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Greater Hungarian Plain Basins, Assessment Unit 40480101
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	90	188	326	196	77	187	410	208	3	7	17	8	9	18	40	21
Gas Fields	6						925	2,111	3,684	2,188	23	61	125	66	95	197	410	217
Total		1.00	90	188	326	196	1,002	2,298	4,094	2,395	26	68	142	74				

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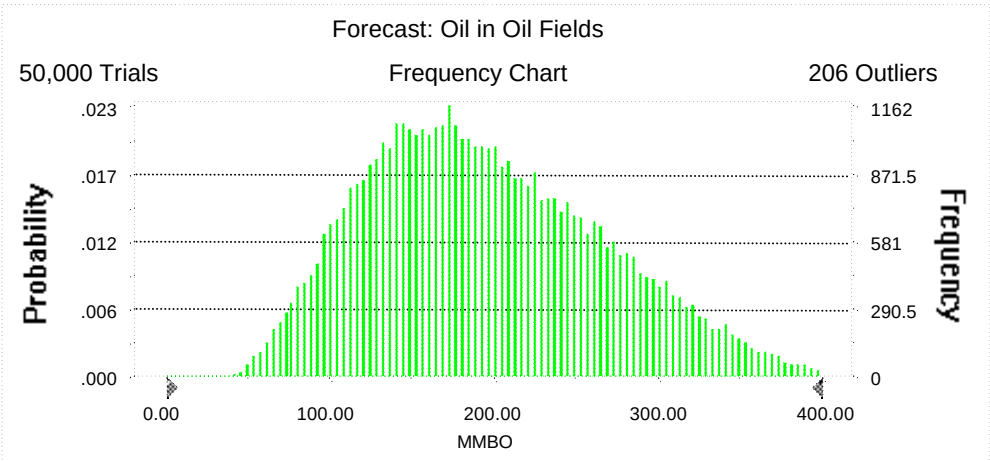
Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 400.00 MMBO
Entire range is from 36.74 to 513.76 MMBO
After 50,000 trials, the standard error of the mean is 0.32

Statistics:	Value
Trials	50000
Mean	196.20
Median	187.95
Mode	---
Standard Deviation	72.57
Variance	5,267.09
Skewness	0.45
Kurtosis	2.73
Coefficient of Variability	0.37
Range Minimum	36.74
Range Maximum	513.76
Range Width	477.03
Mean Standard Error	0.32



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Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	36.74
95%	90.20
90%	107.24
85%	120.00
80%	131.05
75%	141.20
70%	150.48
65%	159.86
60%	169.28
55%	178.22
50%	187.95
45%	198.07
40%	208.56
35%	220.01
30%	232.22
25%	245.67
20%	260.44
15%	276.88
10%	297.65
5%	326.47
0%	513.76

End of Forecast

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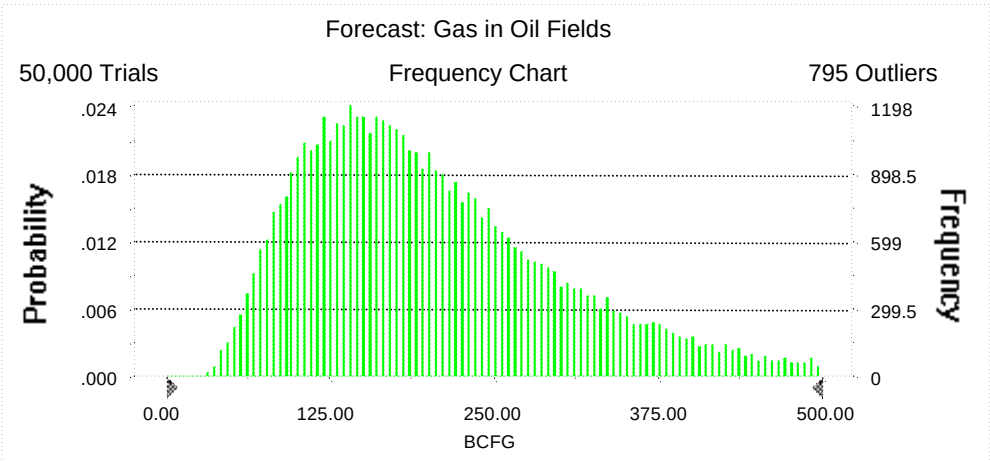
Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 500.00 BCFG
Entire range is from 26.60 to 801.71 BCFG
After 50,000 trials, the standard error of the mean is 0.47

Statistics:	Value
Trials	50000
Mean	207.55
Median	186.60
Mode	---
Standard Deviation	104.12
Variance	10,841.48
Skewness	1.09
Kurtosis	4.40
Coefficient of Variability	0.50
Range Minimum	26.60
Range Maximum	801.71
Range Width	775.11
Mean Standard Error	0.47



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Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	26.60
95%	76.98
90%	94.14
85%	107.28
80%	119.47
75%	130.84
70%	141.99
65%	152.58
60%	163.83
55%	174.92
50%	186.60
45%	199.51
40%	212.87
35%	227.59
30%	243.81
25%	262.20
20%	285.15
15%	313.10
10%	350.39
5%	410.04
0%	801.71

End of Forecast

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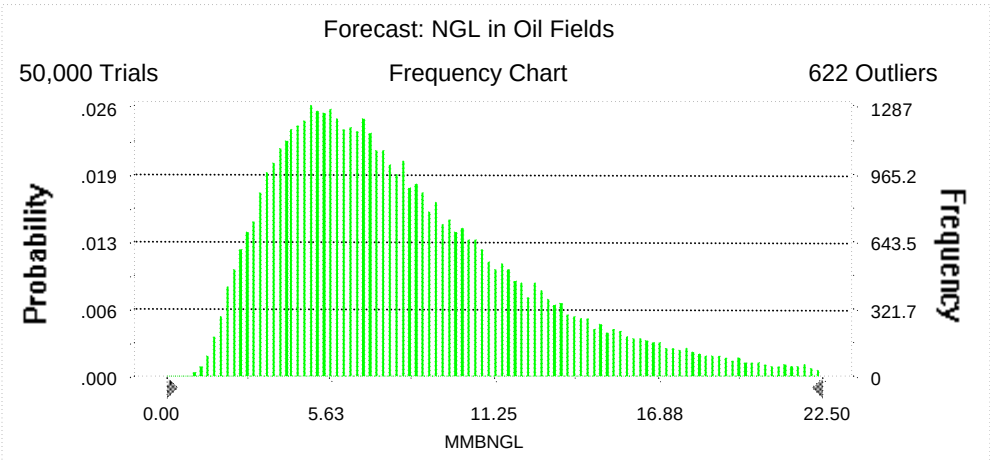
Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 22.50 MMBNGL
Entire range is from 0.77 to 43.14 MMBNGL
After 50,000 trials, the standard error of the mean is 0.02

Statistics:	Value
Trials	50000
Mean	8.31
Median	7.29
Mode	---
Standard Deviation	4.59
Variance	21.08
Skewness	1.32
Kurtosis	5.44
Coefficient of Variability	0.55
Range Minimum	0.77
Range Maximum	43.14
Range Width	42.37
Mean Standard Error	0.02



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Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.77
95%	2.80
90%	3.49
85%	4.03
80%	4.52
75%	4.98
70%	5.43
65%	5.88
60%	6.34
55%	6.82
50%	7.29
45%	7.84
40%	8.41
35%	9.04
30%	9.76
25%	10.58
20%	11.56
15%	12.78
10%	14.46
5%	17.27
0%	43.14

End of Forecast

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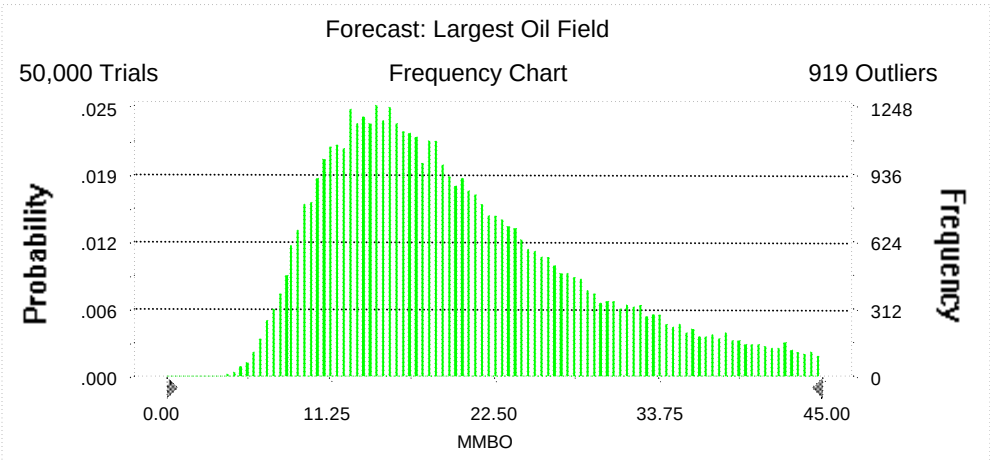
Forecast: Largest Oil Field

Summary:

Display range is from 0.00 to 45.00 MMBO
Entire range is from 3.52 to 49.99 MMBO
After 50,000 trials, the standard error of the mean is 0.04

Statistics:	Value
Trials	50000
Mean	20.51
Median	18.47
Mode	---
Standard Deviation	9.24
Variance	85.32
Skewness	0.93
Kurtosis	3.38
Coefficient of Variability	0.45
Range Minimum	3.52
Range Maximum	49.99
Range Width	46.47
Mean Standard Error	0.04



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Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	3.52
95%	9.01
90%	10.47
85%	11.59
80%	12.65
75%	13.58
70%	14.53
65%	15.44
60%	16.40
55%	17.39
50%	18.47
45%	19.59
40%	20.84
35%	22.22
30%	23.77
25%	25.56
20%	27.72
15%	30.49
10%	34.05
5%	39.55
0%	49.99

End of Forecast

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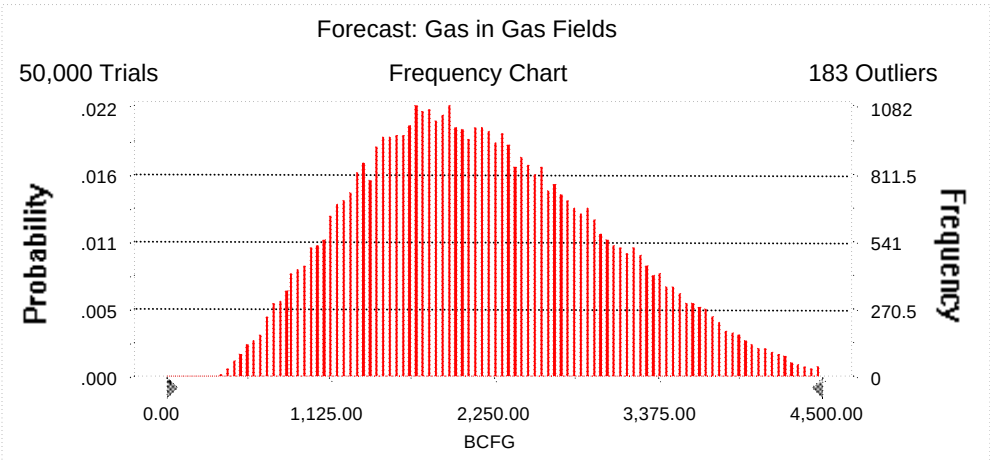
Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 4,500.00 BCFG
Entire range is from 283.09 to 5,531.27 BCFG
After 50,000 trials, the standard error of the mean is 3.75

Statistics:	Value
Trials	50000
Mean	2,187.61
Median	2,111.17
Mode	---
Standard Deviation	837.66
Variance	701,672.73
Skewness	0.38
Kurtosis	2.67
Coefficient of Variability	0.38
Range Minimum	283.09
Range Maximum	5,531.27
Range Width	5,248.18
Mean Standard Error	3.75



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Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	283.09
95%	924.62
90%	1,144.15
85%	1,304.50
80%	1,441.82
75%	1,560.70
70%	1,676.47
65%	1,782.89
60%	1,889.98
55%	1,997.05
50%	2,111.17
45%	2,223.32
40%	2,341.95
35%	2,468.49
30%	2,604.56
25%	2,753.67
20%	2,919.95
15%	3,120.13
10%	3,352.34
5%	3,683.53
0%	5,531.27

End of Forecast

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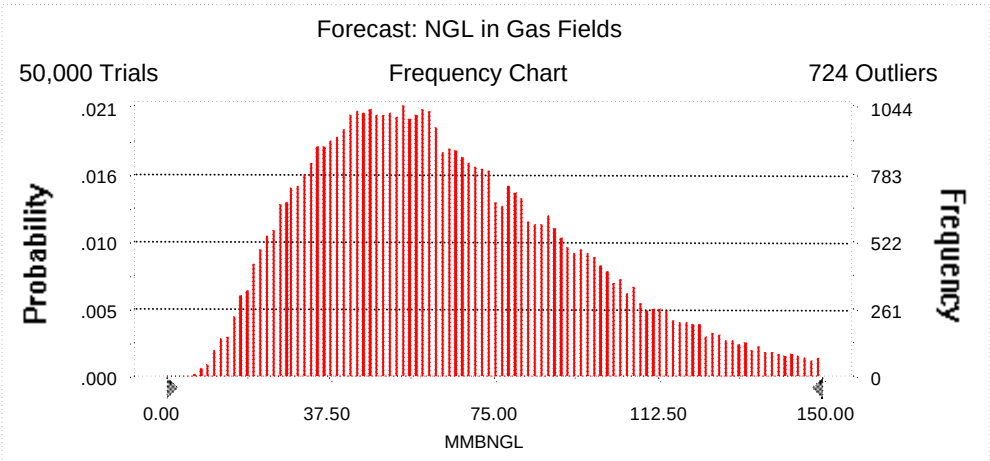
Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 150.00 MMBNGL
Entire range is from 5.73 to 245.05 MMBNGL
After 50,000 trials, the standard error of the mean is 0.14

Statistics:	Value
Trials	50000
Mean	65.59
Median	60.56
Mode	---
Standard Deviation	31.50
Variance	992.02
Skewness	0.82
Kurtosis	3.65
Coefficient of Variability	0.48
Range Minimum	5.73
Range Maximum	245.05
Range Width	239.32
Mean Standard Error	0.14



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Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	5.73
95%	23.07
90%	28.97
85%	33.85
80%	38.16
75%	42.14
70%	45.87
65%	49.50
60%	53.21
55%	56.92
50%	60.56
45%	64.57
40%	68.89
35%	73.50
30%	78.71
25%	84.31
20%	90.71
15%	98.37
10%	108.36
5%	124.92
0%	245.05

End of Forecast

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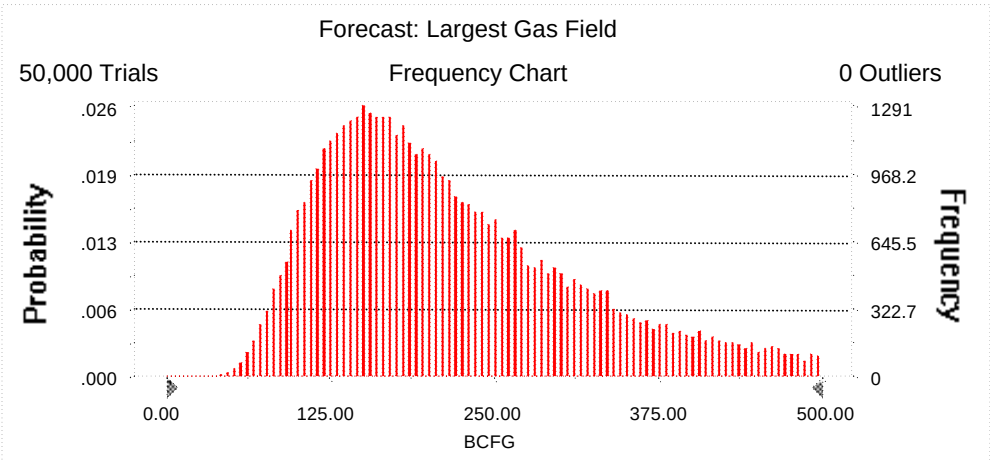
Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 500.00 BCFG
Entire range is from 32.24 to 499.99 BCFG
After 50,000 trials, the standard error of the mean is 0.42

Statistics:	Value
Trials	50000
Mean	216.71
Median	196.79
Mode	---
Standard Deviation	94.90
Variance	9,006.30
Skewness	0.81
Kurtosis	3.09
Coefficient of Variability	0.44
Range Minimum	32.24
Range Maximum	499.99
Range Width	467.75
Mean Standard Error	0.42



Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	32.24
95%	95.27
90%	110.94
85%	123.37
80%	134.46
75%	144.76
70%	154.69
65%	164.72
60%	174.74
55%	185.39
50%	196.79
45%	208.59
40%	221.84
35%	236.94
30%	253.43
25%	271.61
20%	294.88
15%	321.58
10%	356.12
5%	409.53
0%	499.99

End of Forecast

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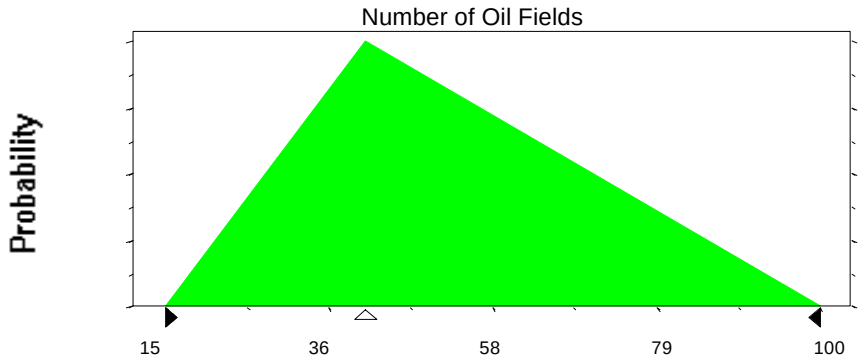
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	15
Likeliest	41
Maximum	100

Selected range is from 15 to 100
Mean value in simulation was 52



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	2.83	3.83
Standard Deviation	4.55	4.55
Selected range is from	0.00 to 49.00	1.00 to 50.00
Mean value in simulation was	2.76	3.76

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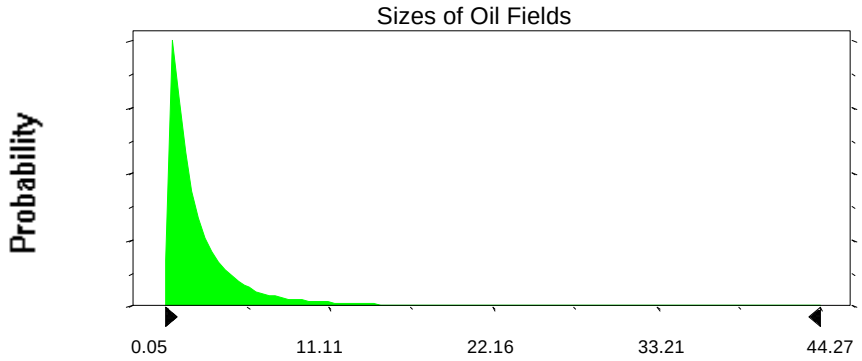
Assumption: Sizes of Oil Fields (cont'd)

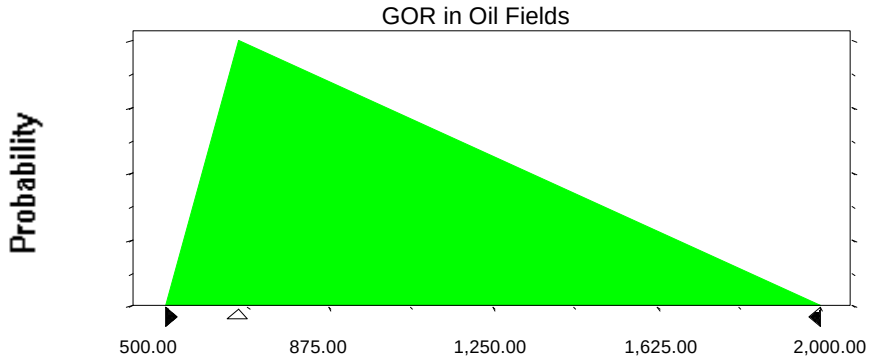


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	500.00
Likeliest	666.67
Maximum	2,000.00

Selected range is from 500.00 to 2,000.00
Mean value in simulation was 1,057.38



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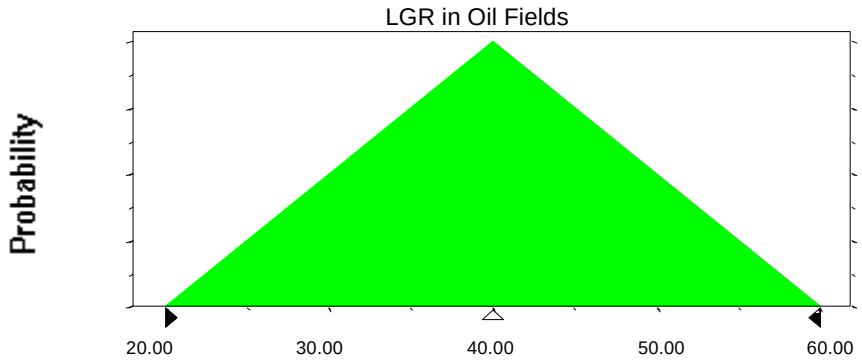
Assumption: LGR in Oil Fields

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



Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	15
Likeliest	57
Maximum	130

Selected range is from 15 to 130
Mean value in simulation was 67

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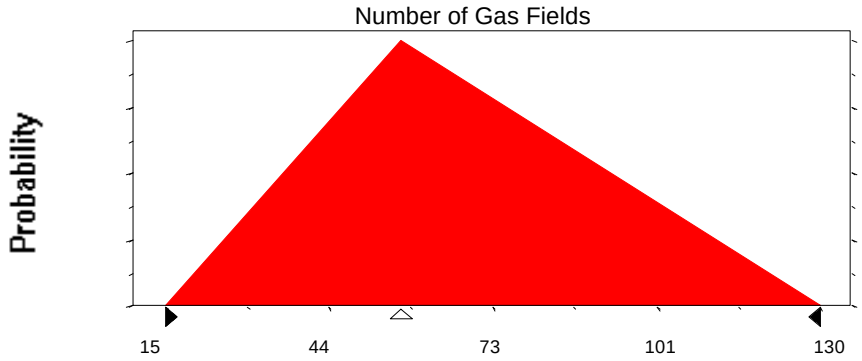
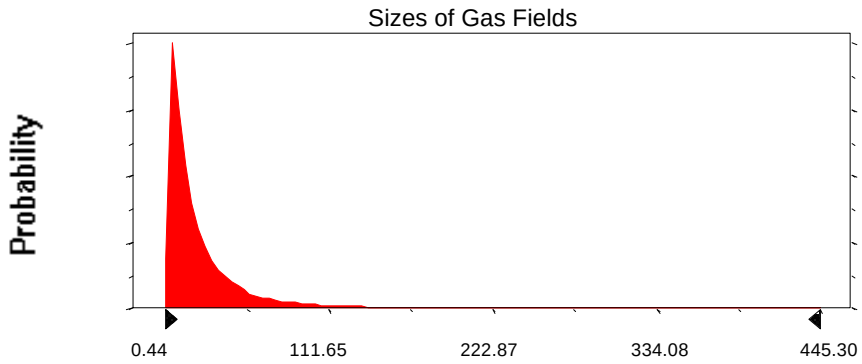
Assumption: Number of Gas Fields (cont'd)



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	27.22	33.22
Standard Deviation	45.39	45.39
Selected range is from 0.00 to 494.00		6.00 to 500.00
Mean value in simulation was 26.74		32.74



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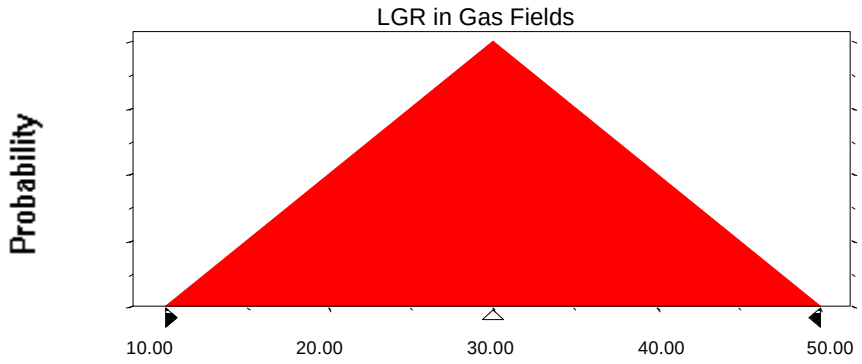
Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	10.00
Likeliest	30.00
Maximum	50.00

Selected range is from 10.00 to 50.00
Mean value in simulation was 29.99



End of Assumptions

Simulation started on 6/14/99 at 12:52:44
Simulation stopped on 6/14/99 at 13:47:53