Northeast Greenland Shelf Rift Systems, Assessment Unit 52000101
Assessment Results Summary

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

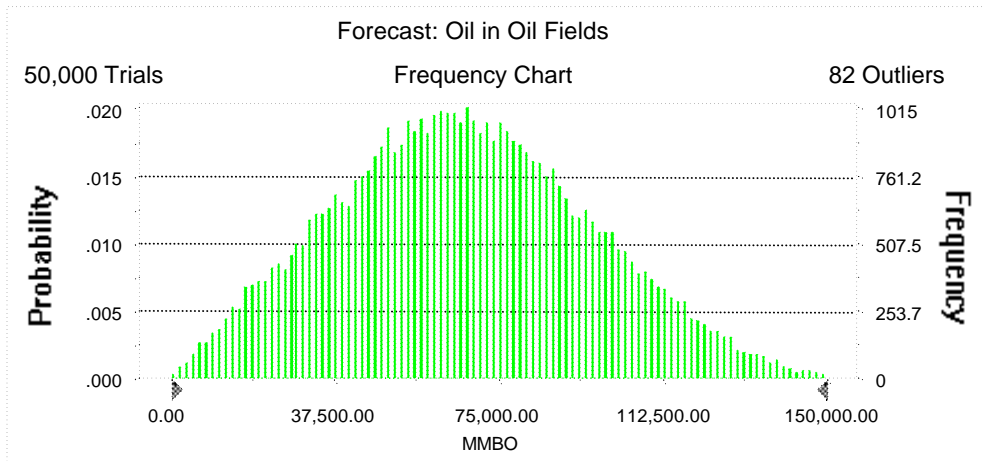| Field Type | MFS | Prob. (0-1) | Undiscovered Resources | | | | | | | | | | | | Largest Undiscovered Field (MMBO or BCFG) | | | |
| | | | Oil (MMBO) | | | | Gas (BCFG) | | | | NGL (MMBNGL) | | | | | | | |
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
Oil Fields	20	0.70	0	49,684	111,815	47,148	0	46,607	118,597	47,148	0	2,642	7,499	2,827	2,261	5,795	10,902	6,107
Gas Fields	120						0	34,430	81,179	33,561	0	1,297	3,458	1,343	2,371	6,181	15,248	7,112
Total		0.70	0	49,684	111,815	47,148	0	81,037	199,776	80,709	0	3,940	10,957	4,170				

Forecast: Oil in Oil Fields

Summary:
Display range is from 0.00 to 150,000.00 MMBO
Entire range is from 94.93 to 180,744.28 MMBO
After 50,000 trials, the standard error of the mean is 130.34

Statistics:	Value
Trials	50000
Mean	67,386.06
Median	66,451.31
Mode	---
Standard Deviation	29,144.14
Variance	849,380,915.87
Skewness	0.18
Kurtosis	2.60
Coefficient of Variability	0.43
Range Minimum	94.93
Range Maximum	180,744.28
Range Width	180,649.35
Mean Standard Error	130.34

Forecast: Oil in Oil Fields

Forecast: Oil in Oil Fields (cont'd)

Percentiles:

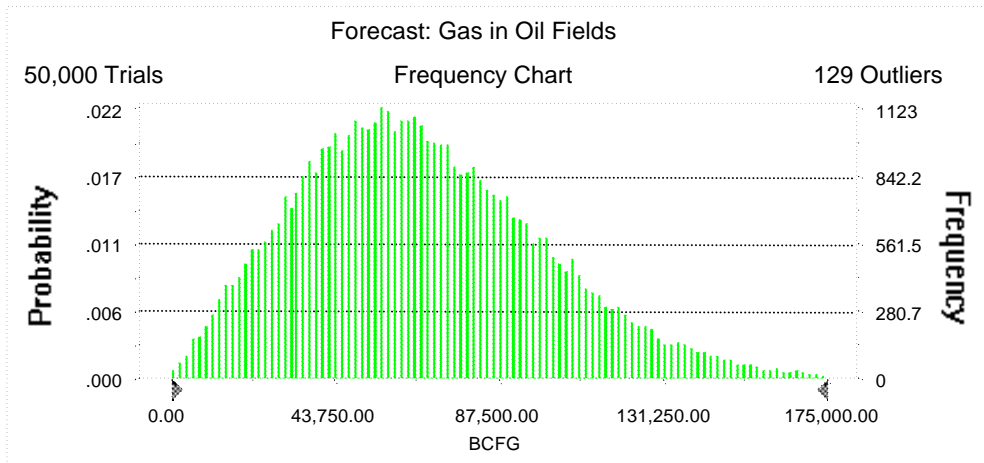| Percentile	MMBO
100%	94.93
95%	20,238.62
90%	29,192.46
85%	35,705.31
80%	41,366.04
75%	46,400.87
70%	50,703.70
65%	54,902.70
60%	58,820.58
55%	62,705.23
50%	66,451.31
45%	70,256.57
40%	74,244.98
35%	78,293.19
30%	82,628.57
25%	87,364.89
20%	92,687.66
15%	99,048.72
10%	106,520.72
5%	117,200.38
0%	180,744.28

End of Forecast

Forecast: Gas in Oil Fields

Summary:
> Display range is from 0.00 to 175,000.00 BCFG
> Entire range is from 94.36 to 234,395.81 BCFG
> After 50,000 trials, the standard error of the mean is 146.36

Statistics:	Value
Trials	50000
Mean	67,401.74
Median	64,211.66
Mode	---
Standard Deviation	32,726.25
Variance	1,071,007,574.14
Skewness	0.55
Kurtosis	3.19
Coefficient of Variability	0.49
Range Minimum	94.36
Range Maximum	234,395.81
Range Width	234,301.45
Mean Standard Error	146.36

Forecast: Gas in Oil Fields

Forecast: Gas in Oil Fields (cont'd)

Percentiles:

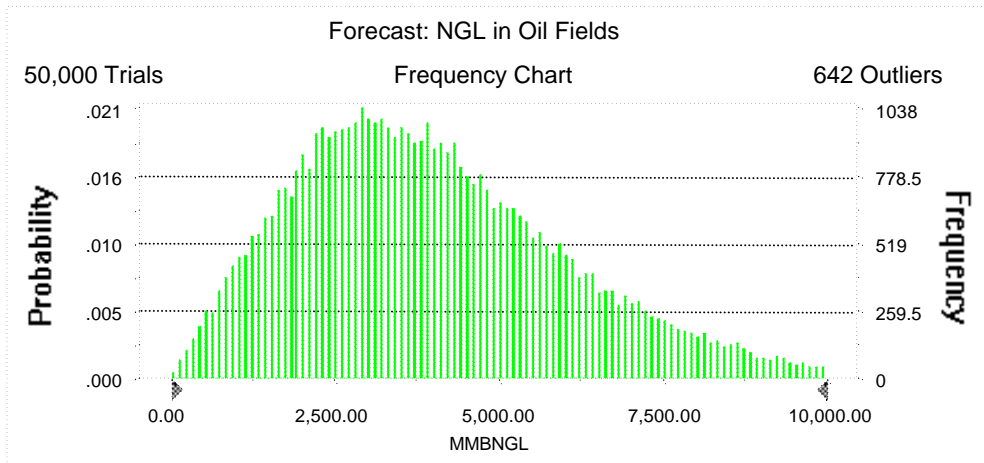| Percentile	BCFG
100%	94.36
95%	19,000.01
90%	27,111.34
85%	33,429.79
80%	38,605.79
75%	43,362.83
70%	47,782.62
65%	51,961.79
60%	56,120.43
55%	60,087.87
50%	64,211.66
45%	68,336.31
40%	72,793.45
35%	77,470.25
30%	82,568.47
25%	88,120.03
20%	94,375.85
15%	101,782.89
10%	111,221.10
5%	126,246.44
0%	234,395.81

End of Forecast

Forecast: NGL in Oil Fields

Summary:
Display range is from 0.00 to 10,000.00 MMBNGL
Entire range is from 7.03 to 16,495.53 MMBNGL
After 50,000 trials, the standard error of the mean is 9.67

Statistics:	Value
Trials	50000
Mean	4,041.73
Median	3,740.71
Mode	---
Standard Deviation	2,161.64
Variance	4,672,681.14
Skewness	0.82
Kurtosis	3.84
Coefficient of Variability	0.53
Range Minimum	7.03
Range Maximum	16,495.53
Range Width	16,488.50
Mean Standard Error	9.67

Forecast: NGL in Oil Fields

Forecast: NGL in Oil Fields (cont'd)

Percentiles:

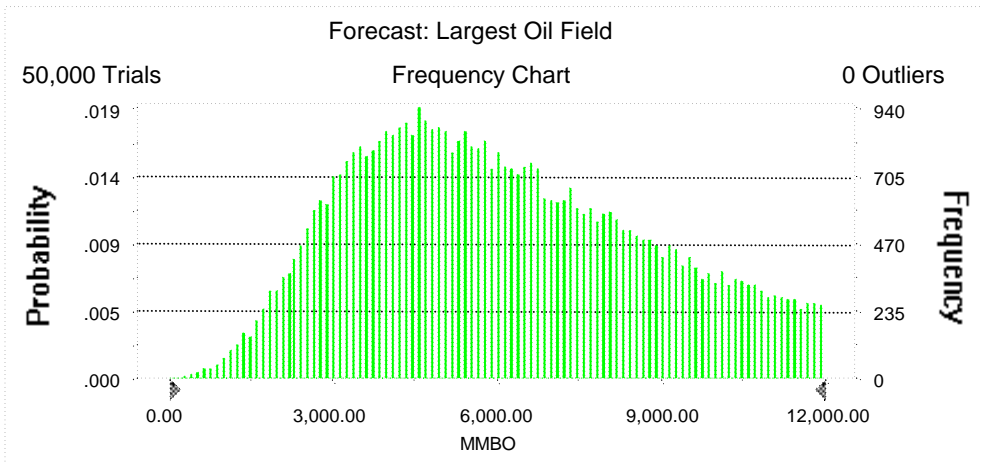| Percentile	MMBNGL
100%	7.03
95%	1,057.38
90%	1,519.19
85%	1,872.15
80%	2,186.02
75%	2,449.96
70%	2,712.44
65%	2,964.28
60%	3,216.31
55%	3,475.47
50%	3,740.71
45%	4,007.31
40%	4,287.69
35%	4,587.07
30%	4,922.55
25%	5,299.75
20%	5,735.86
15%	6,258.91
10%	6,979.66
5%	8,078.34
0%	16,495.53

End of Forecast

Forecast: Largest Oil Field

Summary:
   Display range is from 0.00 to 12,000.00 MMBO
   Entire range is from 64.91 to 11,998.44 MMBO
   After 50,000 trials, the standard error of the mean is 11.79

Statistics:	Value
Trials	50000
Mean	6,107.22
Median	5,794.74
Mode	---
Standard Deviation	2,636.30
Variance	6,950,066.47
Skewness	0.31
Kurtosis	2.25
Coefficient of Variability	0.43
Range Minimum	64.91
Range Maximum	11,998.44
Range Width	11,933.52
Mean Standard Error	11.79

Forecast: Largest Oil Field

Forecast: Largest Oil Field (cont'd)

Percentiles:

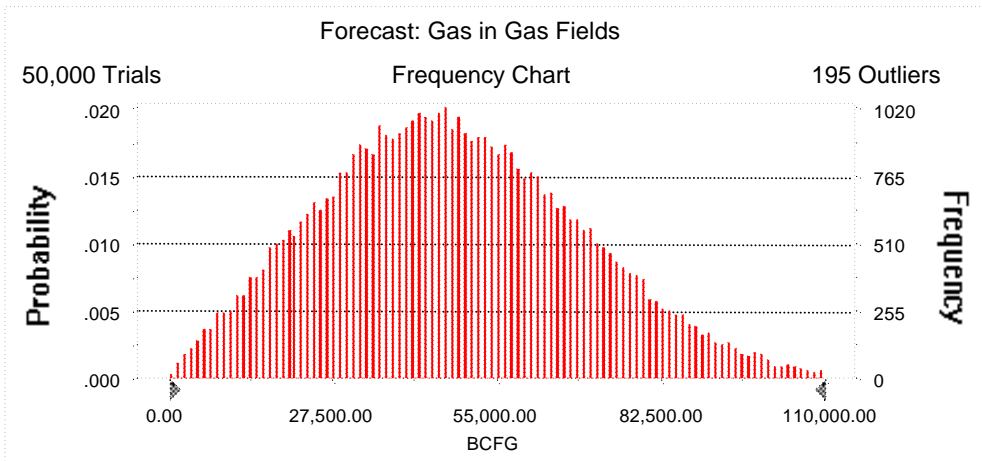| Percentile	MMBO
100%	64.91
95%	2,261.02
90%	2,843.73
85%	3,284.50
80%	3,672.24
75%	4,040.16
70%	4,387.27
65%	4,724.83
60%	5,068.51
55%	5,426.53
50%	5,794.74
45%	6,180.11
40%	6,597.34
35%	7,027.62
30%	7,510.77
25%	8,034.69
20%	8,597.57
15%	9,237.70
10%	10,010.62
5%	10,901.55
0%	11,998.44

End of Forecast

Forecast: Gas in Gas Fields

Summary:
    Display range is from 0.00 to 110,000.00 BCFG
    Entire range is from 130.07 to 151,474.39 BCFG
    After 50,000 trials, the standard error of the mean is 97.34

Statistics:	Value
Trials	50000
Mean	47,983.49
Median	46,760.60
Mode	---
Standard Deviation	21,764.99
Variance	473,714,926.07
Skewness	0.33
Kurtosis	2.85
Coefficient of Variability	0.45
Range Minimum	130.07
Range Maximum	151,474.39
Range Width	151,344.32
Mean Standard Error	97.34

Forecast: Gas in Gas Fields

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	130.07
95%	14,034.04
90%	19,973.10
85%	24,651.95
80%	28,734.17
75%	32,154.51
70%	35,312.14
65%	38,283.75
60%	41,201.13
55%	43,991.22
50%	46,760.60
45%	49,583.72
40%	52,607.34
35%	55,746.41
30%	58,956.42
25%	62,530.99
20%	66,563.47
15%	71,172.90
10%	77,029.63
5%	85,729.79
0%	151,474.39

End of Forecast

Forecast: NGL in Gas Fields

Summary:
Display range is from 0.00 to 4,500.00 MMBNGL
Entire range is from 4.97 to 6,968.69 MMBNGL
After 50,000 trials, the standard error of the mean is 4.35

Statistics:	Value
Trials	50000
Mean	1,920.70
Median	1,811.45
Mode	---
Standard Deviation	972.05
Variance	944,877.27
Skewness	0.66
Kurtosis	3.45
Coefficient of Variability	0.51
Range Minimum	4.97
Range Maximum	6,968.69
Range Width	6,963.72
Mean Standard Error	4.35
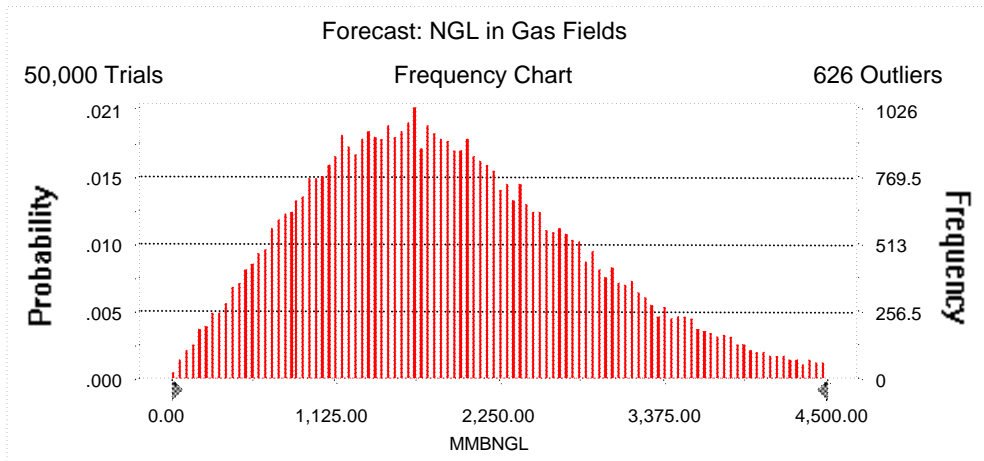
Forecast: NGL in Gas Fields

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	4.97
95%	524.35
90%	748.17
85%	923.03
80%	1,072.09
75%	1,204.92
70%	1,331.28
65%	1,454.87
60%	1,574.56
55%	1,691.41
50%	1,811.45
45%	1,933.81
40%	2,061.48
35%	2,196.91
30%	2,347.33
25%	2,513.45
20%	2,705.72
15%	2,930.14
10%	3,226.75
5%	3,694.44
0%	6,968.69

End of Forecast

Forecast: Largest Gas Field

Summary:
    Display range is from 0.00 to 17,500.00 BCFG
    Entire range is from 130.07 to 19,999.05 BCFG
    After 50,000 trials, the standard error of the mean is 17.49

Statistics:	Value
Trials	50000
Mean	7,112.10
Median	6,181.05
Mode	---
Standard Deviation	3,910.73
Variance	15,293,825.26
Skewness	1.02
Kurtosis	3.63
Coefficient of Variability	0.55
Range Minimum	130.07
Range Maximum	19,999.05
Range Width	19,868.98
Mean Standard Error	17.49
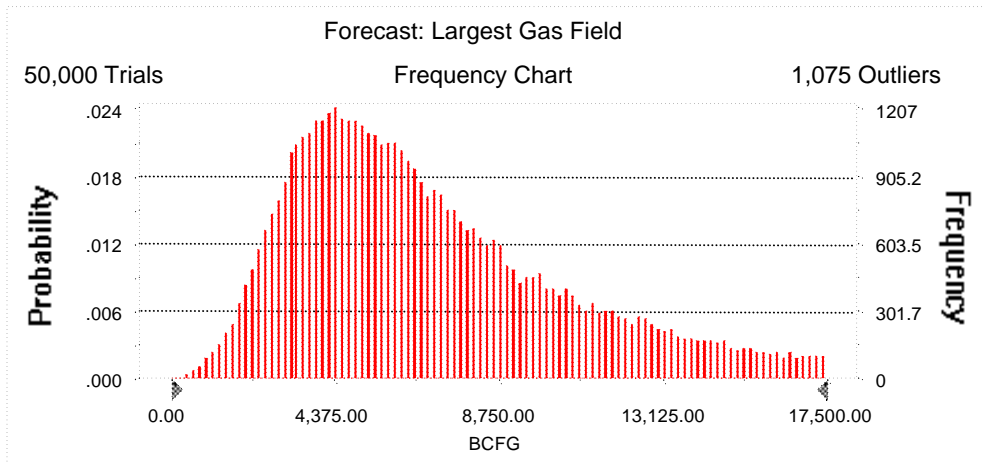
Forecast: Largest Gas Field

Forecast: Largest Gas Field (cont'd)

Percentiles:

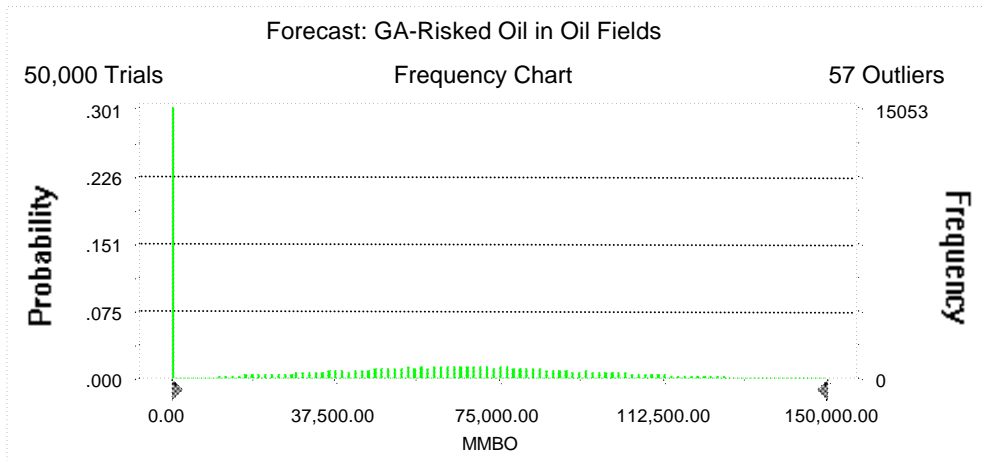| Percentile	BCFG
100%	130.07
95%	2,371.33
90%	2,980.81
85%	3,432.40
80%	3,840.17
75%	4,217.84
70%	4,585.96
65%	4,964.20
60%	5,354.66
55%	5,759.76
50%	6,181.05
45%	6,628.35
40%	7,150.42
35%	7,709.83
30%	8,362.58
25%	9,120.90
20%	10,081.32
15%	11,280.38
10%	12,844.86
5%	15,248.20
0%	19,999.05

End of Forecast

Forecast: GA-Risked Oil in Oil Fields

Summary:
Display range is from 0.00 to 150,000.00 MMBO
Entire range is from 0.00 to 180,744.28 MMBO
After 50,000 trials, the standard error of the mean is 175.84

Statistics:	Value
Trials	50000
Mean	47,147.76
Median	49,683.71
Mode	0.00
Standard Deviation	39,318.16
Variance	1,545,918,086.55
Skewness	0.22
Kurtosis	1.92
Coefficient of Variability	0.83
Range Minimum	0.00
Range Maximum	180,744.28
Range Width	180,744.28
Mean Standard Error	175.84

Forecast: GA-Risked Oil in Oil Fields

50,000 Trials   Frequency Chart   57 Outliers

Forecast: GA-Risked Oil in Oil Fields (cont'd)

Percentiles:

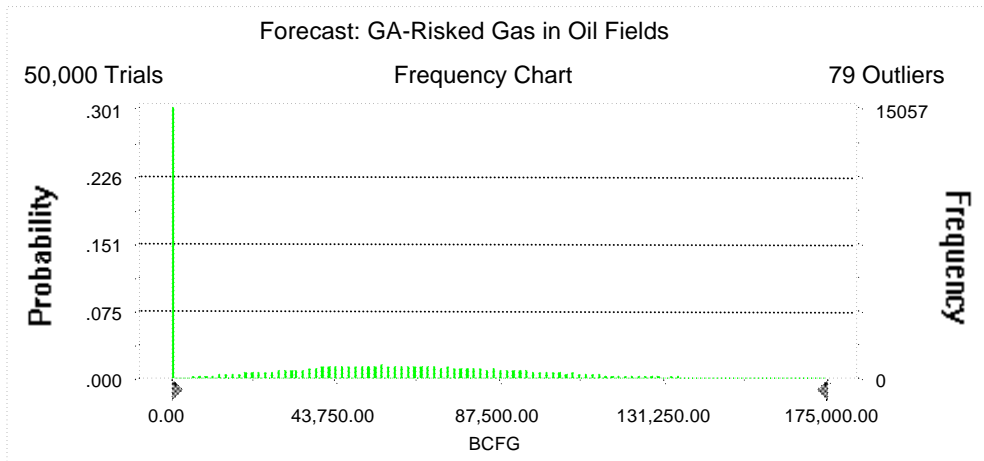| Percentile	MMBO
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	24,095.54
60%	34,816.97
55%	43,066.37
50%	49,683.71
45%	55,585.71
40%	61,216.76
35%	66,598.30
30%	72,046.93
25%	77,698.42
20%	83,759.55
15%	90,911.19
10%	99,895.25
5%	111,814.94
0%	180,744.28

End of Forecast

Forecast: GA-Risked Gas in Oil Fields

Summary:
Display range is from 0.00 to 175,000.00 BCFG
Entire range is from 0.00 to 224,404.75 BCFG
After 50,000 trials, the standard error of the mean is 184.28

Statistics:	Value
Trials	50000
Mean	47,147.98
Median	46,606.74
Mode	0.00
Standard Deviation	41,205.30
Variance	1,697,876,521.92
Skewness	0.46
Kurtosis	2.41
Coefficient of Variability	0.87
Range Minimum	0.00
Range Maximum	224,404.75
Range Width	224,404.75
Mean Standard Error	184.28

Forecast: GA-Risked Gas in Oil Fields

Forecast: GA-Risked Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	22,512.89
60%	32,540.93
55%	40,219.85
50%	46,606.74
45%	52,662.59
40%	58,442.14
35%	64,289.51
30%	70,362.66
25%	76,899.99
20%	84,139.02
15%	92,401.02
10%	102,837.65
5%	118,596.94
0%	224,404.75

End of Forecast

Forecast: GA-Risked NGL in Oil Fields

Summary:
 Display range is from 0.00 to 10,000.00 MMBNGL
 Entire range is from 0.00 to 16,495.53 MMBNGL
 After 50,000 trials, the standard error of the mean is 11.56

Statistics:	Value
Trials	50000
Mean	2,826.54
Median	2,642.28
Mode	0.00
Standard Deviation	2,585.93
Variance	6,687,053.74
Skewness	0.70
Kurtosis	3.05
Coefficient of Variability	0.91
Range Minimum	0.00
Range Maximum	16,495.53
Range Width	16,495.53
Mean Standard Error	11.56
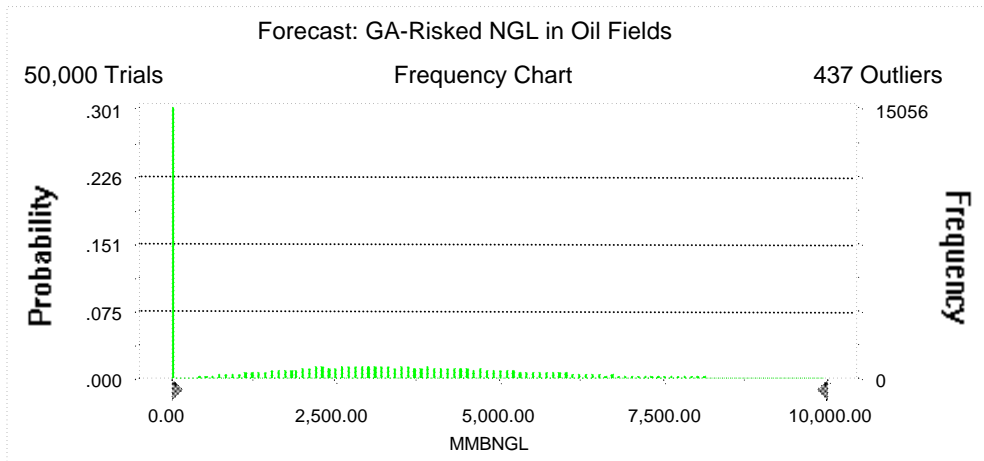
Forecast: GA-Risked NGL in Oil Fields

Forecast: GA-Risked NGL in Oil Fields (cont'd)

Percentiles:

| Percentile	MMBNGL
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	1,266.68
60%	1,820.05
55%	2,263.22
50%	2,642.28
45%	3,003.99
40%	3,364.76
35%	3,737.63
30%	4,125.16
25%	4,540.78
20%	5,027.36
15%	5,588.00
10%	6,329.91
5%	7,499.34
0%	16,495.53

End of Forecast

Forecast: GA-Risked Gas in Gas Fields

Summary:
Display range is from 0.00 to 110,000.00 BCFG
Entire range is from 0.00 to 151,474.39 BCFG
After 50,000 trials, the standard error of the mean is 127.63

Statistics:	Value
Trials	50000
Mean	33,560.81
Median	34,430.20
Mode	0.00
Standard Deviation	28,538.43
Variance	814,441,799.50
Skewness	0.32
Kurtosis	2.11
Coefficient of Variability	0.85
Range Minimum	0.00
Range Maximum	151,474.39
Range Width	151,474.39
Mean Standard Error	127.63
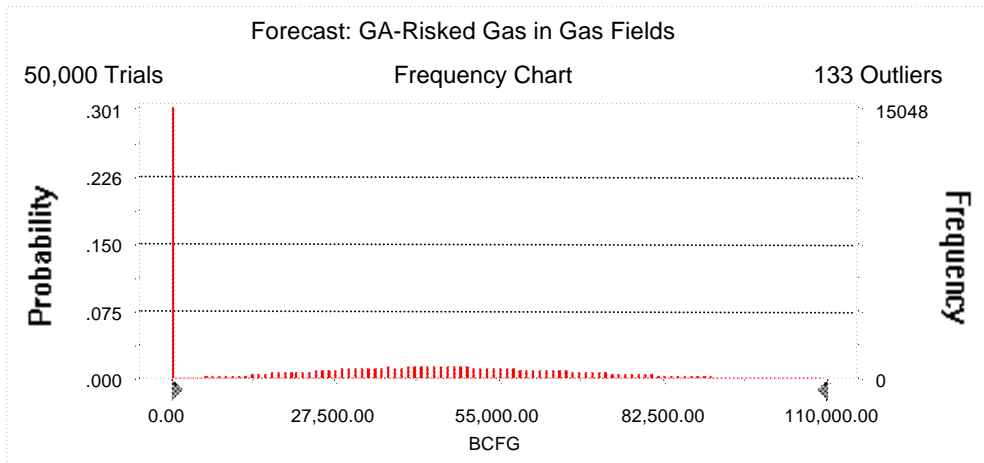
Forecast: GA-Risked Gas in Gas Fields

Forecast: GA-Risked Gas in Gas Fields (cont'd)

Percentiles:

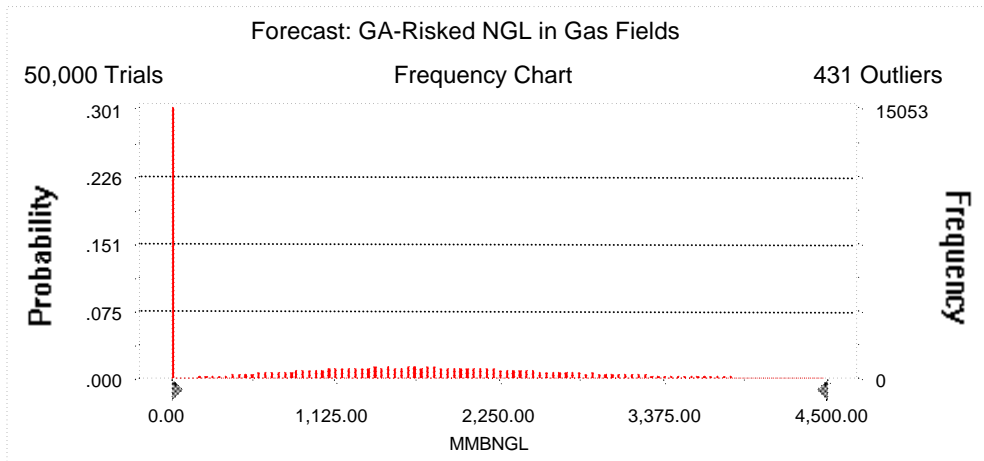| Percentile	BCFG
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	16,875.65
60%	24,119.44
55%	29,759.89
50%	34,430.20
45%	38,707.38
40%	42,791.54
35%	46,722.86
30%	50,793.60
25%	55,275.42
20%	59,975.74
15%	65,309.28
10%	71,823.60
5%	81,179.03
0%	151,474.39

End of Forecast

Forecast: GA-Risked NGL in Gas Fields

Summary:
Display range is from 0.00 to 4,500.00 MMBNGL
Entire range is from 0.00 to 6,968.69 MMBNGL
After 50,000 trials, the standard error of the mean is 5.35

Statistics:	Value
Trials	50000
Mean	1,343.24
Median	1,297.39
Mode	0.00
Standard Deviation	1,197.02
Variance	1,432,856.75
Skewness	0.56
Kurtosis	2.65
Coefficient of Variability	0.89
Range Minimum	0.00
Range Maximum	6,968.69
Range Width	6,968.69
Mean Standard Error	5.35

Forecast: GA-Risked NGL in Gas Fields

Forecast: GA-Risked NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	628.83
60%	898.73
55%	1,112.24
50%	1,297.39
45%	1,471.10
40%	1,642.94
35%	1,811.49
30%	1,989.00
25%	2,176.30
20%	2,396.91
15%	2,647.43
10%	2,966.37
5%	3,458.10
0%	6,968.69

End of Forecast

Assumptions

Assumption: Number of Oil Fields
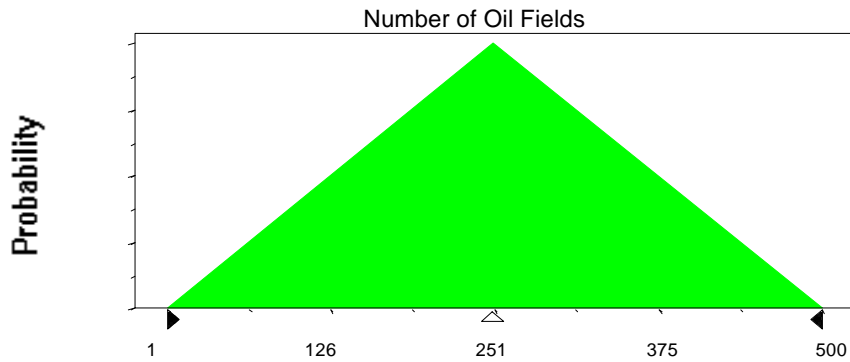
Triangular distribution with parameters:
Minimum   1
Likeliest   249
Maximum   500
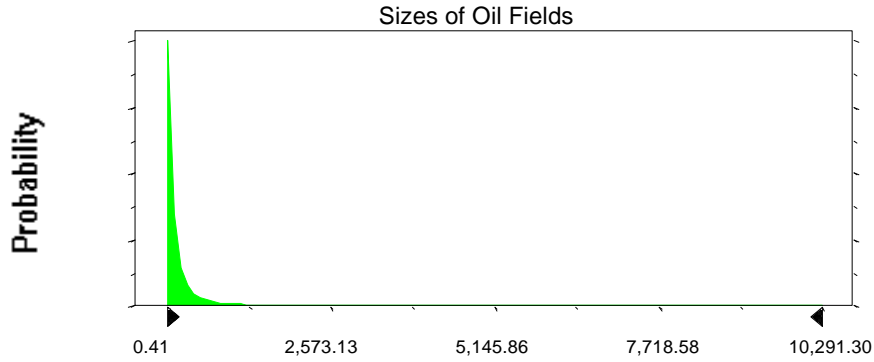
Selected range is from 1 to 500
Mean value in simulation was 251

Number of Oil Fields

Assumption: Sizes of Oil Fields

Lognormal distribution with parameters: Shifted parameters
Mean   270.27   290.27
Standard Deviation   1,090.83   1,090.83

Selected range is from 0.00 to 11,980.00   20.00 to 12,000.00
Mean value in simulation was 249.79   269.79

Assumption: Sizes of Oil Fields (cont'd)

Sizes of Oil Fields

| 0.41 | 2,573.13 | 5,145.86 | 7,718.58 | 10,291.30 |

Assumption: GOR in Oil Fields

Triangular distribution with parameters:
Minimum	500.00
Likeliest	1,000.00
Maximum	1,500.00

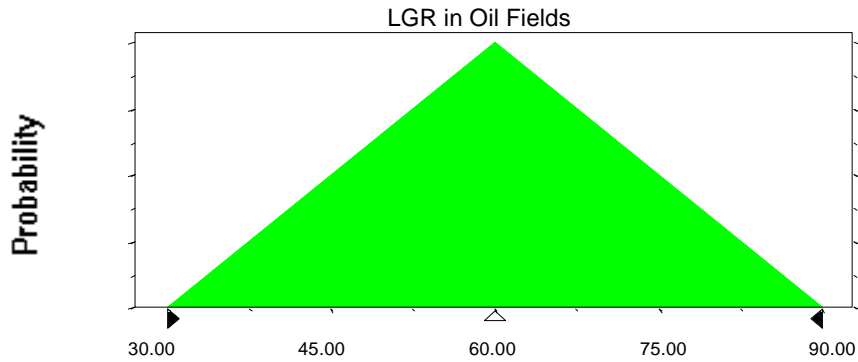Selected range is from 500.00 to 1,500.00
Mean value in simulation was 1,000.38

GOR in Oil Fields

| 500.00 | 750.00 | 1,000.00 | 1,250.00 | 1,500.00 |
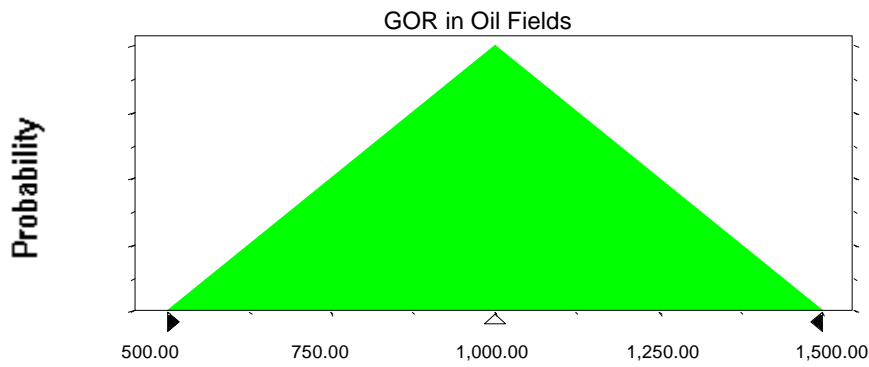
Assumption: LGR in Oil Fields

Triangular distribution with parameters:
Minimum   30.00
Likeliest   60.00
Maximum   90.00

Selected range is from 30.00 to 90.00
Mean value in simulation was 60.00

LGR in Oil Fields

Assumption: Number of Gas Fields

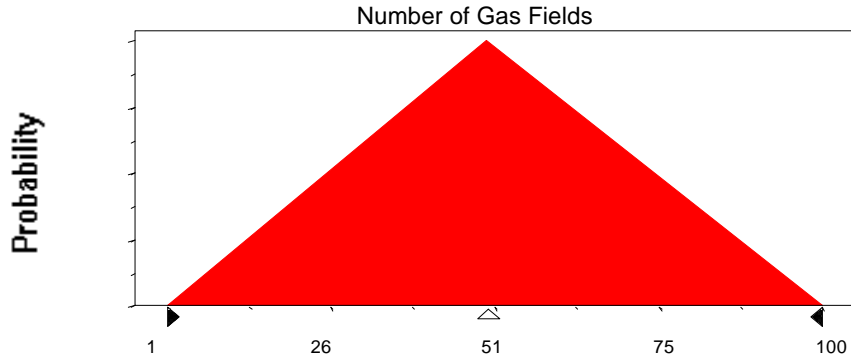Triangular distribution with parameters:
Minimum   1
Likeliest   49
Maximum   100

Selected range is from 1 to 100
Mean value in simulation was 50

Assumption: Number of Gas Fields (cont'd)

Number of Gas Fields

Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters	
Mean	862.85		982.85
Standard Deviation	1,759.01		1,759.01

Selected range is from 0.00 to 19,880.00   120.00 to 20,000.00
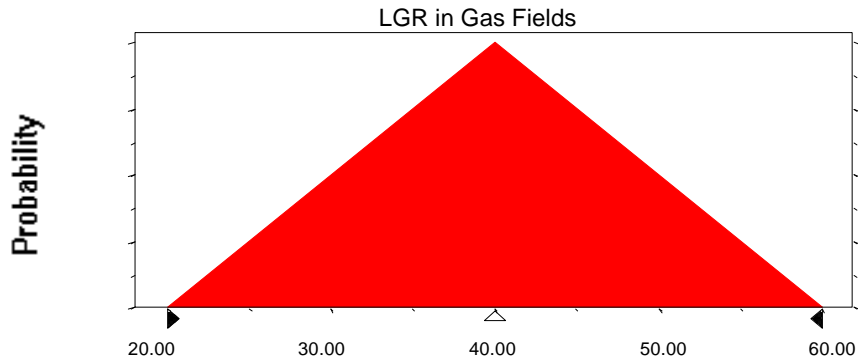Mean value in simulation was 837.38   957.38
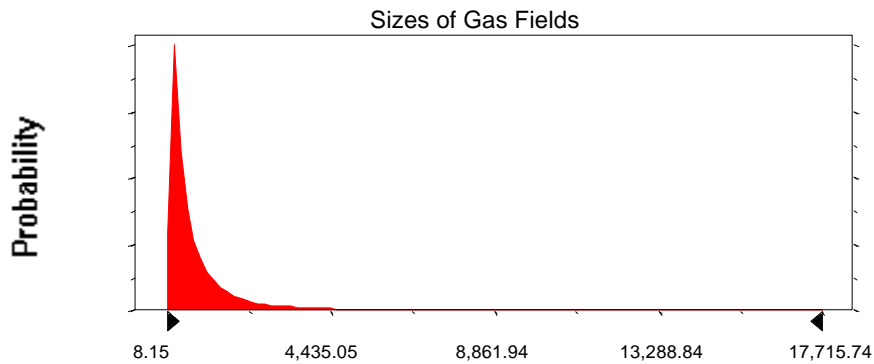
Sizes of Gas Fields

Assumption: LGR in Gas Fields

Triangular distribution with parameters:
Minimum	20.00
Likeliest	40.00
Maximum	60.00

Selected range is from 20.00 to 60.00
Mean value in simulation was 40.02

LGR in Gas Fields

End of Assumptions

Simulation started on 1/3/00 at 12:40:07
Simulation stopped on 1/3/00 at 14:46:14