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Dingo-Mungaroo/Barrow, Assessment Unit 39480101
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	821	2,217	3,787	2,249	2,389	6,536	11,849	6,745	113	319	619	337	103	233	496	257
Gas Fields	6						17,815	50,332	79,472	49,635	1,041	2,958	5,002	2,977	1,991	4,392	8,637	4,727
Total		1.00	821	2,217	3,787	2,249	20,204	56,868	91,321	56,380	1,154	3,277	5,621	3,314				

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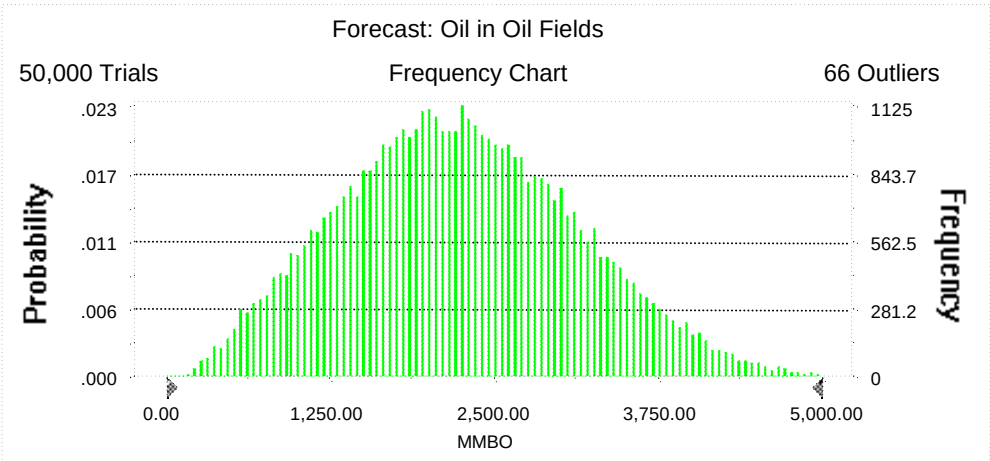
Monte Carlo Results

Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 5,000.00 MMBO
Entire range is from 159.55 to 5,745.57 MMBO
After 50,000 trials, the standard error of the mean is 4.00

Statistics:	Value
Trials	50000
Mean	2,249.08
Median	2,216.64
Mode	---
Standard Deviation	895.46
Variance	801,857.55
Skewness	0.23
Kurtosis	2.68
Coefficient of Variability	0.40
Range Minimum	159.55
Range Maximum	5,745.57
Range Width	5,586.02
Mean Standard Error	4.00



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Monte Carlo Results

Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	159.55
95%	820.98
90%	1,085.91
85%	1,282.28
80%	1,450.69
75%	1,602.05
70%	1,735.29
65%	1,859.36
60%	1,980.61
55%	2,093.00
50%	2,216.64
45%	2,330.67
40%	2,452.76
35%	2,581.10
30%	2,714.57
25%	2,861.62
20%	3,021.90
15%	3,208.21
10%	3,444.12
5%	3,787.19
0%	5,745.57

End of Forecast

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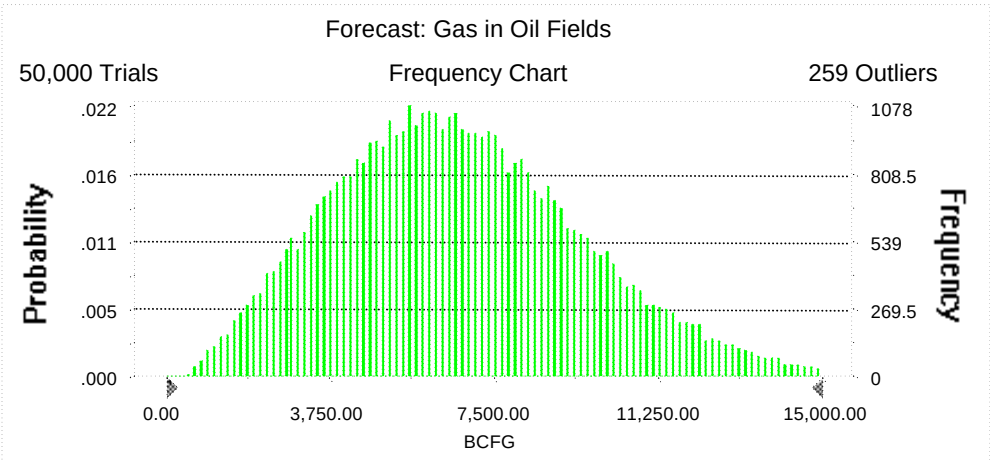
Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 15,000.00 BCFG
Entire range is from 431.86 to 20,044.78 BCFG
After 50,000 trials, the standard error of the mean is 12.83

Statistics:	Value
Trials	50000
Mean	6,744.68
Median	6,535.82
Mode	---
Standard Deviation	2,867.81
Variance	8,224,321.07
Skewness	0.45
Kurtosis	3.06
Coefficient of Variability	0.43
Range Minimum	431.86
Range Maximum	20,044.78
Range Width	19,612.93
Mean Standard Error	12.83



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Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	431.86
95%	2,388.84
90%	3,159.38
85%	3,729.45
80%	4,217.66
75%	4,658.20
70%	5,063.24
65%	5,446.13
60%	5,810.43
55%	6,166.16
50%	6,535.82
45%	6,901.63
40%	7,291.00
35%	7,678.95
30%	8,116.58
25%	8,585.99
20%	9,104.98
15%	9,751.37
10%	10,560.80
5%	11,849.22
0%	20,044.78

End of Forecast

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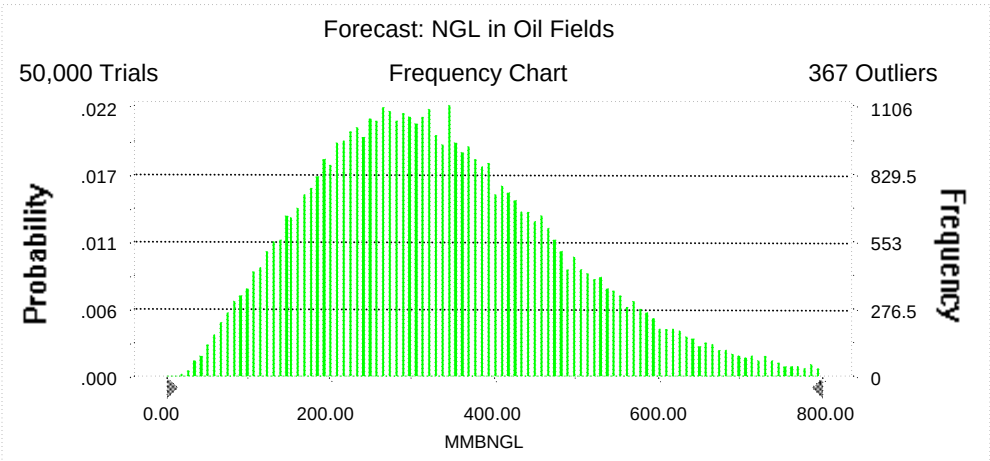
Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 800.00 MMBNGL
Entire range is from 15.69 to 1,350.54 MMBNGL
After 50,000 trials, the standard error of the mean is 0.69

Statistics:	Value
Trials	50000
Mean	336.57
Median	319.28
Mode	---
Standard Deviation	155.02
Variance	24,030.49
Skewness	0.68
Kurtosis	3.58
Coefficient of Variability	0.46
Range Minimum	15.69
Range Maximum	1,350.54
Range Width	1,334.84
Mean Standard Error	0.69



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Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	15.69
95%	113.30
90%	150.15
85%	178.46
80%	202.33
75%	223.79
70%	243.59
65%	263.08
60%	281.42
55%	300.13
50%	319.28
45%	338.44
40%	358.35
35%	379.99
30%	403.40
25%	430.03
20%	460.08
15%	496.72
10%	544.60
5%	618.82
0%	1,350.54

End of Forecast

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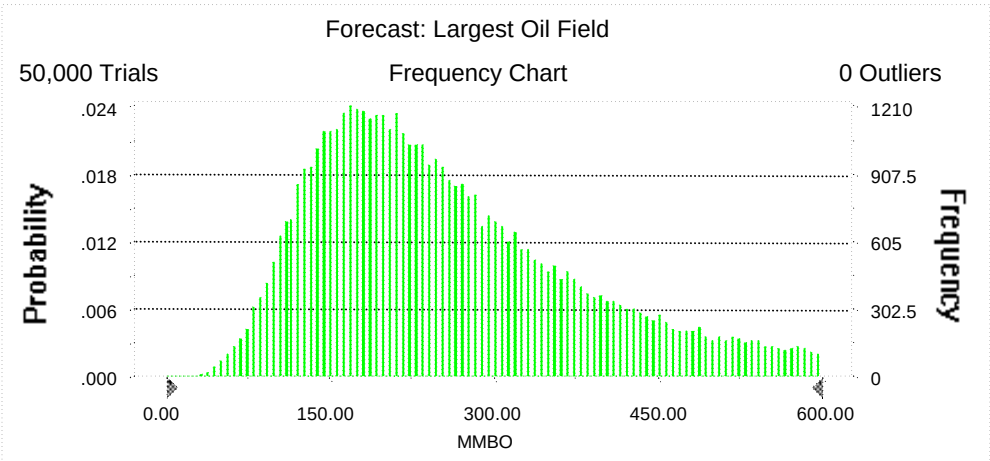
Forecast: Largest Oil Field

Summary:

Display range is from 0.00 to 600.00 MMBO
Entire range is from 25.99 to 599.89 MMBO
After 50,000 trials, the standard error of the mean is 0.53

Statistics:	Value
Trials	50000
Mean	256.57
Median	232.85
Mode	---
Standard Deviation	118.39
Variance	14,015.20
Skewness	0.77
Kurtosis	3.01
Coefficient of Variability	0.46
Range Minimum	25.99
Range Maximum	599.89
Range Width	573.90
Mean Standard Error	0.53



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Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	25.99
95%	102.86
90%	123.93
85%	139.94
80%	153.90
75%	167.12
70%	179.54
65%	192.40
60%	205.25
55%	218.74
50%	232.85
45%	247.94
40%	264.05
35%	281.92
30%	302.34
25%	325.31
20%	353.83
15%	387.70
10%	432.99
5%	496.04
0%	599.89

End of Forecast

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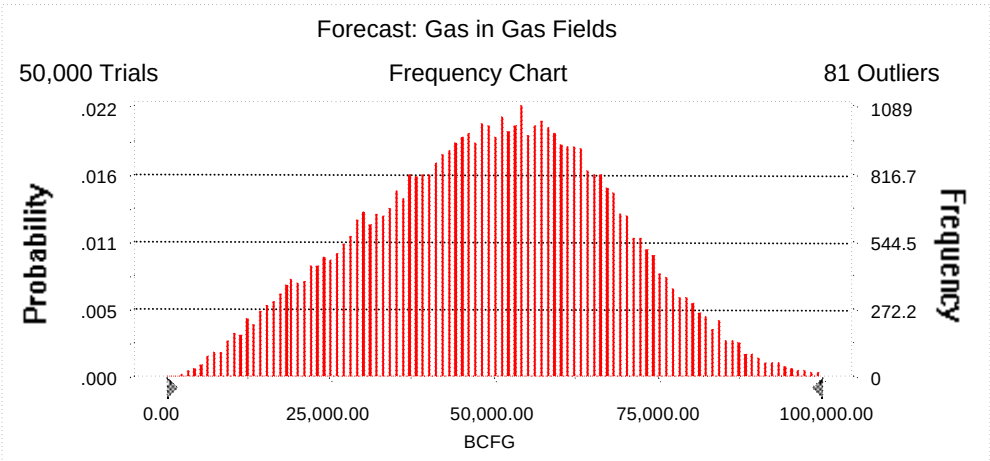
Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 100,000.00 BCFG
Entire range is from 1,685.99 to 124,464.64 BCFG
After 50,000 trials, the standard error of the mean is 83.12

Statistics:	Value
Trials	50000
Mean	49,635.48
Median	50,332.25
Mode	---
Standard Deviation	18,585.99
Variance	345,439,083.44
Skewness	-0.05
Kurtosis	2.55
Coefficient of Variability	0.37
Range Minimum	1,685.99
Range Maximum	124,464.64
Range Width	122,778.65
Mean Standard Error	83.12



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Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	1,685.99
95%	17,815.12
90%	24,074.52
85%	28,970.96
80%	32,852.64
75%	36,479.54
70%	39,623.31
65%	42,569.75
60%	45,243.07
55%	47,851.54
50%	50,332.25
45%	52,818.92
40%	55,237.12
35%	57,708.96
30%	60,291.32
25%	62,936.42
20%	65,858.57
15%	69,108.60
10%	73,264.68
5%	79,471.75
0%	124,464.64

End of Forecast

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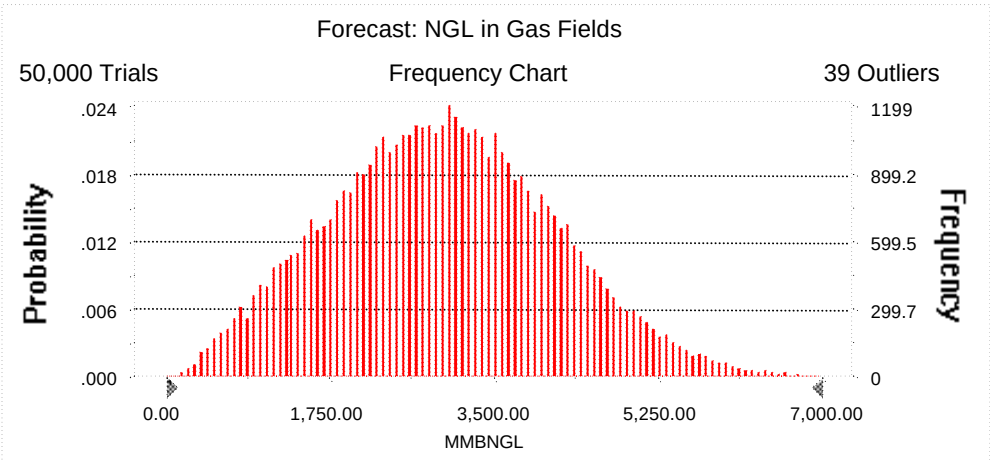
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 7,000.00 MMBNGL
Entire range is from 95.17 to 9,191.08 MMBNGL
After 50,000 trials, the standard error of the mean is 5.35

Statistics:	Value
Trials	50000
Mean	2,977.46
Median	2,957.87
Mode	---
Standard Deviation	1,195.25
Variance	1,428,610.66
Skewness	0.20
Kurtosis	2.78
Coefficient of Variability	0.40
Range Minimum	95.17
Range Maximum	9,191.08
Range Width	9,095.91
Mean Standard Error	5.35



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Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	95.17
95%	1,041.04
90%	1,402.00
85%	1,679.08
80%	1,920.91
75%	2,124.19
70%	2,305.99
65%	2,476.71
60%	2,640.62
55%	2,797.82
50%	2,957.87
45%	3,107.80
40%	3,267.75
35%	3,428.74
30%	3,600.13
25%	3,789.10
20%	4,001.99
15%	4,240.45
10%	4,535.15
5%	5,002.22
0%	9,191.08

End of Forecast

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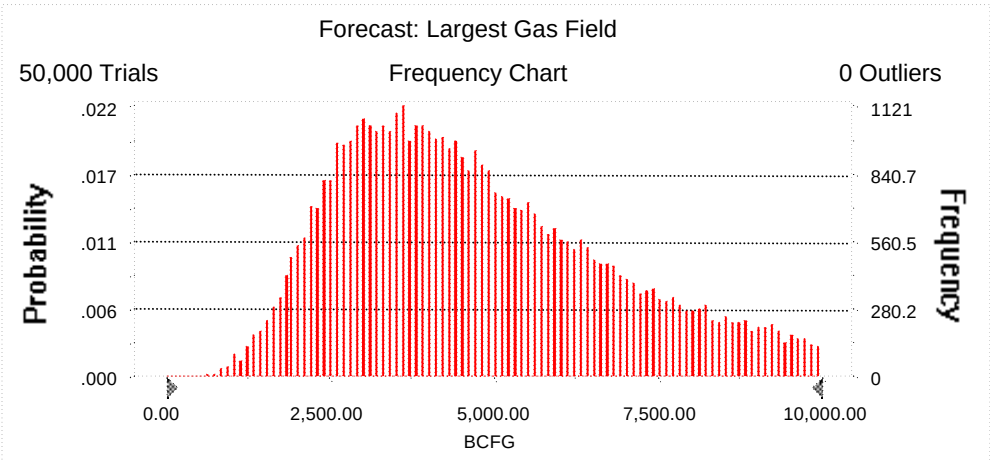
Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 10,000.00 BCFG
Entire range is from 295.03 to 9,999.33 BCFG
After 50,000 trials, the standard error of the mean is 8.96

Statistics:	Value
Trials	50000
Mean	4,727.03
Median	4,392.38
Mode	---
Standard Deviation	2,003.78
Variance	4,015,114.43
Skewness	0.57
Kurtosis	2.63
Coefficient of Variability	0.42
Range Minimum	295.03
Range Maximum	9,999.33
Range Width	9,704.30
Mean Standard Error	8.96



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Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	295.03
95%	1,991.18
90%	2,389.27
85%	2,681.89
80%	2,939.12
75%	3,175.26
70%	3,418.01
65%	3,652.63
60%	3,893.93
55%	4,137.80
50%	4,392.38
45%	4,665.59
40%	4,942.80
35%	5,268.78
30%	5,621.11
25%	6,022.44
20%	6,475.83
15%	7,011.89
10%	7,717.55
5%	8,637.37
0%	9,999.33

End of Forecast

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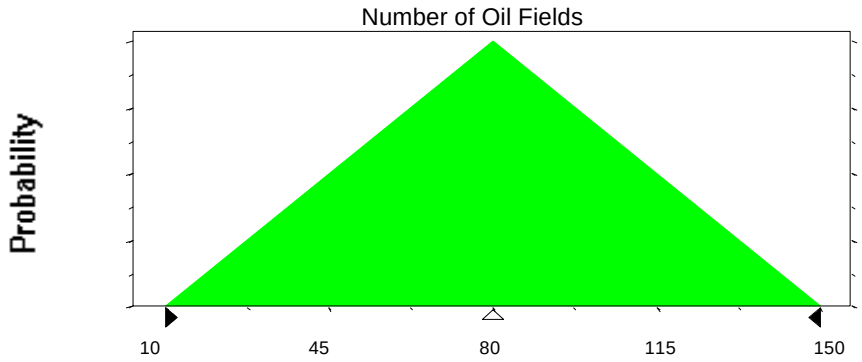
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	10
Likeliest	80
Maximum	150

Selected range is from 10 to 150
Mean value in simulation was 80



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	28.03	29.03
Standard Deviation	53.54	53.54
Selected range is from	0.00 to 599.00	1.00 to 600.00
Mean value in simulation was	27.02	28.02

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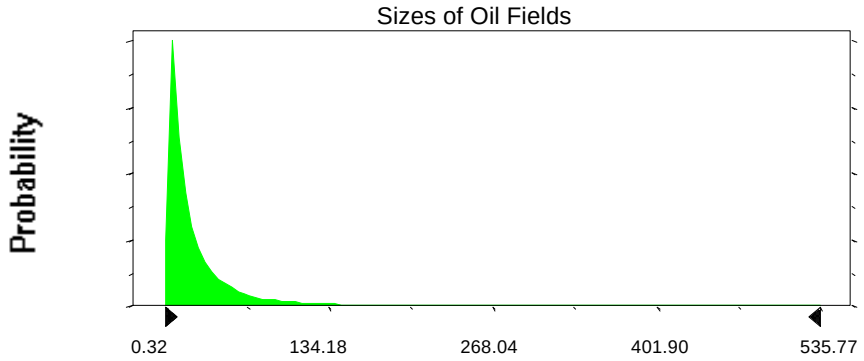
Assumption: Sizes of Oil Fields (cont'd)

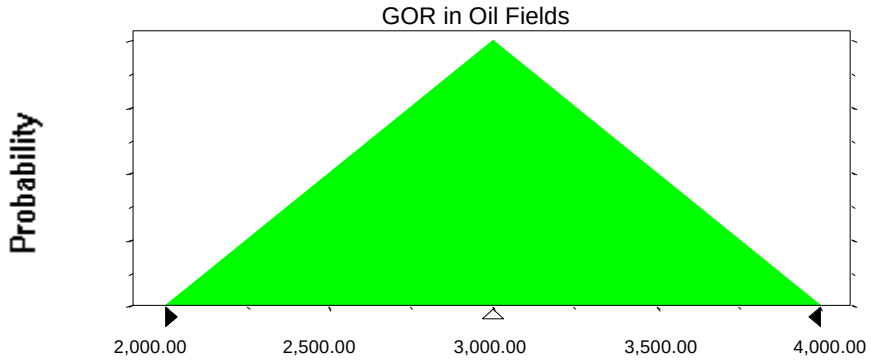


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	2,000.00
Likeliest	3,000.00
Maximum	4,000.00

Selected range is from 2,000.00 to 4,000.00
Mean value in simulation was 2,998.89



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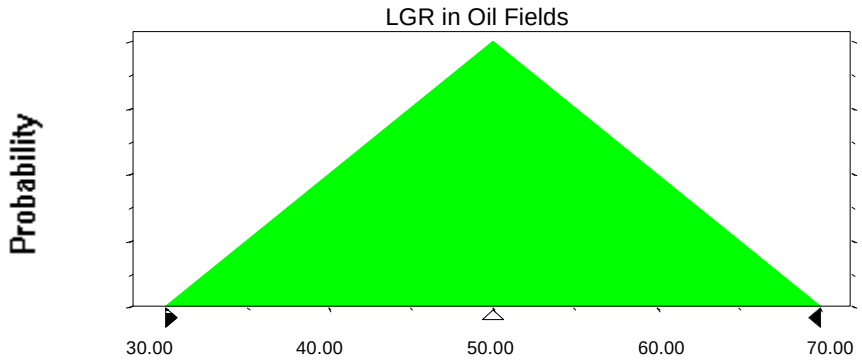
Assumption: LGR in Oil Fields

Triangular distribution with parameters:

Minimum	30.00
Likeliest	50.00
Maximum	70.00

Selected range is from 30.00 to 70.00
Mean value in simulation was 49.91



Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	10
Likeliest	137
Maximum	200

Selected range is from 10 to 200
Mean value in simulation was 116

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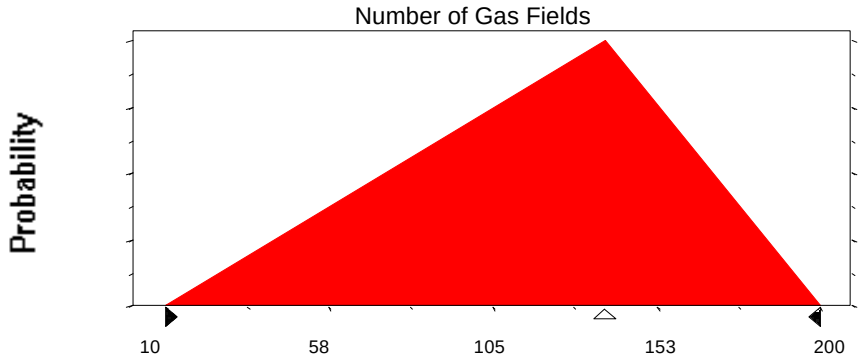
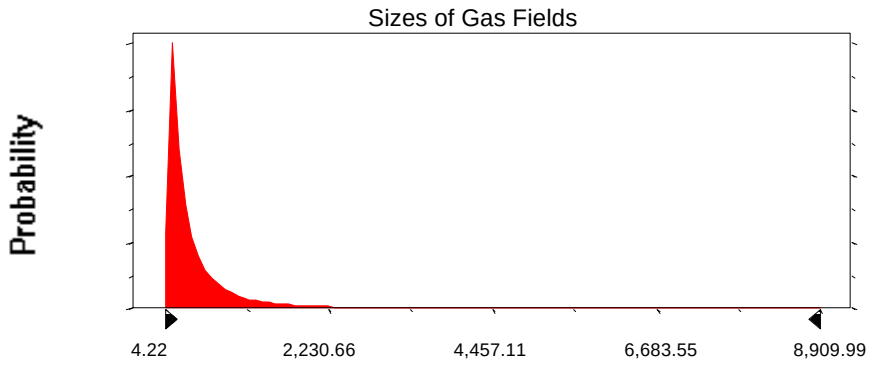
Assumption: Number of Gas Fields (cont'd)



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	437.71	443.71
Standard Deviation	885.27	885.27
Selected range is from 0.00 to 9,994.00		6.00 to 10,000.00
Mean value in simulation was 424.22		430.22



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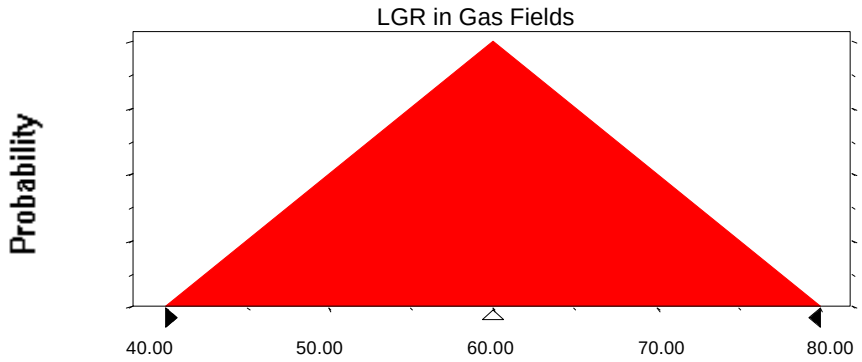
Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	40.00
Likeliest	60.00
Maximum	80.00

Selected range is from 40.00 to 80.00
Mean value in simulation was 60.00



End of Assumptions

Simulation started on 12/8/98 at 15:14:15
Simulation stopped on 12/8/98 at 16:31:26