum	26,880.23
Range Width	26,864.02
Mean Standard Error	9.20



11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Gas in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	16.20
95%	308.25
90%	471.30
85%	611.88
80%	746.29
75%	882.46
70%	1,017.34
65%	1,159.01
60%	1,306.88
55%	1,465.38
50%	1,629.83
45%	1,812.07
40%	2,018.85
35%	2,255.98
30%	2,533.65
25%	2,863.84
20%	3,295.03
15%	3,863.01
10%	4,707.68
5%	6,369.97
0%	26,880.23

End of Forecast

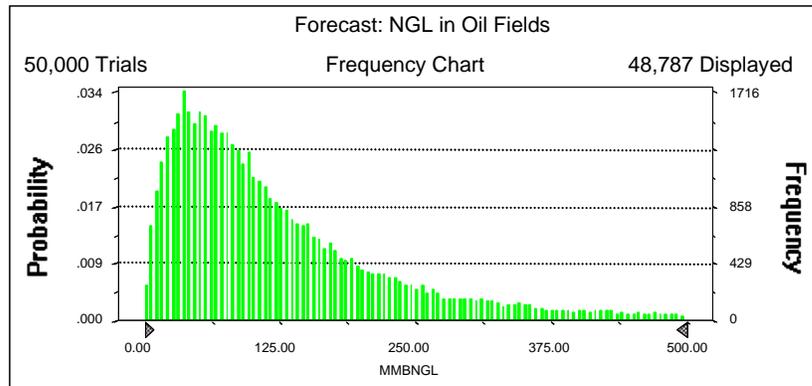
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: NGL in Oil Fields**

Summary:

Display range is from 0.00 to 500.00 MMBNGL  
Entire range is from 0.82 to 1,653.13 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.58

Statistics:	Value
Trials	50000
Mean	133.95
Median	95.61
Mode	---
Standard Deviation	128.64
Variance	16,546.98
Skewness	2.53
Kurtosis	12.88
Coefficient of Variability	0.96
Range Minimum	0.82
Range Maximum	1,653.13
Range Width	1,652.31
Mean Standard Error	0.58



11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: NGL in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.82
95%	17.35
90%	26.71
85%	35.03
80%	42.55
75%	50.72
70%	58.82
65%	67.41
60%	76.19
55%	85.47
50%	95.61
45%	106.61
40%	119.35
35%	133.89
30%	150.93
25%	171.37
20%	196.99
15%	232.51
10%	285.87
5%	385.20
0%	1,653.13

End of Forecast

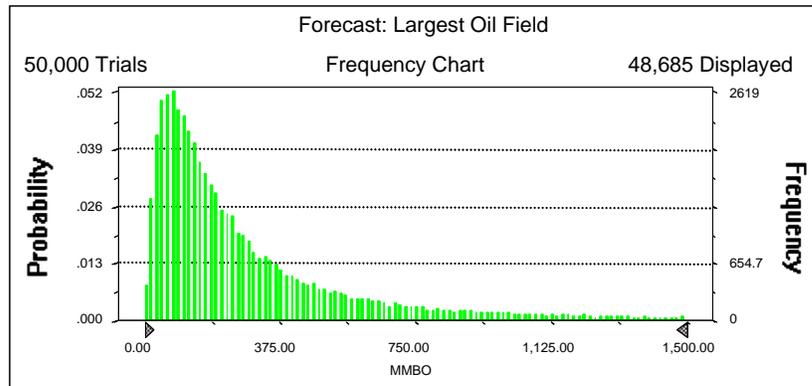
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Largest Oil Field**

Summary:

Display range is from 0.00 to 1,500.00 MMBO  
Entire range is from 4.57 to 2,998.25 MMBO  
After 50,000 trials, the standard error of the mean is 1.76

Statistics:	Value
Trials	50000
Mean	323.12
Median	188.22
Mode	---
Standard Deviation	393.89
Variance	155,148.27
Skewness	2.96
Kurtosis	14.02
Coefficient of Variability	1.22
Range Minimum	4.57
Range Maximum	2,998.25
Range Width	2,993.67
Mean Standard Error	1.76



11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Largest Oil Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBO</u>
100%	4.57
95%	35.34
90%	51.48
85%	65.82
80%	80.33
75%	94.90
70%	110.77
65%	127.08
60%	145.19
55%	165.51
50%	188.22
45%	214.00
40%	244.51
35%	279.95
30%	325.49
25%	381.44
20%	457.60
15%	565.85
10%	743.14
5%	1,104.44
0%	2,998.25

End of Forecast

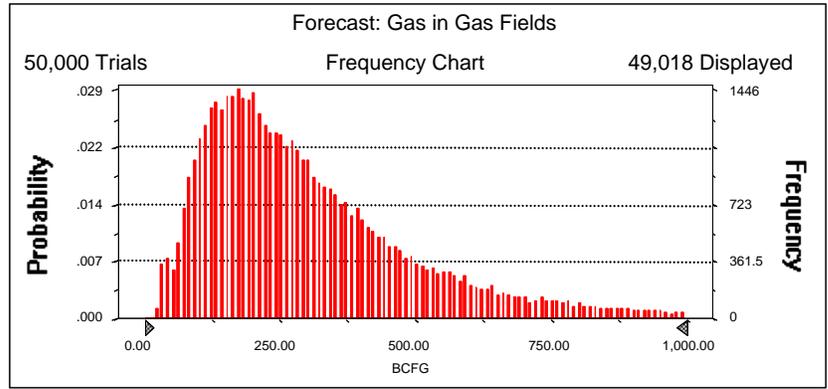
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 1,000.00 BCFG  
Entire range is from 25.79 to 2,393.44 BCFG  
After 50,000 trials, the standard error of the mean is 1.02

Statistics:	Value
Trials	50000
Mean	318.83
Median	260.13
Mode	---
Standard Deviation	228.04
Variance	52,004.07
Skewness	2.02
Kurtosis	9.24
Coefficient of Variability	0.72
Range Minimum	25.79
Range Maximum	2,393.44
Range Width	2,367.65
Mean Standard Error	1.02



11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	25.79
95%	83.00
90%	107.74
85%	127.58
80%	146.13
75%	164.08
70%	181.92
65%	199.82
60%	218.04
55%	238.83
50%	260.13
45%	282.81
40%	307.20
35%	336.13
30%	367.73
25%	404.04
20%	449.39
15%	510.87
10%	597.72
5%	760.14
0%	2,393.44

End of Forecast

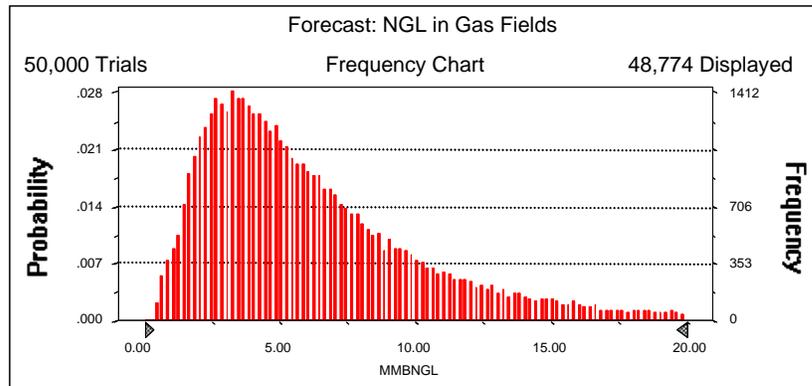
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 20.00 MMBNGL  
Entire range is from 0.35 to 56.16 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.02

Statistics:	Value
Trials	50000
Mean	6.58
Median	5.26
Mode	---
Standard Deviation	4.93
Variance	24.33
Skewness	2.19
Kurtosis	10.74
Coefficient of Variability	0.75
Range Minimum	0.35
Range Maximum	56.16
Range Width	55.81
Mean Standard Error	0.02



11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.35
95%	1.62
90%	2.11
85%	2.53
80%	2.90
75%	3.28
70%	3.64
65%	4.01
60%	4.40
55%	4.82
50%	5.26
45%	5.75
40%	6.29
35%	6.88
30%	7.54
25%	8.34
20%	9.36
15%	10.66
10%	12.58
5%	16.01
0%	56.16

End of Forecast

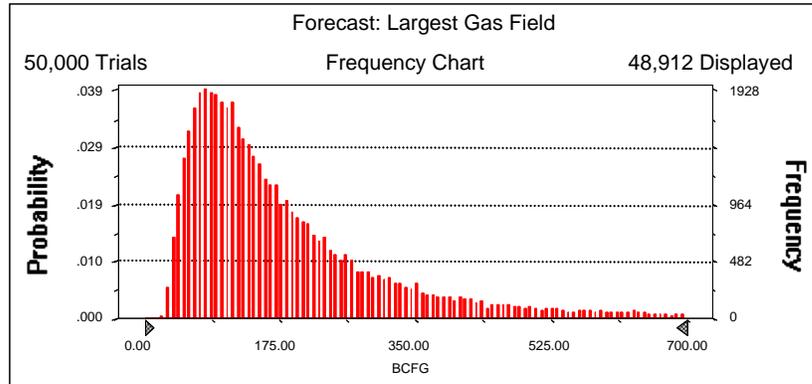
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 700.00 BCFG  
Entire range is from 25.79 to 1,498.74 BCFG  
After 50,000 trials, the standard error of the mean is 0.75

Statistics:	Value
Trials	50000
Mean	194.15
Median	143.02
Mode	---
Standard Deviation	166.93
Variance	27,866.81
Skewness	2.78
Kurtosis	13.99
Coefficient of Variability	0.86
Range Minimum	25.79
Range Maximum	1,498.74
Range Width	1,472.95
Mean Standard Error	0.75



11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	25.79
95%	51.77
90%	63.13
85%	72.81
80%	81.90
75%	91.11
70%	100.32
65%	110.11
60%	119.97
55%	130.93
50%	143.02
45%	156.60
40%	172.13
35%	189.46
30%	210.05
25%	234.75
20%	266.74
15%	311.68
10%	378.99
5%	512.08
0%	1,498.74

End of Forecast

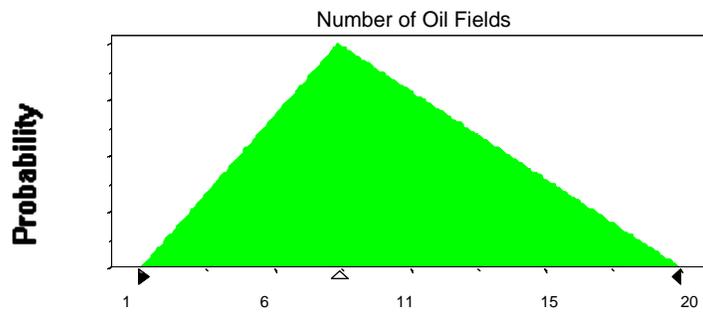
**Assumptions**

**Assumption: Number of Oil Fields**

Triangular distribution with parameters:

Minimum	1
Likeliest	8
Maximum	20

Selected range is from 1 to 20



**Assumption: Sizes of Oil Fields**

Lognormal distribution with parameters:

Mean	67.11
Standard Deviation	273.35

Shifted parameters

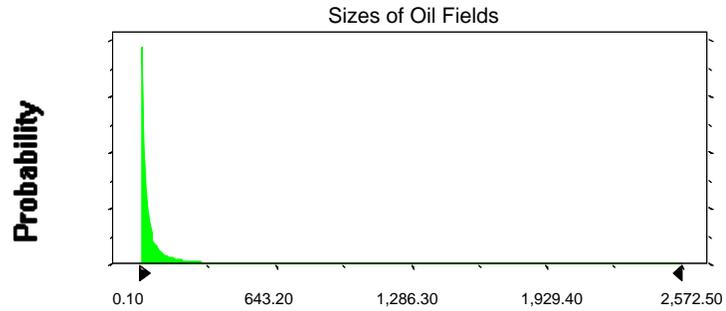
67.61
273.35

Selected range is from 0.00 to 2,996.00

0.50 to 2,996.50

11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Assumption: Sizes of Oil Fields (cont'd)**

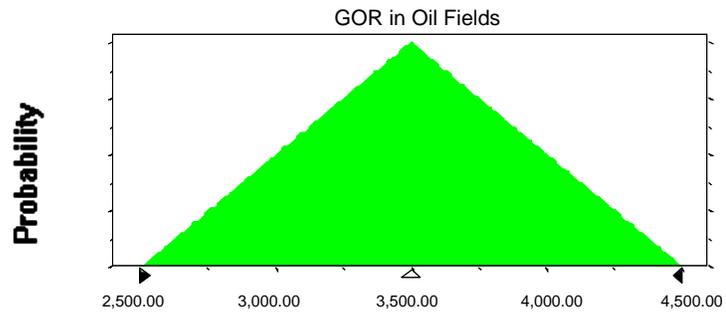


**Assumption: GOR in Oil Fields**

Triangular distribution with parameters:

Minimum	2,500.00
Likeliest	3,500.00
Maximum	4,500.00

Selected range is from 2,500.00 to 4,500.00



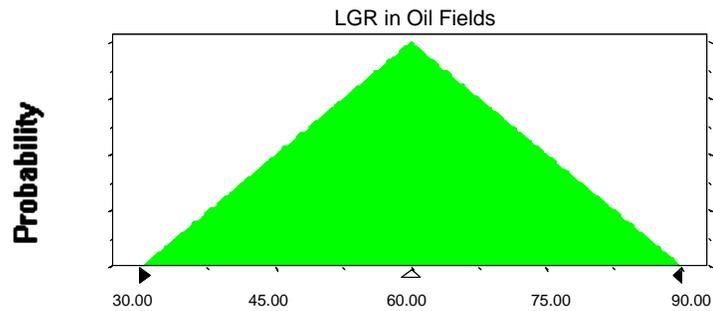
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Assumption: LGR in Oil Fields**

Triangular distribution with parameters:

Minimum	30.00
Likeliest	60.00
Maximum	90.00

Selected range is from 30.00 to 90.00



**Assumption: Number of Gas Fields**

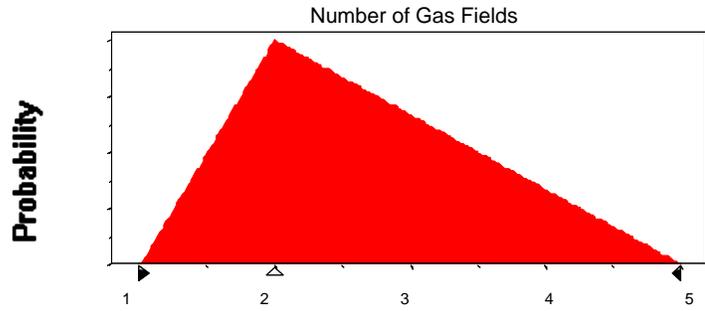
Triangular distribution with parameters:

Minimum	1
Likeliest	2
Maximum	5

Selected range is from 1 to 5

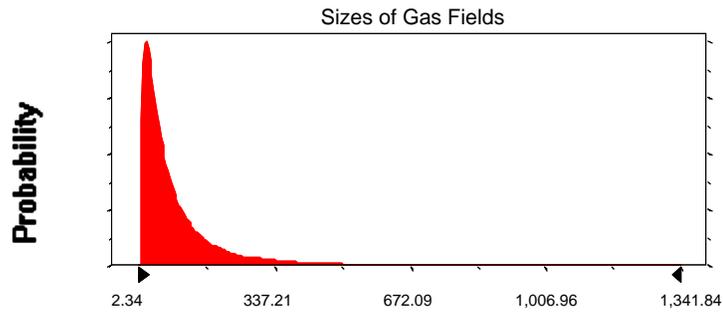
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Assumption: Number of Gas Fields (cont'd)**



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:	Shifted parameters	
Mean	98.09	101.09
Standard Deviation	141.07	141.07
Selected range is from 0.00 to 1,476.00	3.00 to 1,479.00	



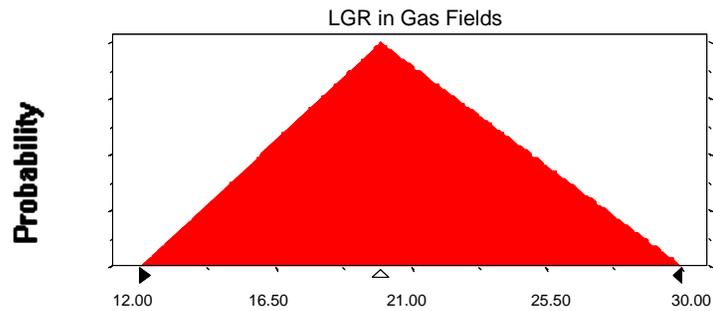
11560201  
Afghanistan Western Suprasalt Gentle Folds  
Monte Carlo Results

**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	12.00
Likeliest	20.00
Maximum	30.00

Selected range is from 12.00 to 30.00



End of Assumptions

Simulation started on 2/8/06 at 10:21:15  
Simulation stopped on 2/8/06 at 10:23:12

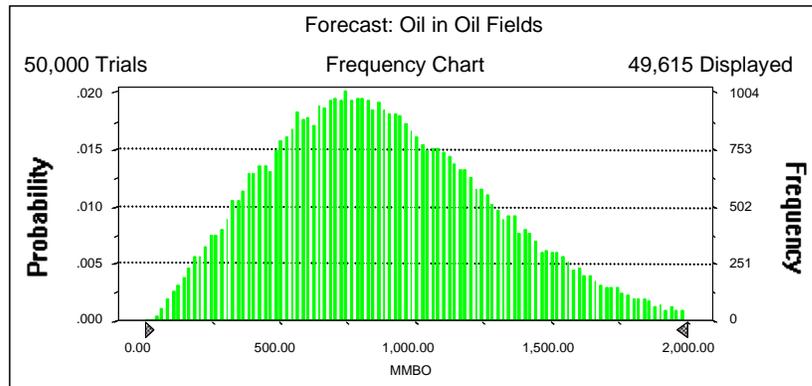
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Oil in Oil Fields**

Summary:

Display range is from 0.00 to 2,000.00 MMBO  
Entire range is from 36.35 to 2,990.35 MMBO  
After 50,000 trials, the standard error of the mean is 1.82

Statistics:	Value
Trials	50000
Mean	885.82
Median	848.04
Mode	---
Standard Deviation	407.72
Variance	166,239.66
Skewness	0.49
Kurtosis	3.00
Coefficient of Variability	0.46
Range Minimum	36.35
Range Maximum	2,990.35
Range Width	2,953.99
Mean Standard Error	1.82



11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Oil in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBO</u>
100%	36.35
95%	279.07
90%	380.78
85%	456.17
80%	524.56
75%	583.01
70%	640.19
65%	692.60
60%	744.94
55%	795.80
50%	848.04
45%	900.95
40%	956.25
35%	1,016.05
30%	1,081.41
25%	1,149.59
20%	1,227.23
15%	1,320.54
10%	1,438.69
5%	1,615.38
0%	2,990.35

End of Forecast

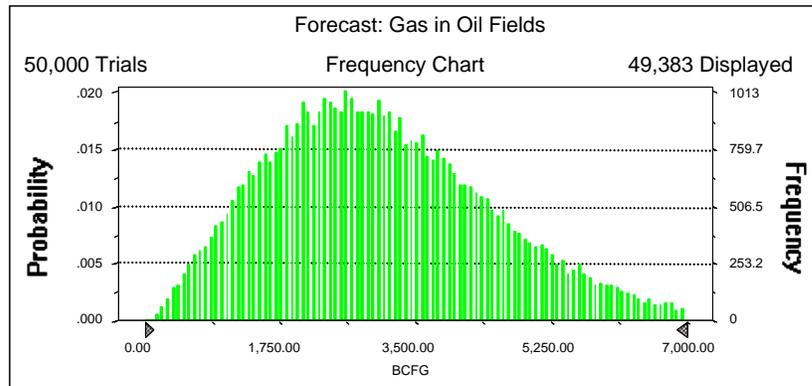
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Gas in Oil Fields**

Summary:

Display range is from 0.00 to 7,000.00 BCFG  
Entire range is from 122.83 to 12,847.70 BCFG  
After 50,000 trials, the standard error of the mean is 6.62

Statistics:	Value
Trials	50000
Mean	3,097.68
Median	2,938.46
Mode	---
Standard Deviation	1,480.37
Variance	2,191,486.88
Skewness	0.62
Kurtosis	3.34
Coefficient of Variability	0.48
Range Minimum	122.83
Range Maximum	12,847.70
Range Width	12,724.87
Mean Standard Error	6.62



11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Gas in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	122.83
95%	954.20
90%	1,300.12
85%	1,561.70
80%	1,800.25
75%	2,008.09
70%	2,197.77
65%	2,384.76
60%	2,571.43
55%	2,749.48
50%	2,938.46
45%	3,125.58
40%	3,327.05
35%	3,539.76
30%	3,771.34
25%	4,015.66
20%	4,306.56
15%	4,644.64
10%	5,098.07
5%	5,780.91
0%	12,847.70

End of Forecast

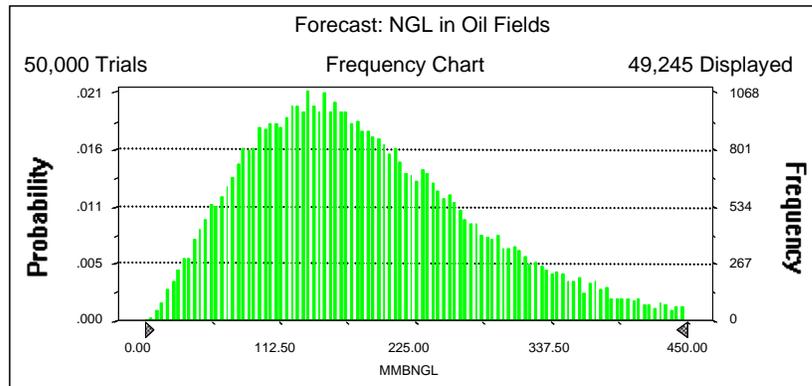
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: NGL in Oil Fields**

Summary:

Display range is from 0.00 to 450.00 MMBNGL  
Entire range is from 5.99 to 816.47 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.44

Statistics:	Value
Trials	50000
Mean	185.86
Median	170.29
Mode	---
Standard Deviation	98.24
Variance	9,651.43
Skewness	0.90
Kurtosis	4.05
Coefficient of Variability	0.53
Range Minimum	5.99
Range Maximum	816.47
Range Width	810.48
Mean Standard Error	0.44



11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: NGL in Oil Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	5.99
95%	53.23
90%	72.99
85%	88.26
80%	101.36
75%	113.60
70%	125.50
65%	136.75
60%	147.85
55%	158.98
50%	170.29
45%	182.49
40%	195.42
35%	209.44
30%	225.16
25%	241.87
20%	261.20
15%	286.43
10%	318.59
5%	370.45
0%	816.47

End of Forecast

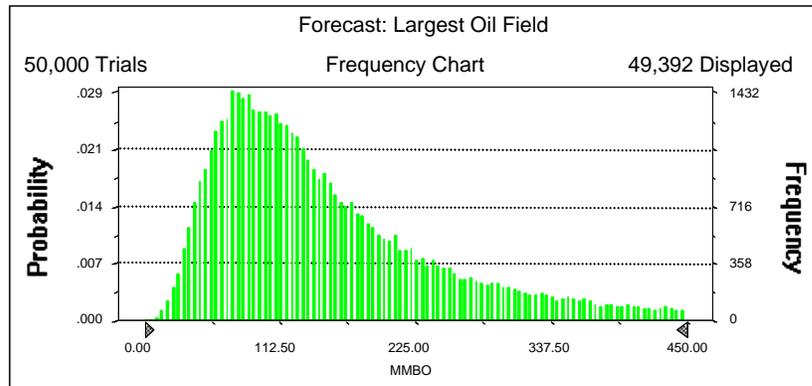
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Largest Oil Field**

Summary:

Display range is from 0.00 to 450.00 MMBO  
Entire range is from 7.20 to 499.94 MMBO  
After 50,000 trials, the standard error of the mean is 0.43

Statistics:	Value
Trials	50000
Mean	152.68
Median	126.66
Mode	---
Standard Deviation	95.71
Variance	9,159.61
Skewness	1.26
Kurtosis	4.31
Coefficient of Variability	0.63
Range Minimum	7.20
Range Maximum	499.94
Range Width	492.74
Mean Standard Error	0.43



11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Largest Oil Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBO</u>
100%	7.20
95%	45.16
90%	57.12
85%	66.31
80%	74.98
75%	82.88
70%	90.93
65%	99.49
60%	108.26
55%	117.16
50%	126.66
45%	137.03
40%	148.94
35%	162.05
30%	177.74
25%	196.17
20%	219.26
15%	249.31
10%	291.77
5%	357.93
0%	499.94

End of Forecast

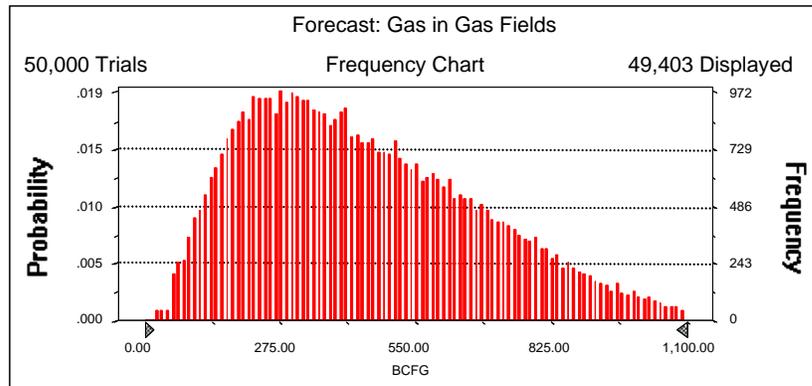
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Gas in Gas Fields**

Summary:

Display range is from 0.00 to 1,100.00 BCFG  
Entire range is from 24.83 to 2,079.20 BCFG  
After 50,000 trials, the standard error of the mean is 1.09

Statistics:	Value
Trials	50000
Mean	455.63
Median	415.32
Mode	---
Standard Deviation	243.69
Variance	59,383.25
Skewness	0.71
Kurtosis	3.18
Coefficient of Variability	0.53
Range Minimum	24.83
Range Maximum	2,079.20
Range Width	2,054.37
Mean Standard Error	1.09



11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Gas in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.83
95%	130.33
90%	171.36
85%	204.45
80%	234.82
75%	263.83
70%	293.65
65%	322.19
60%	352.30
55%	383.82
50%	415.32
45%	450.39
40%	487.29
35%	525.12
30%	567.19
25%	613.71
20%	664.00
15%	723.46
10%	796.89
5%	904.99
0%	2,079.20

End of Forecast

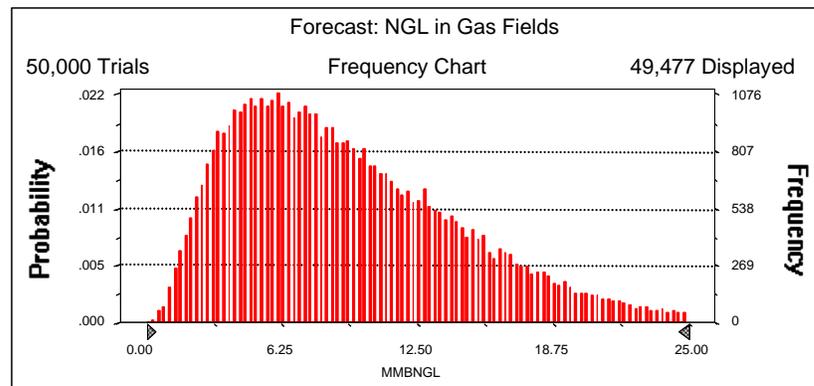
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: NGL in Gas Fields**

Summary:

Display range is from 0.00 to 25.00 MMBNGL  
Entire range is from 0.41 to 51.17 MMBNGL  
After 50,000 trials, the standard error of the mean is 0.02

Statistics:	Value
Trials	50000
Mean	9.41
Median	8.39
Mode	---
Standard Deviation	5.38
Variance	28.96
Skewness	0.93
Kurtosis	3.88
Coefficient of Variability	0.57
Range Minimum	0.41
Range Maximum	51.17
Range Width	50.76
Mean Standard Error	0.02



11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: NGL in Gas Fields (cont'd)**

Percentiles:

<u>Percentile</u>	<u>MMBNGL</u>
100%	0.41
95%	2.54
90%	3.36
85%	4.05
80%	4.67
75%	5.27
70%	5.87
65%	6.47
60%	7.10
55%	7.72
50%	8.39
45%	9.10
40%	9.87
35%	10.67
30%	11.58
25%	12.63
20%	13.76
15%	15.12
10%	16.87
5%	19.59
0%	51.17

End of Forecast

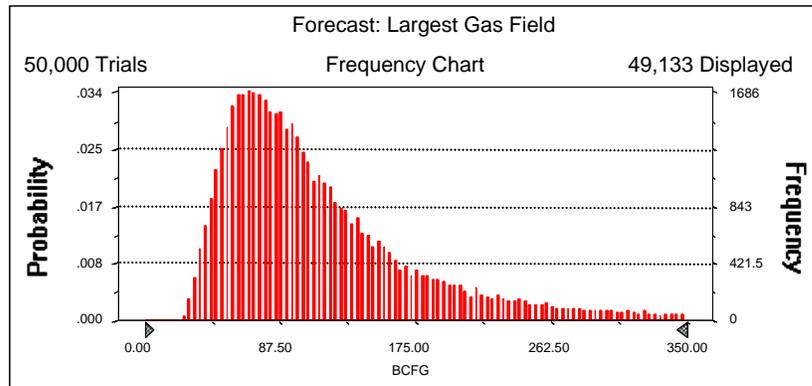
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Largest Gas Field**

Summary:

Display range is from 0.00 to 350.00 BCFG  
Entire range is from 24.83 to 499.61 BCFG  
After 50,000 trials, the standard error of the mean is 0.32

Statistics:	Value
Trials	50000
Mean	117.04
Median	96.93
Mode	---
Standard Deviation	71.35
Variance	5,091.13
Skewness	1.90
Kurtosis	7.58
Coefficient of Variability	0.61
Range Minimum	24.83
Range Maximum	499.61
Range Width	474.78
Mean Standard Error	0.32



11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Forecast: Largest Gas Field (cont'd)**

Percentiles:

<u>Percentile</u>	<u>BCFG</u>
100%	24.83
95%	45.09
90%	52.51
85%	58.46
80%	63.64
75%	68.92
70%	74.05
65%	79.41
60%	85.11
55%	90.85
50%	96.93
45%	103.47
40%	111.32
35%	119.67
30%	129.63
25%	141.49
20%	156.33
15%	177.38
10%	207.48
5%	262.35
0%	499.61

End of Forecast

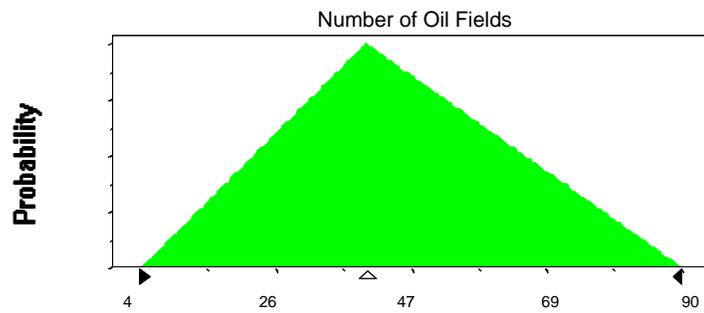
**Assumptions**

**Assumption: Number of Oil Fields**

Triangular distribution with parameters:

Minimum	4
Likeliest	40
Maximum	90

Selected range is from 4 to 90



**Assumption: Sizes of Oil Fields**

Lognormal distribution with parameters:

Mean	16.65
Standard Deviation	43.10

Shifted parameters

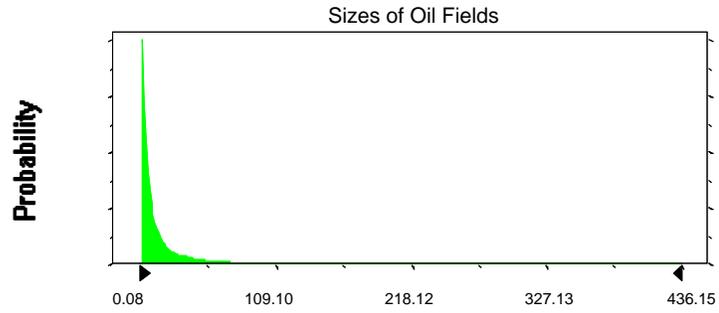
17.15
43.10

Selected range is from 0.00 to 496.00

0.50 to 496.50

11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Assumption: Sizes of Oil Fields (cont'd)**

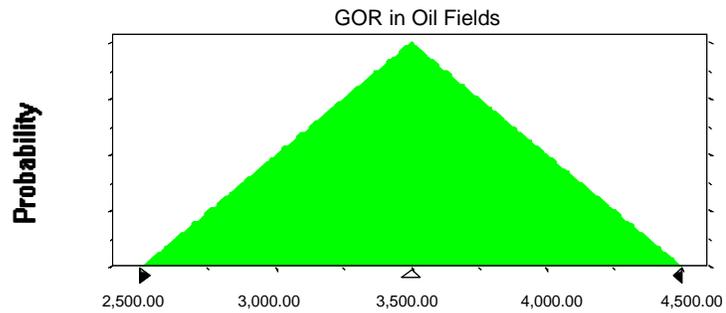


**Assumption: GOR in Oil Fields**

Triangular distribution with parameters:

Minimum	2,500.00
Likeliest	3,500.00
Maximum	4,500.00

Selected range is from 2,500.00 to 4,500.00



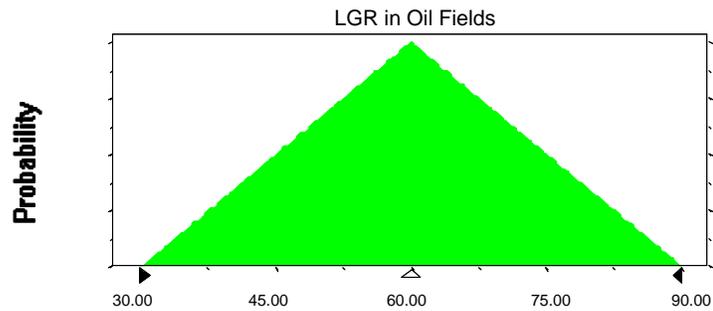
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Assumption: LGR in Oil Fields**

Triangular distribution with parameters:

Minimum	30.00
Likeliest	60.00
Maximum	90.00

Selected range is from 30.00 to 90.00



**Assumption: Number of Gas Fields**

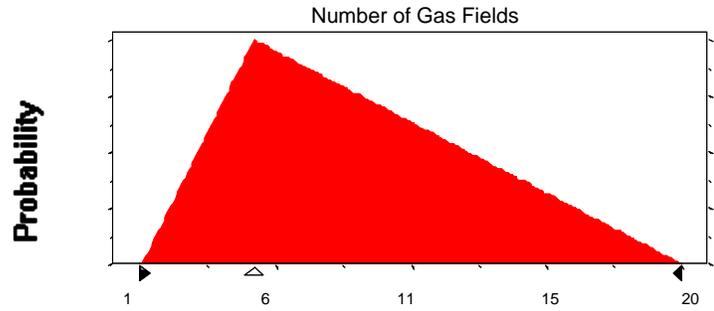
Triangular distribution with parameters:

Minimum	1
Likeliest	5
Maximum	20

Selected range is from 1 to 20

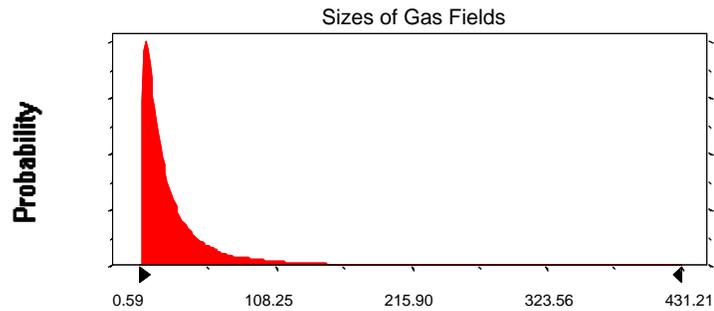
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Assumption: Number of Gas Fields (cont'd)**



**Assumption: Sizes of Gas Fields**

Lognormal distribution with parameters:		Shifted parameters
Mean	29.24	32.24
Standard Deviation	44.71	44.71
Selected range is from 0.00 to 476.00		3.00 to 479.00



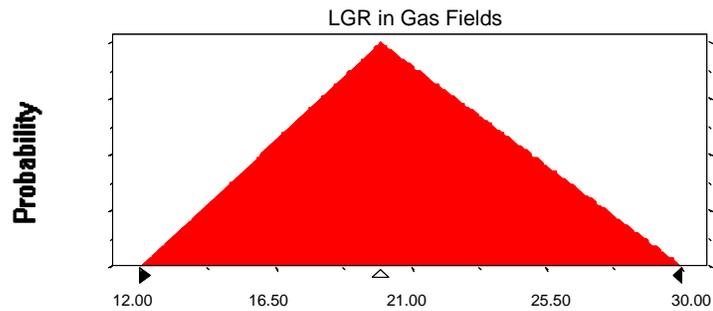
11560202  
Afghanistan Eastern Suprasalt Thrusts and Folds  
Monte Carlo Results

**Assumption: LGR in Gas Fields**

Triangular distribution with parameters:

Minimum	12.00
Likeliest	20.00
Maximum	30.00

Selected range is from 12.00 to 30.00



End of Assumptions

Simulation started on 2/8/06 at 10:27:36  
Simulation stopped on 2/8/06 at 10:31:30