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Lower Kura Depression and Adjacent Shelf, Assessment Unit 11120102
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	5	1.00	343	1,183	2,522	1,275	966	3,444	8,014	3,831	54	202	501	230	90	274	888	348
Gas Fields	30						7,636	26,527	54,732	28,260	255	907	1,999	989	1,639	5,306	16,980	6,692
Total		1.00	343	1,183	2,522	1,275	8,602	29,971	62,747	32,091	310	1,109	2,500	1,219				

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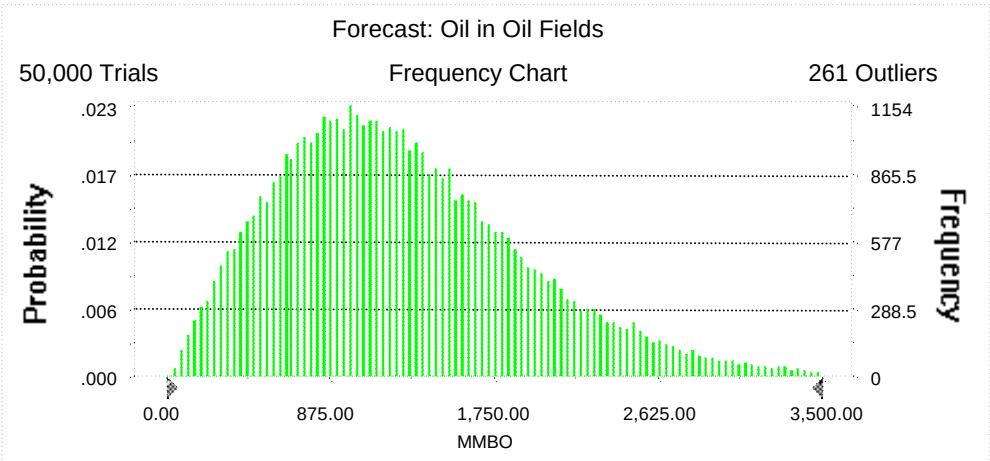
Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 3,500.00 MMBO
Entire range is from 34.34 to 6,686.02 MMBO
After 50,000 trials, the standard error of the mean is 3.01

Statistics:	Value
Trials	50000
Mean	1,275.21
Median	1,183.12
Mode	---
Standard Deviation	673.87
Variance	454,095.77
Skewness	0.84
Kurtosis	3.96
Coefficient of Variability	0.53
Range Minimum	34.34
Range Maximum	6,686.02
Range Width	6,651.69
Mean Standard Error	3.01



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Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	34.34
95%	343.47
90%	484.46
85%	596.15
80%	693.06
75%	779.76
70%	862.65
65%	943.41
60%	1,021.86
55%	1,101.92
50%	1,183.12
45%	1,267.04
40%	1,354.85
35%	1,449.23
30%	1,550.43
25%	1,667.09
20%	1,799.47
15%	1,961.84
10%	2,178.53
5%	2,522.08
0%	6,686.02

End of Forecast

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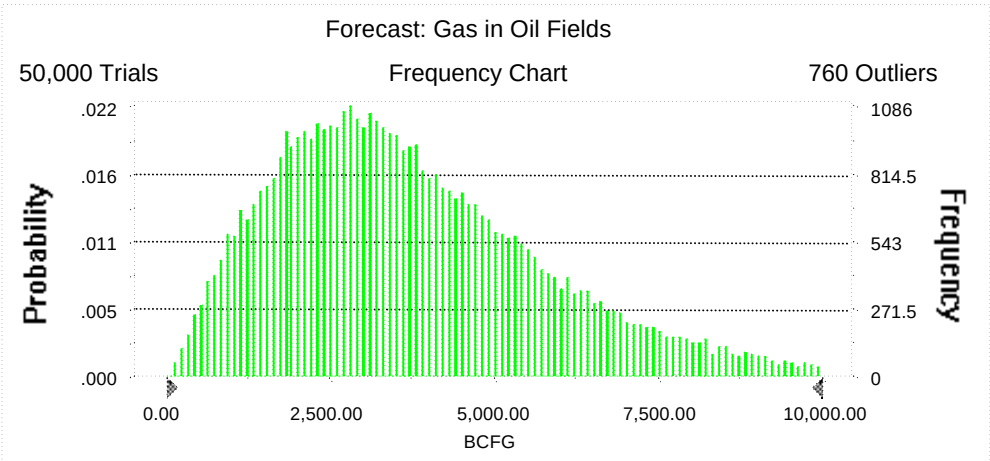
Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 10,000.00 BCFG
Entire range is from 75.46 to 18,678.14 BCFG
After 50,000 trials, the standard error of the mean is 9.89

Statistics:	Value
Trials	50000
Mean	3,830.79
Median	3,443.79
Mode	---
Standard Deviation	2,211.08
Variance	4,888,868.09
Skewness	1.10
Kurtosis	4.87
Coefficient of Variability	0.58
Range Minimum	75.46
Range Maximum	18,678.14
Range Width	18,602.69
Mean Standard Error	9.89



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Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	75.46
95%	965.97
90%	1,360.55
85%	1,690.42
80%	1,957.94
75%	2,218.45
70%	2,472.59
65%	2,716.73
60%	2,952.92
55%	3,193.82
50%	3,443.79
45%	3,705.72
40%	3,982.22
35%	4,300.41
30%	4,643.87
25%	5,023.62
20%	5,459.06
15%	6,018.29
10%	6,761.25
5%	8,014.22
0%	18,678.14

End of Forecast

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Lower Kura Depression and Adjacent Shelf
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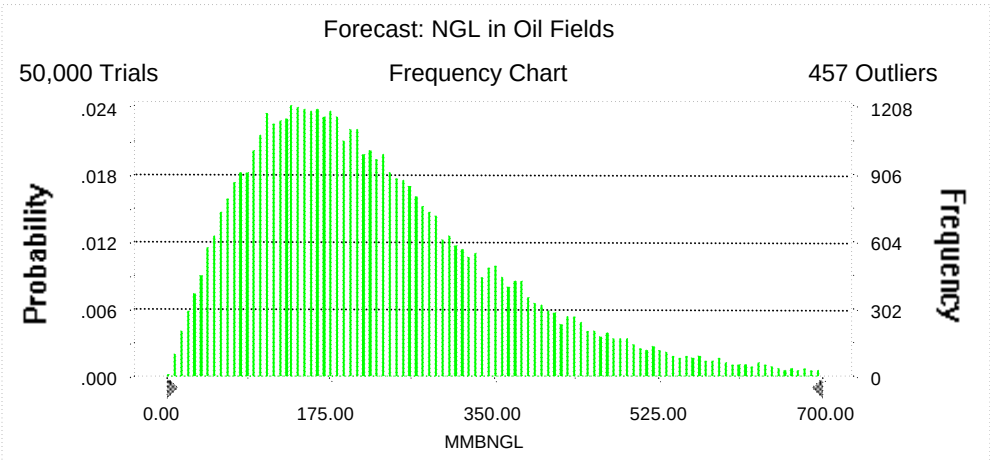
Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 700.00 MMBNGL
Entire range is from 3.73 to 1,504.98 MMBNGL
After 50,000 trials, the standard error of the mean is 0.64

Statistics:	Value
Trials	50000
Mean	229.85
Median	201.65
Mode	---
Standard Deviation	143.03
Variance	20,456.86
Skewness	1.34
Kurtosis	6.05
Coefficient of Variability	0.62
Range Minimum	3.73
Range Maximum	1,504.98
Range Width	1,501.25
Mean Standard Error	0.64



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Monte Carlo Results

Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	3.73
95%	54.41
90%	76.46
85%	95.35
80%	111.12
75%	126.43
70%	141.27
65%	155.83
60%	170.72
55%	185.69
50%	201.65
45%	218.21
40%	235.69
35%	255.33
30%	276.24
25%	301.33
20%	331.47
15%	368.56
10%	418.04
5%	501.15
0%	1,504.98

End of Forecast

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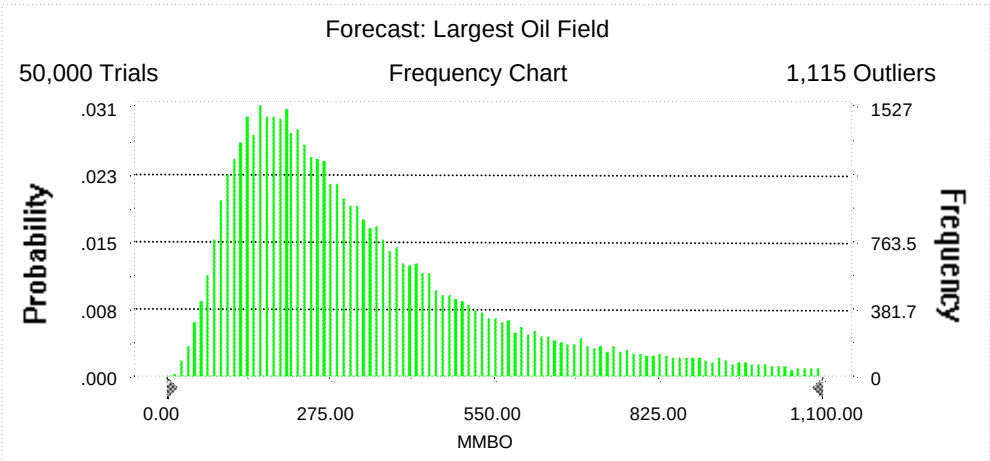
Forecast: Largest Oil Field

Summary:

Display range is from 0.00 to 1,100.00 MMBO
Entire range is from 12.78 to 1,499.66 MMBO
After 50,000 trials, the standard error of the mean is 1.13

Statistics:	Value
Trials	50000
Mean	348.35
Median	274.30
Mode	---
Standard Deviation	253.32
Variance	64,169.72
Skewness	1.69
Kurtosis	6.18
Coefficient of Variability	0.73
Range Minimum	12.78
Range Maximum	1,499.66
Range Width	1,486.88
Mean Standard Error	1.13



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Monte Carlo Results

Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	12.78
95%	89.72
90%	114.44
85%	135.57
80%	155.12
75%	173.28
70%	192.06
65%	210.67
60%	230.52
55%	251.80
50%	274.30
45%	299.81
40%	327.66
35%	359.67
30%	396.28
25%	440.55
20%	497.36
15%	574.21
10%	690.25
5%	888.18
0%	1,499.66

End of Forecast

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Lower Kura Depression and Adjacent Shelf
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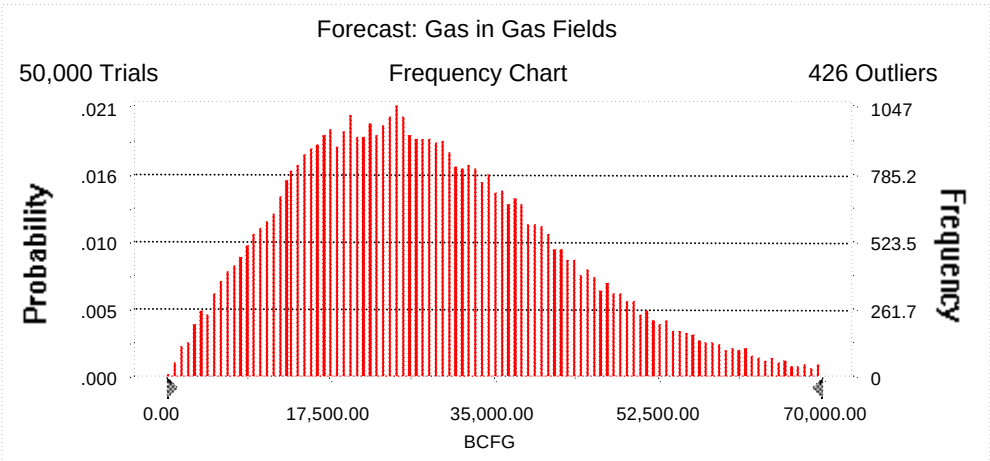
Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 70,000.00 BCFG
Entire range is from 329.28 to 113,899.01 BCFG
After 50,000 trials, the standard error of the mean is 64.75

Statistics:	Value
Trials	50000
Mean	28,260.29
Median	26,527.45
Mode	---
Standard Deviation	14,478.46
Variance	209,625,835.63
Skewness	0.69
Kurtosis	3.52
Coefficient of Variability	0.51
Range Minimum	329.28
Range Maximum	113,899.01
Range Width	113,569.73
Mean Standard Error	64.75



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Lower Kura Depression and Adjacent Shelf
Monte Carlo Results

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	329.28
95%	7,635.64
90%	10,913.66
85%	13,436.04
80%	15,533.51
75%	17,460.35
70%	19,367.75
65%	21,145.57
60%	23,008.53
55%	24,772.61
50%	26,527.45
45%	28,429.24
40%	30,367.23
35%	32,479.73
30%	34,675.97
25%	37,147.01
20%	39,896.52
15%	43,274.38
10%	47,764.51
5%	54,732.40
0%	113,899.01

End of Forecast

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Lower Kura Depression and Adjacent Shelf
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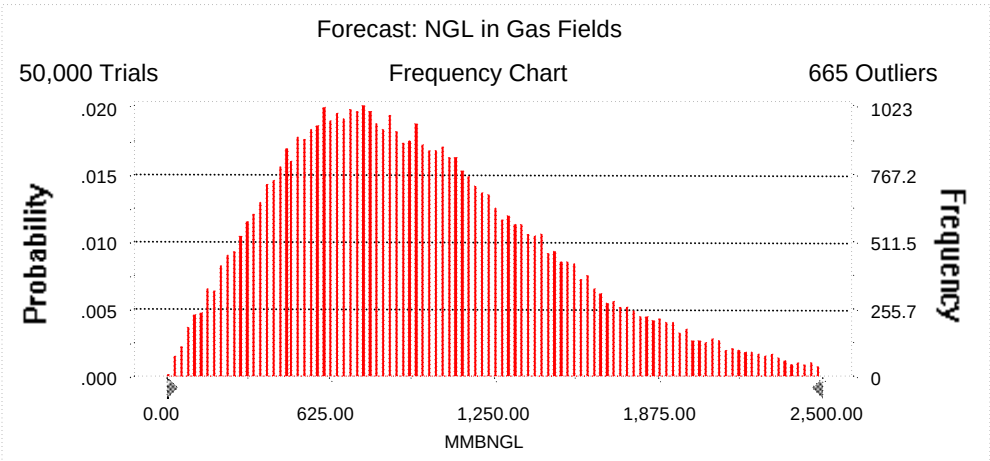
Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 2,500.00 MMBNGL
Entire range is from 13.03 to 4,592.63 MMBNGL
After 50,000 trials, the standard error of the mean is 2.43

Statistics:	Value
Trials	50000
Mean	989.04
Median	907.21
Mode	---
Standard Deviation	543.40
Variance	295,287.42
Skewness	0.92
Kurtosis	4.22
Coefficient of Variability	0.55
Range Minimum	13.03
Range Maximum	4,592.63
Range Width	4,579.59
Mean Standard Error	2.43



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Monte Carlo Results

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	13.03
95%	255.10
90%	365.48
85%	448.39
80%	522.05
75%	588.63
70%	652.26
65%	715.56
60%	776.72
55%	841.29
50%	907.21
45%	975.68
40%	1,048.10
35%	1,122.44
30%	1,205.14
25%	1,301.28
20%	1,409.39
15%	1,539.29
10%	1,718.05
5%	1,998.70
0%	4,592.63

End of Forecast

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Lower Kura Depression and Adjacent Shelf
Monte Carlo Results

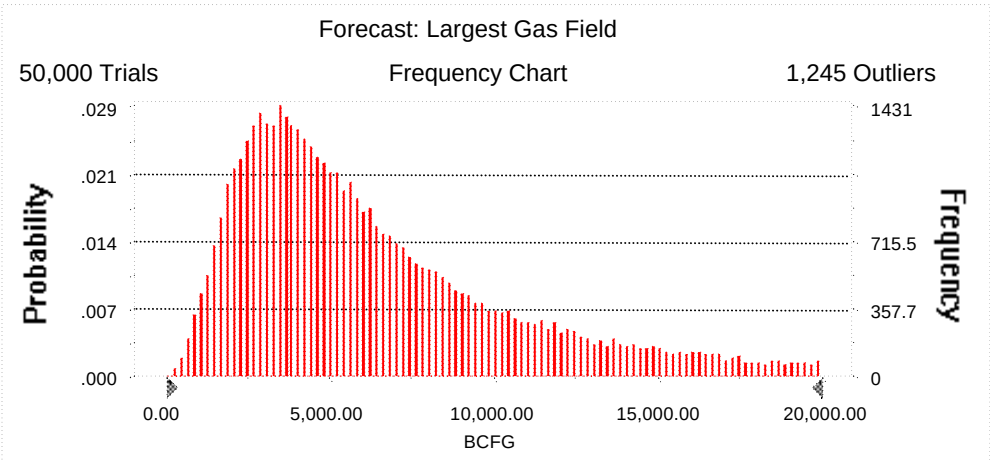
Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 20,000.00 BCFG
Entire range is from 155.92 to 24,985.71 BCFG
After 50,000 trials, the standard error of the mean is 21.24

Statistics:

	Value
Trials	50000
Mean	6,691.50
Median	5,306.17
Mode	---
Standard Deviation	4,749.61
Variance	22,558,841.77
Skewness	1.43
Kurtosis	4.85
Coefficient of Variability	0.71
Range Minimum	155.92
Range Maximum	24,985.71
Range Width	24,829.79
Mean Standard Error	21.24



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Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	155.92
95%	1,639.05
90%	2,144.52
85%	2,566.71
80%	2,934.26
75%	3,309.77
70%	3,655.16
65%	4,033.34
60%	4,425.11
55%	4,852.41
50%	5,306.17
45%	5,795.80
40%	6,343.29
35%	6,989.66
30%	7,740.07
25%	8,633.06
20%	9,786.37
15%	11,345.74
10%	13,487.16
5%	16,979.58
0%	24,985.71

End of Forecast

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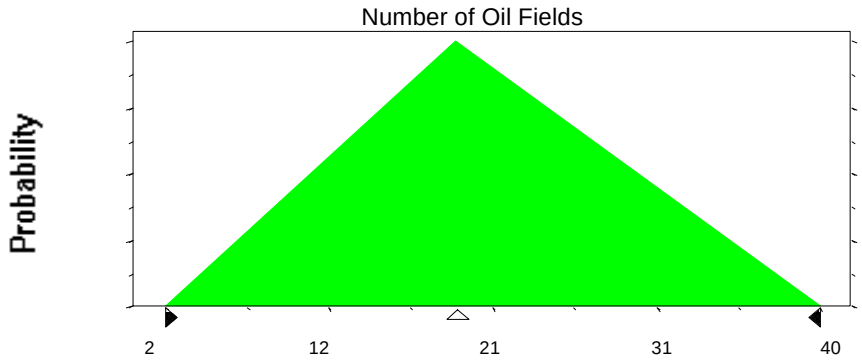
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	2
Likeliest	19
Maximum	40

Selected range is from 2 to 40
Mean value in simulation was 20



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	60.06	65.06
Standard Deviation	131.18	131.18
Selected range is from	0.00 to 1,495.00	5.00 to 1,500.00
Mean value in simulation was	58.64	63.64

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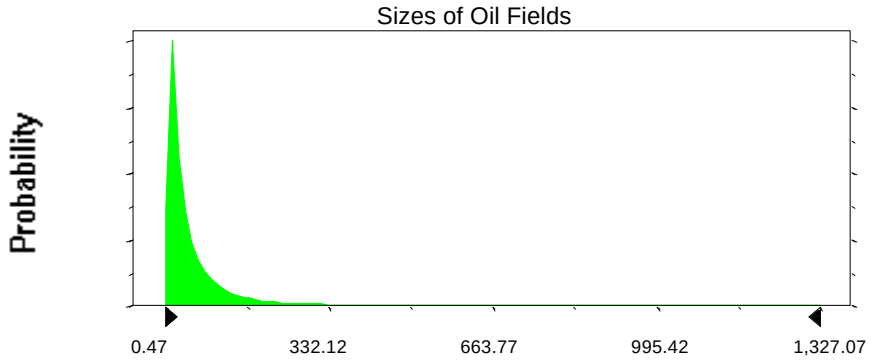
Assumption: Sizes of Oil Fields (cont'd)

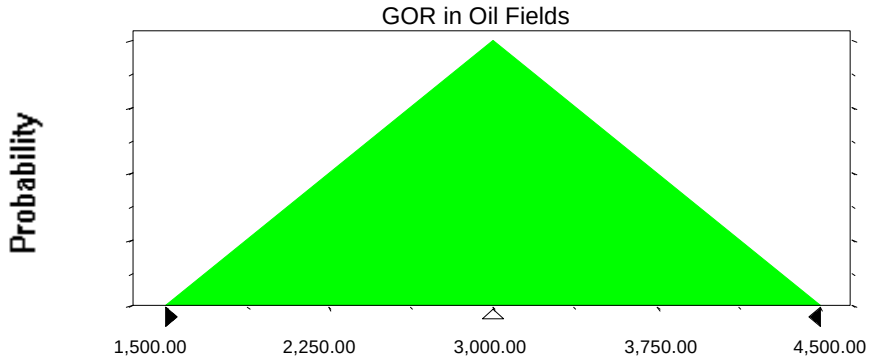


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	1,500.00
Likeliest	3,000.00
Maximum	4,500.00

Selected range is from 1,500.00 to 4,500.00
Mean value in simulation was 3,004.02



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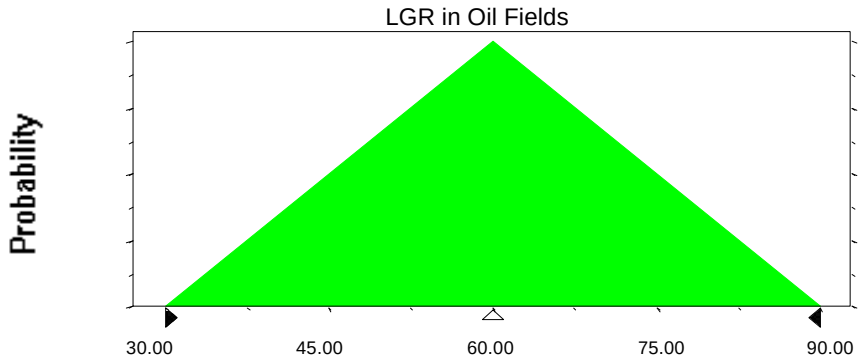
Assumption: LGR in Oil Fields

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 60.03



Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	3
Likeliest	38
Maximum	80

Selected range is from 3 to 80
Mean value in simulation was 41

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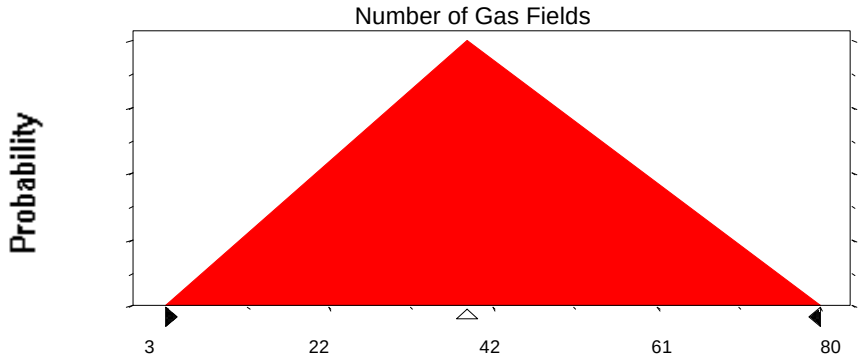
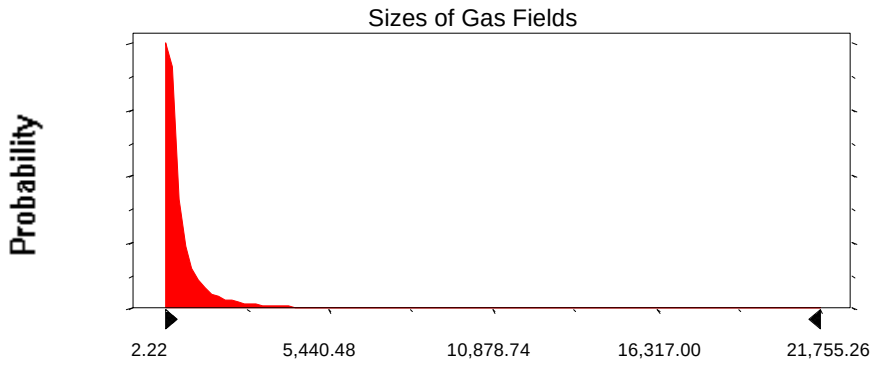
Assumption: Number of Gas Fields (cont'd)



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	710.60	740.6
Standard Deviation	2,182.47	2,182.47
Selected range is from 0.00 to 24,970.00		30.00 to 25,000.00
Mean value in simulation was 668.65		698.65



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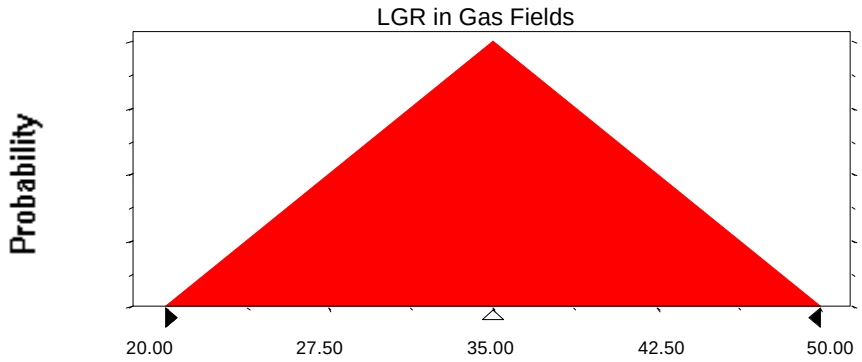
Assumption: LGR in Gas Fields

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 34.98



End of Assumptions

Simulation started on 1/18/00 at 9:33:29
Simulation stopped on 1/18/00 at 10:03:22