Go to Table of Contents

Go to index map

Central Burma Basin, Assessment Unit 80480101
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	1	1.00	75	446	1,192	516	158	951	2,751	1,134	9	55	171	68	23	95	329	123
Gas Fields	6						133	759	2,011	874	4	26	73	31	50	175	540	217
Total		1.00	75	446	1,192	516	291	1,709	4,763	2,008	13	81	244	99				

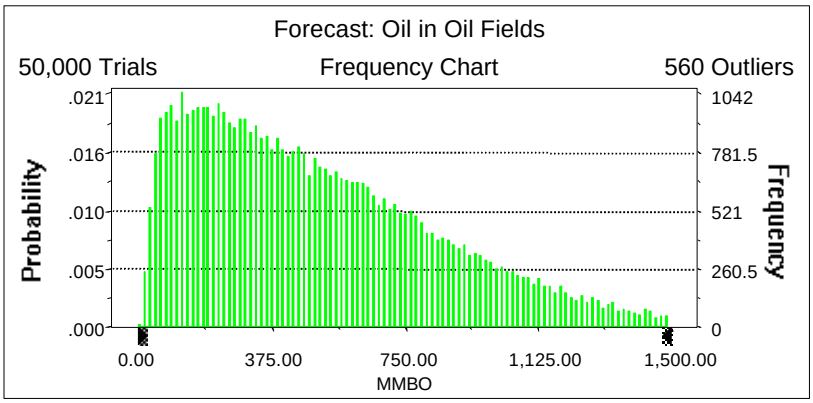
80480101
Central Burma Basin
Monte Carlo Results

Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 1,500.00 MMBO
Entire range is from 11.29 to 2,598.80 MMBO
After 50,000 trials, the standard error of the mean is 1.59

Statistics:	Value
Trials	50000
Mean	515.63
Median	446.33
Mode	---
Standard Deviation	355.23
Variance	126,189.05
Skewness	0.90
Kurtosis	3.56
Coefficient of Variability	0.69
Range Minimum	11.29
Range Maximum	2,598.80
Range Width	2,587.51
Mean Standard Error	1.59



80480101
Central Burma Basin
Monte Carlo Results

Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	11.29
95%	74.97
90%	114.04
85%	152.14
80%	191.17
75%	230.05
70%	269.46
65%	310.79
60%	353.65
55%	398.83
50%	446.33
45%	496.40
40%	549.61
35%	605.67
30%	665.13
25%	733.17
20%	807.27
15%	901.12
10%	1,018.59
5%	1,191.96
0%	2,598.80

End of Forecast

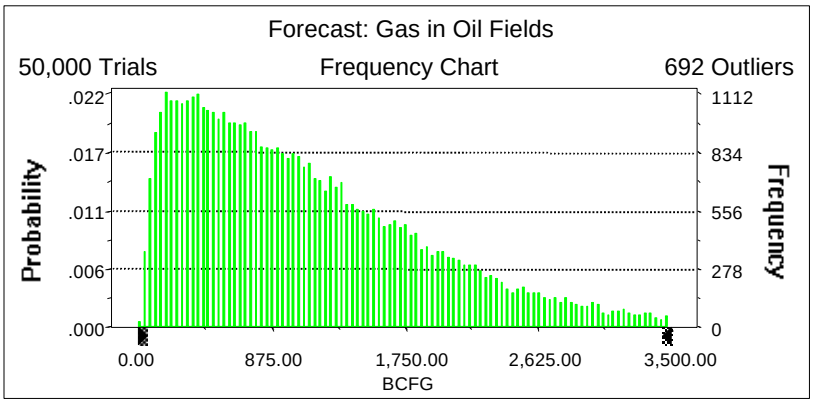
80480101
Central Burma Basin
Monte Carlo Results

Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 3,500.00 BCFG
Entire range is from 20.96 to 7,002.40 BCFG
After 50,000 trials, the standard error of the mean is 3.72

Statistics:	Value
Trials	50000
Mean	1,134.10
Median	950.57
Mode	---
Standard Deviation	831.21
Variance	690,908.32
Skewness	1.15
Kurtosis	4.55
Coefficient of Variability	0.73
Range Minimum	20.96
Range Maximum	7,002.40
Range Width	6,981.45
Mean Standard Error	3.72



80480101
Central Burma Basin
Monte Carlo Results

Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	20.96
95%	158.23
90%	237.24
85%	320.37
80%	400.61
75%	482.60
70%	569.91
65%	658.31
60%	749.68
55%	848.28
50%	950.57
45%	1,059.32
40%	1,172.35
35%	1,299.92
30%	1,440.15
25%	1,598.47
20%	1,776.41
15%	1,995.99
10%	2,276.72
5%	2,751.23
0%	7,002.40

End of Forecast

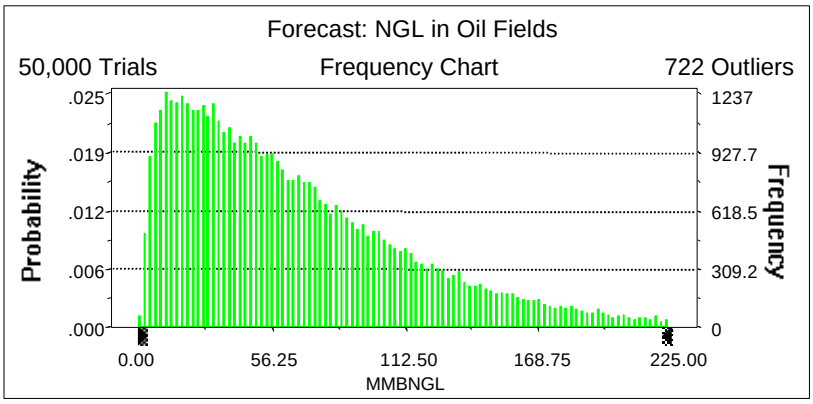
80480101
Central Burma Basin
Monte Carlo Results

Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 225.00 MMBNGL
Entire range is from 1.17 to 472.22 MMBNGL
After 50,000 trials, the standard error of the mean is 0.24

Statistics:	Value
Trials	50000
Mean	68.15
Median	55.40
Mode	---
Standard Deviation	52.76
Variance	2,783.25
Skewness	1.37
Kurtosis	5.45
Coefficient of Variability	0.77
Range Minimum	1.17
Range Maximum	472.22
Range Width	471.05
Mean Standard Error	0.24



80480101
Central Burma Basin
Monte Carlo Results

Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	1.17
95%	8.91
90%	13.65
85%	18.37
80%	23.07
75%	28.00
70%	32.85
65%	38.13
60%	43.74
55%	49.37
50%	55.40
45%	61.75
40%	69.01
35%	76.35
30%	85.04
25%	95.07
20%	106.34
15%	120.48
10%	139.80
5%	171.22
0%	472.22

End of Forecast

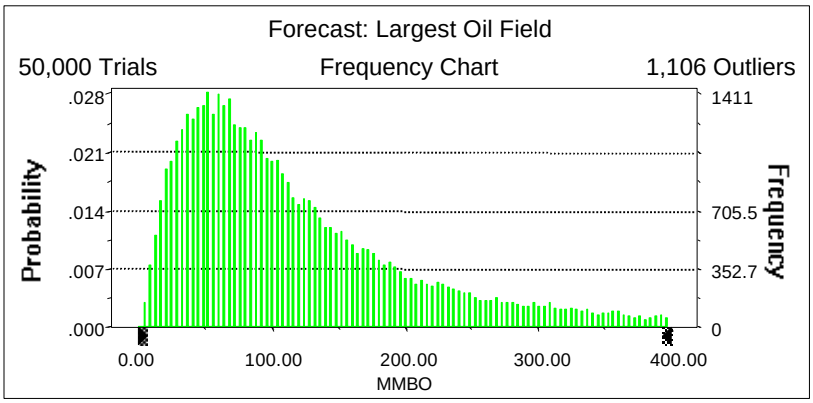
80480101
Central Burma Basin
Monte Carlo Results

Forecast: Largest Oil Field

Summary:

Display range is from 0.00 to 400.00 MMBO
Entire range is from 2.80 to 499.97 MMBO
After 50,000 trials, the standard error of the mean is 0.42

Statistics:	Value
Trials	50000
Mean	123.29
Median	95.47
Mode	---
Standard Deviation	95.02
Variance	9,028.46
Skewness	1.47
Kurtosis	5.06
Coefficient of Variability	0.77
Range Minimum	2.80
Range Maximum	499.97
Range Width	497.18
Mean Standard Error	0.42



80480101
Central Burma Basin
Monte Carlo Results

Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	2.80
95%	22.70
90%	32.21
85%	40.34
80%	48.09
75%	55.36
70%	62.79
65%	70.26
60%	78.24
55%	86.87
50%	95.47
45%	105.35
40%	116.27
35%	129.52
30%	144.20
25%	161.86
20%	183.93
15%	214.42
10%	256.96
5%	328.74
0%	499.97

End of Forecast

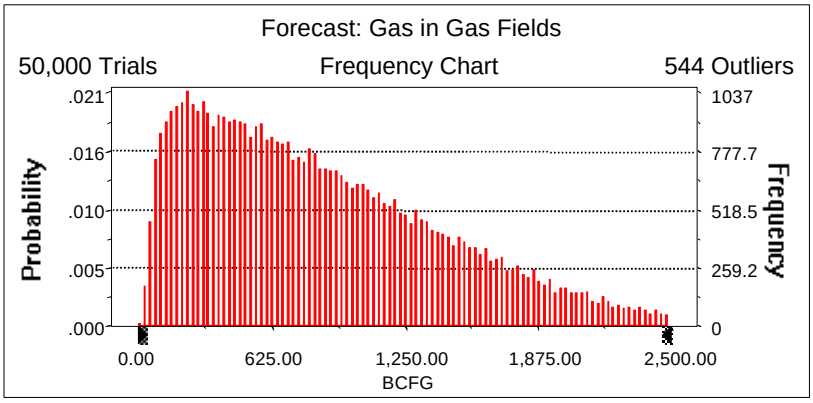
80480101
Central Burma Basin
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 2,500.00 BCFG
Entire range is from 15.57 to 4,262.42 BCFG
After 50,000 trials, the standard error of the mean is 2.66

Statistics:	Value
Trials	50000
Mean	874.33
Median	758.91
Mode	---
Standard Deviation	595.59
Variance	354,729.14
Skewness	0.86
Kurtosis	3.39
Coefficient of Variability	0.68
Range Minimum	15.57
Range Maximum	4,262.42
Range Width	4,246.85
Mean Standard Error	2.66



80480101
Central Burma Basin
Monte Carlo Results

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	15.57
95%	132.61
90%	198.49
85%	260.57
80%	324.69
75%	392.01
70%	460.33
65%	530.53
60%	601.82
55%	677.89
50%	758.91
45%	840.84
40%	930.93
35%	1,027.09
30%	1,131.63
25%	1,246.08
20%	1,375.06
15%	1,531.33
10%	1,722.05
5%	2,011.46
0%	4,262.42

End of Forecast

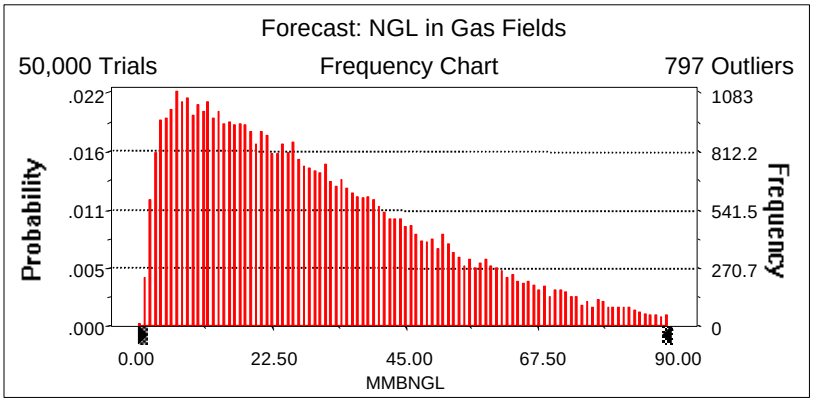
80480101
Central Burma Basin
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 90.00 MMBNGL
Entire range is from 0.41 to 164.42 MMBNGL
After 50,000 trials, the standard error of the mean is 0.10

Statistics:	Value
Trials	50000
Mean	30.61
Median	25.98
Mode	---
Standard Deviation	21.84
Variance	476.83
Skewness	1.04
Kurtosis	4.02
Coefficient of Variability	0.71
Range Minimum	0.41
Range Maximum	164.42
Range Width	164.00
Mean Standard Error	0.10



80480101
Central Burma Basin
Monte Carlo Results

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.41
95%	4.44
90%	6.65
85%	8.83
80%	11.06
75%	13.32
70%	15.65
65%	18.06
60%	20.58
55%	23.21
50%	25.98
45%	28.82
40%	31.99
35%	35.31
30%	39.00
25%	43.10
20%	47.90
15%	53.67
10%	61.34
5%	72.79
0%	164.42

End of Forecast

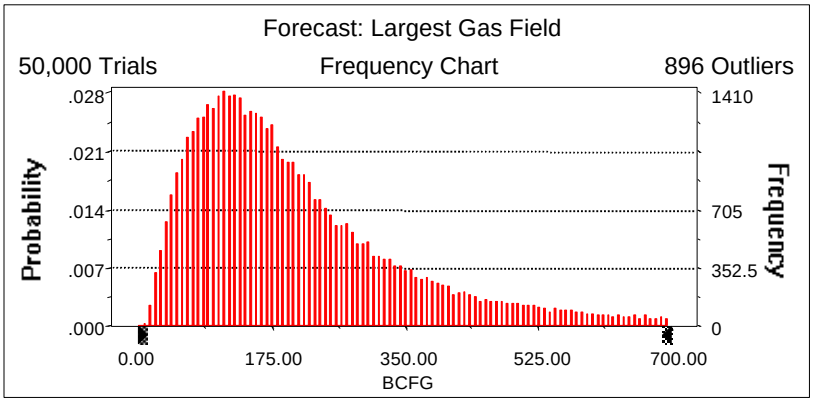
80480101
Central Burma Basin
Monte Carlo Results

Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 700.00 BCFG
Entire range is from 7.82 to 899.86 BCFG
After 50,000 trials, the standard error of the mean is 0.69

Statistics:	Value
Trials	50000
Mean	216.79
Median	175.25
Mode	---
Standard Deviation	154.35
Variance	23,824.87
Skewness	1.56
Kurtosis	5.71
Coefficient of Variability	0.71
Range Minimum	7.82
Range Maximum	899.86
Range Width	892.03
Mean Standard Error	0.69



80480101
Central Burma Basin
Monte Carlo Results

Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	7.82
95%	50.15
90%	67.56
85%	81.97
80%	95.93
75%	108.75
70%	121.29
65%	133.94
60%	147.34
55%	160.97
50%	175.25
45%	190.70
40%	208.52
35%	227.69
30%	250.71
25%	278.22
20%	312.22
15%	357.57
10%	422.84
5%	540.49
0%	899.86

End of Forecast

80480101
Central Burma Basin
Monte Carlo Results

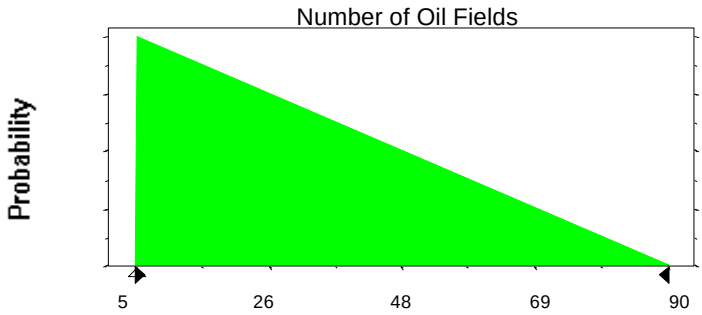
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	5
Likeliest	5
Maximum	90

Selected range is from 5 to 90
Mean value in simulation was 34



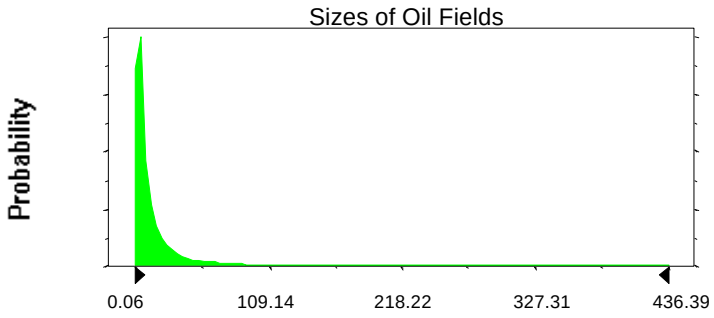
Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	15.17	16.17
Standard Deviation	43.43	43.43

Selected range is from 0.00 to 499.00	1.00 to 500.00
Mean value in simulation was 14.59	15.59

80480101
Central Burma Basin
Monte Carlo Results

Assumption: Sizes of Oil Fields (cont'd)

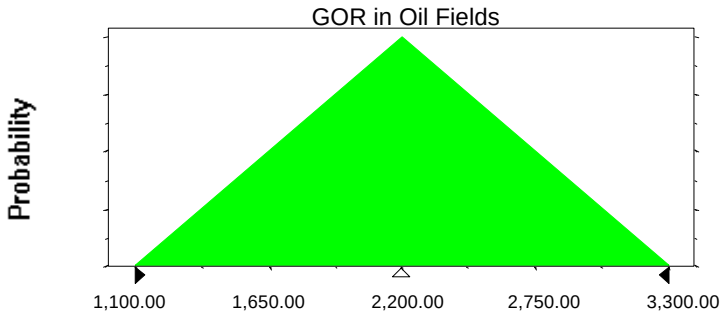


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	1,100.00
Likeliest	2,200.00
Maximum	3,300.00

Selected range is from 1,100.00 to 3,300.00
Mean value in simulation was 2,197.50



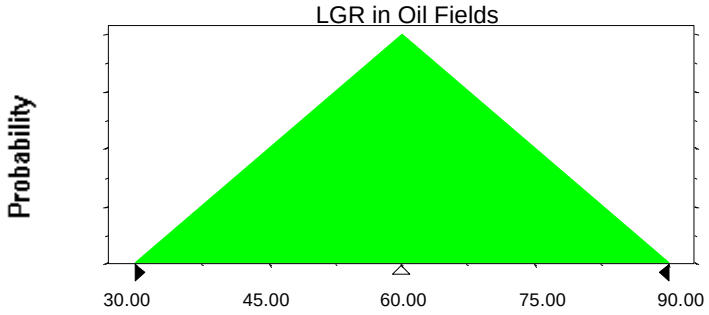
80480101
Central Burma Basin
Monte Carlo Results

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
Mean value in simulation was 60.12



Assumption: Number of Gas Fields

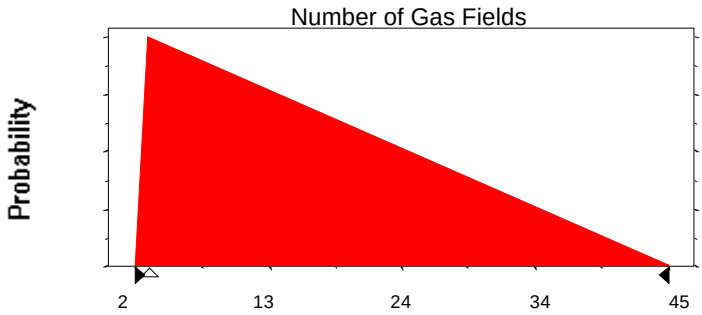
Triangular distribution with parameters:

Minimum	2
Likeliest	3
Maximum	45

Selected range is from 2 to 45
Mean value in simulation was 17

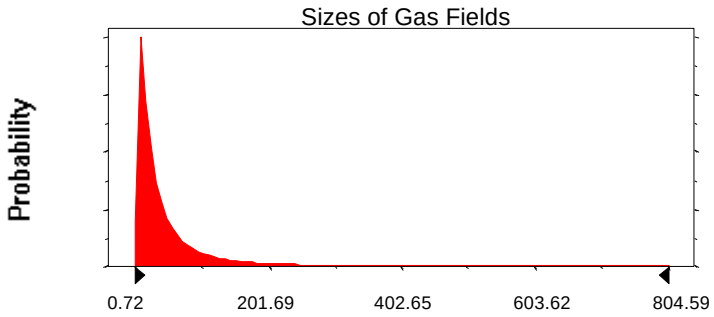
80480101
Central Burma Basin
Monte Carlo Results

Assumption: Number of Gas Fields (cont'd)



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	47.63	53.63
Standard Deviation	81.64	81.64
Selected range is from 0.00 to 894.00		6.00 to 900.00
Mean value in simulation was 46.24		52.24



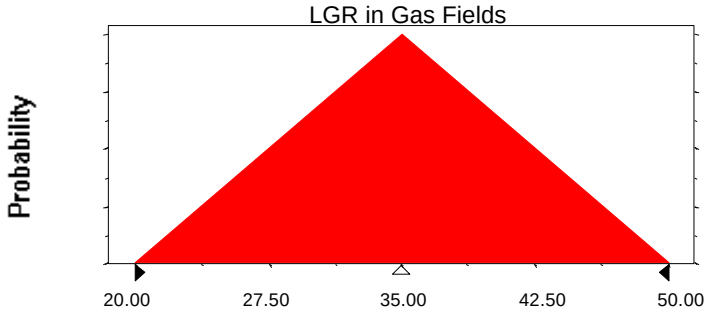
80480101
Central Burma Basin
Monte Carlo Results

Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	20.00
Likeliest	35.00
Maximum	50.00

Selected range is from 20.00 to 50.00
Mean value in simulation was 34.99



End of Assumptions

Simulation started on 8/20/99 at 15:22:42
Simulation stopped on 8/20/99 at 15:57:08