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Brightholme Oil, Assessment Unit 52440201
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	2	7	16	8	1	5	12	5	0	0	1	0	1	2	4	2
Gas Fields	3						0	0	0	0	0	0	0	0	NA	NA	NA	NA
Total		1.00	2	7	16	8	1	5	12	5	0	0	1	0				

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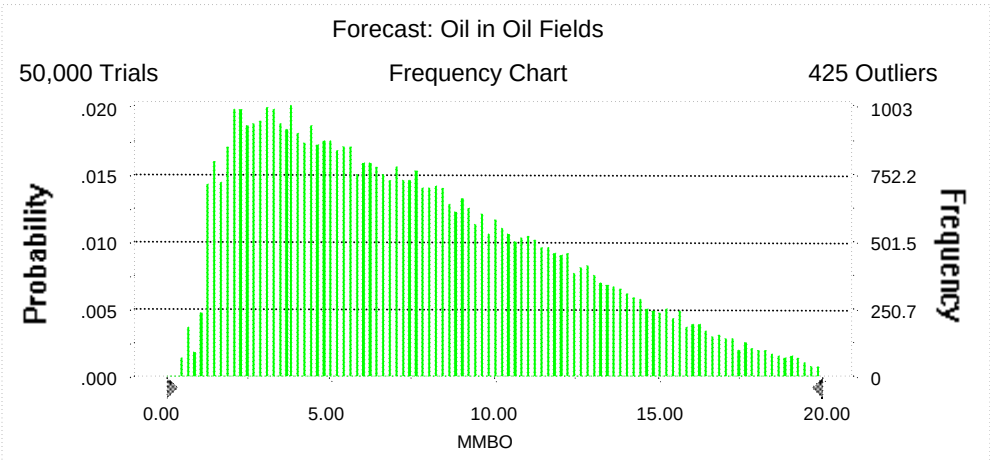
Brightholme Oil
Monte Carlo Results

Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 20.00 MMBO
Entire range is from 0.52 to 30.27 MMBO
After 50,000 trials, the standard error of the mean is 0.02

Statistics:	Value
Trials	50000
Mean	7.57
Median	6.78
Mode	---
Standard Deviation	4.56
Variance	20.77
Skewness	0.72
Kurtosis	2.96
Coefficient of Variability	0.60
Range Minimum	0.52
Range Maximum	30.27
Range Width	29.75
Mean Standard Error	0.02



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Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	0.52
95%	1.71
90%	2.26
85%	2.79
80%	3.30
75%	3.83
70%	4.37
65%	4.93
60%	5.52
55%	6.14
50%	6.78
45%	7.45
40%	8.14
35%	8.88
30%	9.70
25%	10.60
20%	11.58
15%	12.71
10%	14.09
5%	16.10
0%	30.27

End of Forecast

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Brightholme Oil
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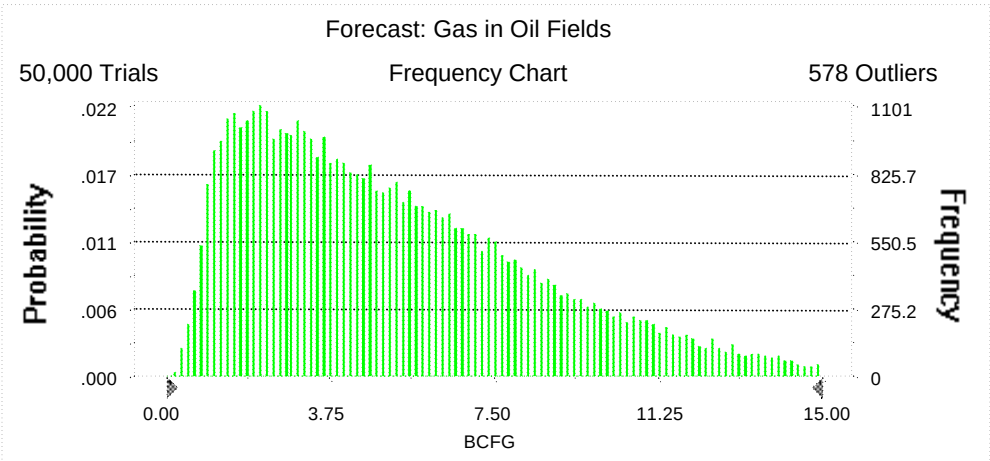
Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 15.00 BCFG
Entire range is from 0.22 to 28.30 BCFG
After 50,000 trials, the standard error of the mean is 0.02

Statistics:	Value
Trials	50000
Mean	5.30
Median	4.60
Mode	---
Standard Deviation	3.43
Variance	11.79
Skewness	0.98
Kurtosis	3.83
Coefficient of Variability	0.65
Range Minimum	0.22
Range Maximum	28.30
Range Width	28.09
Mean Standard Error	0.02



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Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	0.22
95%	1.13
90%	1.51
85%	1.87
80%	2.22
75%	2.58
70%	2.96
65%	3.33
60%	3.73
55%	4.15
50%	4.60
45%	5.07
40%	5.57
35%	6.10
30%	6.67
25%	7.32
20%	8.05
15%	8.95
10%	10.18
5%	11.93
0%	28.30

End of Forecast

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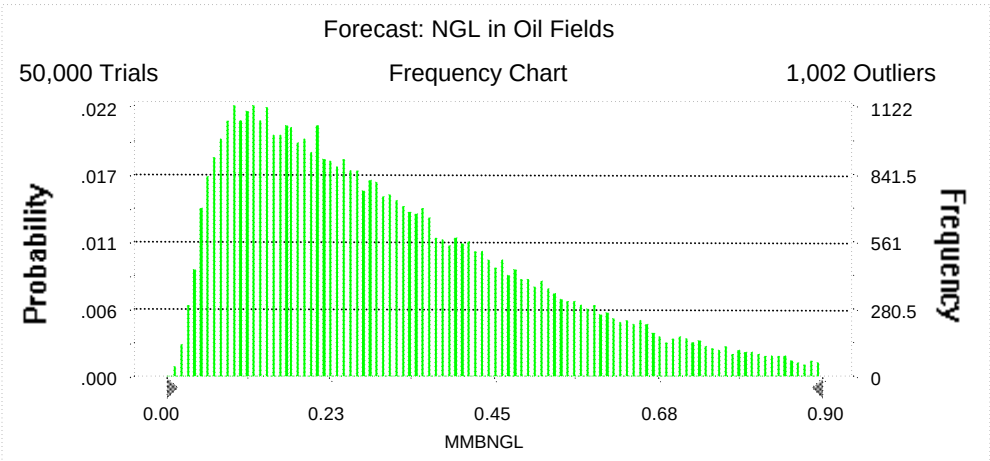
Brightholme Oil
Monte Carlo Results

Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 0.90 MMBNGL
Entire range is from 0.01 to 1.75 MMBNGL
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	0.32
Median	0.27
Mode	---
Standard Deviation	0.22
Variance	0.05
Skewness	1.21
Kurtosis	4.69
Coefficient of Variability	0.69
Range Minimum	0.01
Range Maximum	1.75
Range Width	1.74
Mean Standard Error	0.00



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Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.01
95%	0.06
90%	0.09
85%	0.11
80%	0.13
75%	0.15
70%	0.17
65%	0.19
60%	0.22
55%	0.24
50%	0.27
45%	0.29
40%	0.32
35%	0.36
30%	0.40
25%	0.44
20%	0.48
15%	0.54
10%	0.62
5%	0.75
0%	1.75

End of Forecast

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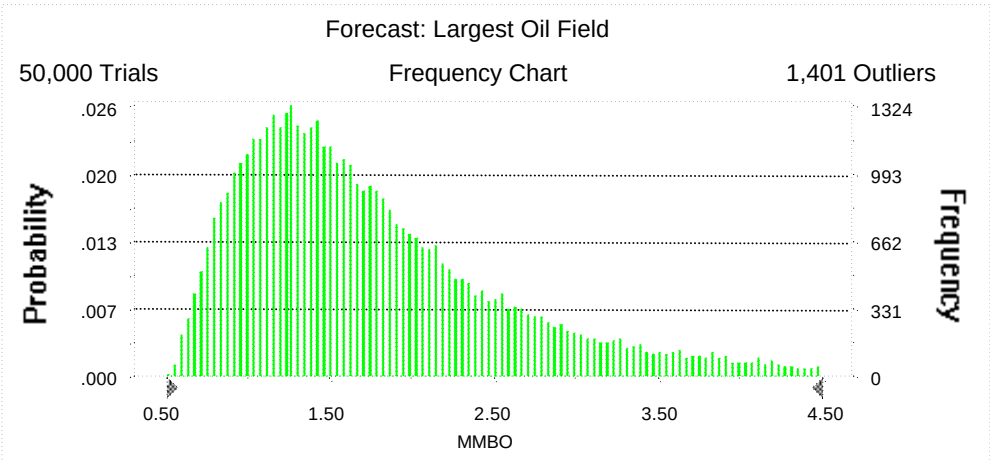
Forecast: Largest Oil Field

Summary:

Display range is from 0.50 to 4.50 MMBO
Entire range is from 0.52 to 7.00 MMBO
After 50,000 trials, the standard error of the mean is 0.00

Statistics:	Value
Trials	50000
Mean	1.85
Median	1.59
Mode	---
Standard Deviation	0.99
Variance	0.98
Skewness	1.77
Kurtosis	7.02
Coefficient of Variability	0.53
Range Minimum	0.52
Range Maximum	7.00
Range Width	6.48
Mean Standard Error	0.00



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Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	0.52
95%	0.80
90%	0.91
85%	1.01
80%	1.09
75%	1.17
70%	1.25
65%	1.33
60%	1.42
55%	1.50
50%	1.59
45%	1.69
40%	1.80
35%	1.92
30%	2.06
25%	2.22
20%	2.43
15%	2.71
10%	3.11
5%	3.86
0%	7.00

End of Forecast

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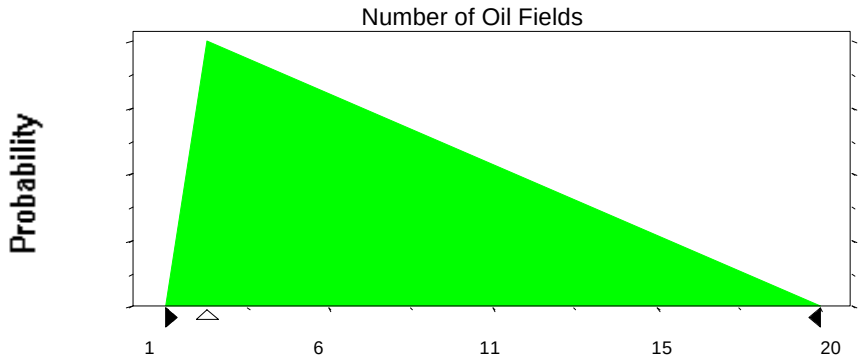
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	2
Maximum	20

Selected range is from 1 to 20
Mean value in simulation was 8



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	0.49	0.99
Standard Deviation	0.64	0.64

Selected range is from 0.00 to 6.50	0.50 to 7.00
Mean value in simulation was 0.48	0.98

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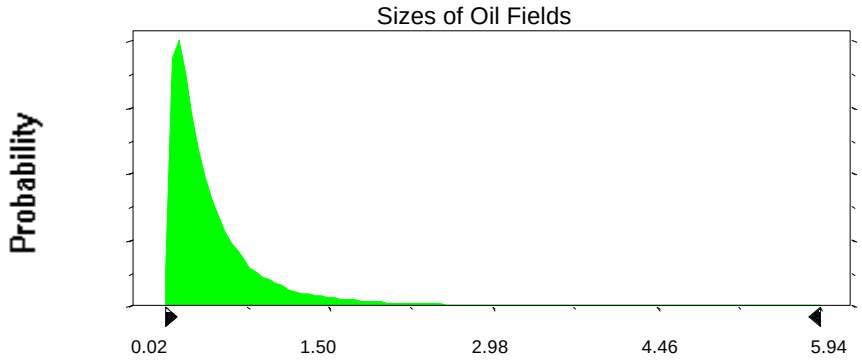
Assumption: Sizes of Oil Fields (cont'd)

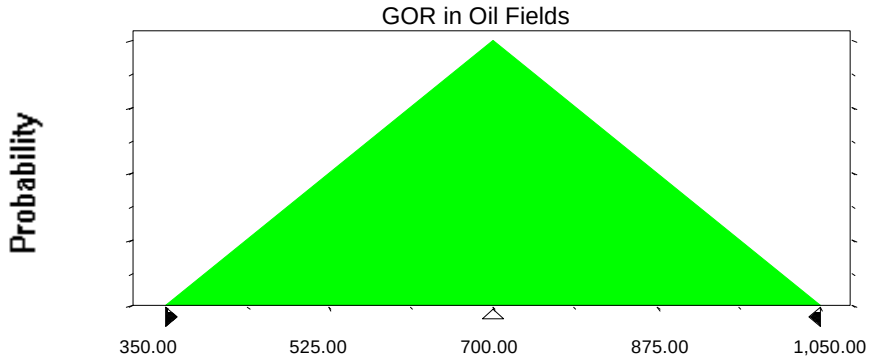


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	350.00
Likeliest	700.00
Maximum	1,050.00

Selected range is from 350.00 to 1,050.00
Mean value in simulation was 700.67



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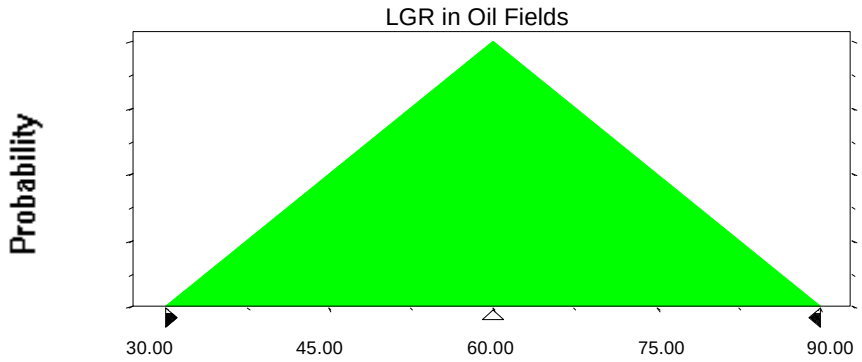
Monte Carlo Results

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 59.99



End of Assumptions

Simulation started on 10/20/99 at 15:23:58
Simulation stopped on 10/20/99 at 15:36:50