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North Cuba Fold and Thrust Belt, Assessment Unit 61170101
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	142	464	941	494	159	540	1,200	592	9	32	76	35	24	76	224	93
Gas Fields	6						0	0	0	0	0	0	0	0	NA	NA	NA	NA
Total		1.00	142	464	941	494	159	540	1,200	592	9	32	76	35				

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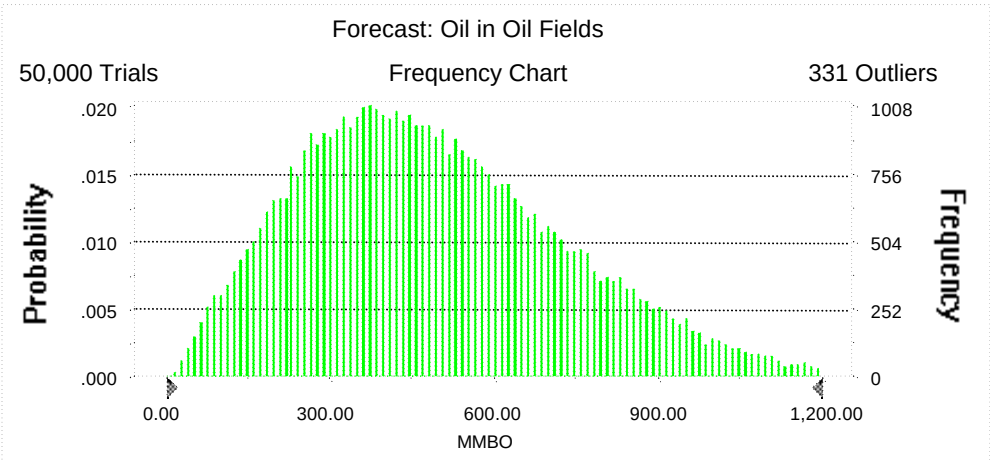
Monte Carlo Results

Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 1,200.00 MMBO
Entire range is from 12.95 to 1,745.94 MMBO
After 50,000 trials, the standard error of the mean is 1.10

Statistics:	Value
Trials	50000
Mean	493.64
Median	464.25
Mode	---
Standard Deviation	245.18
Variance	60,112.67
Skewness	0.60
Kurtosis	3.14
Coefficient of Variability	0.50
Range Minimum	12.95
Range Maximum	1,745.94
Range Width	1,732.98
Mean Standard Error	1.10



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North Cuba Fold and Thrust Belt
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Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	12.95
95%	142.22
90%	197.14
85%	239.84
80%	275.78
75%	309.69
70%	341.70
65%	372.38
60%	401.85
55%	433.21
50%	464.25
45%	496.98
40%	530.68
35%	566.30
30%	605.35
25%	647.85
20%	698.76
15%	757.42
10%	832.22
5%	941.03
0%	1,745.94

End of Forecast

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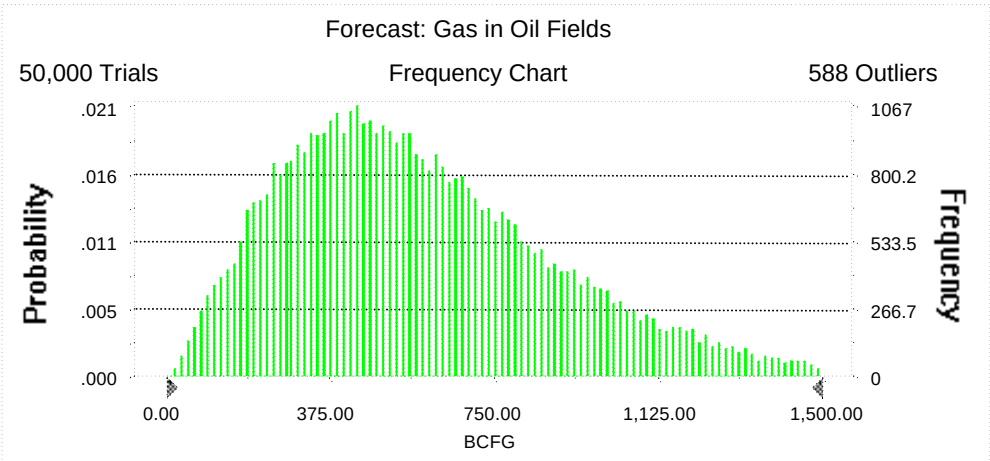
Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 1,500.00 BCFG
Entire range is from 11.41 to 2,471.58 BCFG
After 50,000 trials, the standard error of the mean is 1.44

Statistics:	Value
Trials	50000
Mean	591.56
Median	540.32
Mode	---
Standard Deviation	322.65
Variance	104,104.39
Skewness	0.86
Kurtosis	3.82
Coefficient of Variability	0.55
Range Minimum	11.41
Range Maximum	2,471.58
Range Width	2,460.17
Mean Standard Error	1.44



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Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	11.41
95%	159.47
90%	219.95
85%	267.78
80%	311.46
75%	351.53
70%	389.96
65%	427.00
60%	463.11
55%	501.36
50%	540.32
45%	580.22
40%	623.85
35%	670.71
30%	720.57
25%	778.67
20%	845.15
15%	929.01
10%	1,033.20
5%	1,200.27
0%	2,471.58

End of Forecast

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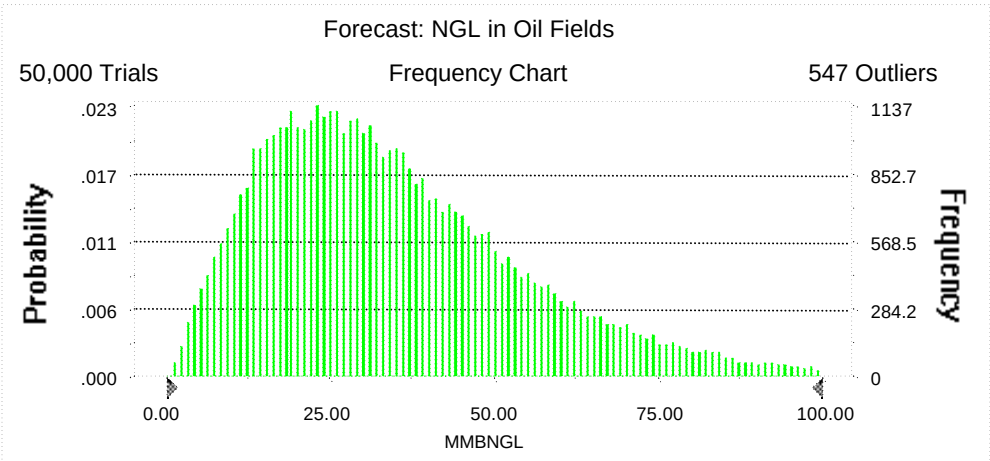
Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 100.00 MMBNGL
Entire range is from 0.68 to 188.91 MMBNGL
After 50,000 trials, the standard error of the mean is 0.09

Statistics:	Value
Trials	50000
Mean	35.47
Median	31.53
Mode	---
Standard Deviation	21.04
Variance	442.78
Skewness	1.14
Kurtosis	4.87
Coefficient of Variability	0.59
Range Minimum	0.68
Range Maximum	188.91
Range Width	188.24
Mean Standard Error	0.09



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Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.68
95%	8.87
90%	12.46
85%	15.15
80%	17.58
75%	19.90
70%	22.27
65%	24.54
60%	26.78
55%	29.13
50%	31.53
45%	34.09
40%	36.71
35%	39.67
30%	43.04
25%	46.66
20%	50.91
15%	56.34
10%	63.75
5%	75.66
0%	188.91

End of Forecast

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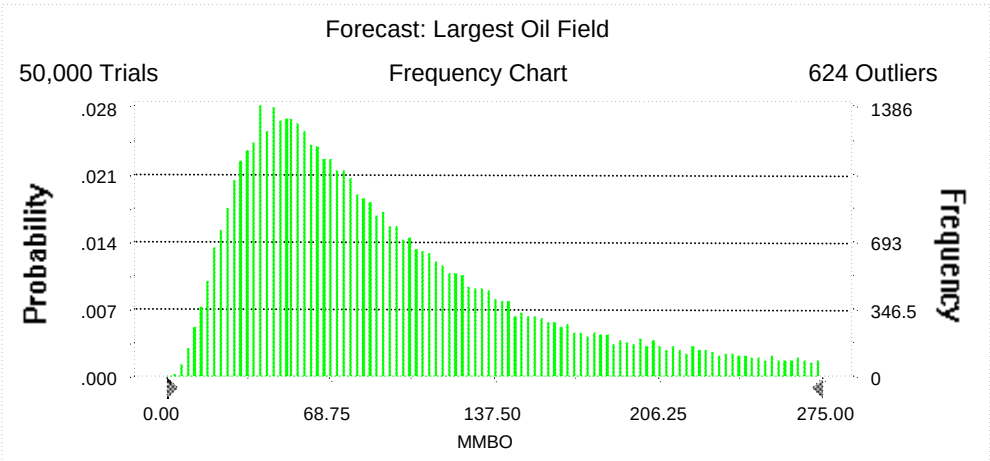
Forecast: Largest Oil Field

Summary:

Display range is from 0.00 to 275.00 MMBO
Entire range is from 2.90 to 299.89 MMBO
After 50,000 trials, the standard error of the mean is 0.27

Statistics:	Value
Trials	50000
Mean	92.64
Median	76.08
Mode	---
Standard Deviation	60.83
Variance	3,699.80
Skewness	1.19
Kurtosis	3.98
Coefficient of Variability	0.66
Range Minimum	2.90
Range Maximum	299.89
Range Width	296.99
Mean Standard Error	0.27



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Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	2.90
95%	23.78
90%	31.17
85%	37.16
80%	42.40
75%	47.54
70%	52.72
65%	58.02
60%	63.59
55%	69.60
50%	76.08
45%	83.05
40%	90.93
35%	99.60
30%	109.84
25%	121.79
20%	136.16
15%	155.50
10%	182.46
5%	223.86
0%	299.89

End of Forecast

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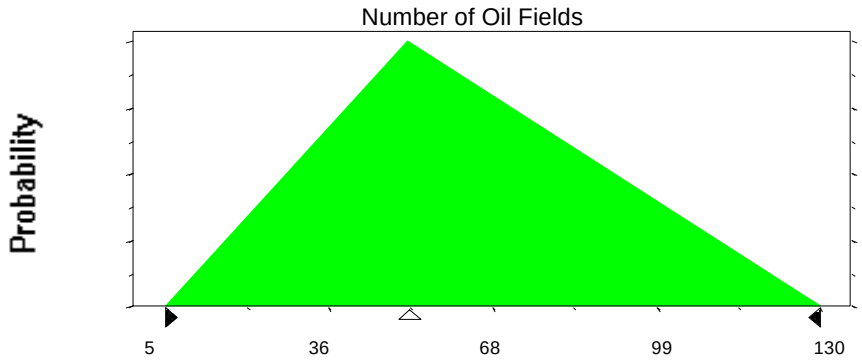
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	5
Likeliest	52
Maximum	130

Selected range is from 5 to 130
Mean value in simulation was 62



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	7.43	8.43
Standard Deviation	26.62	26.62

Selected range is from 0.00 to 299.00	1.00 to 300.00
Mean value in simulation was 6.90	7.9

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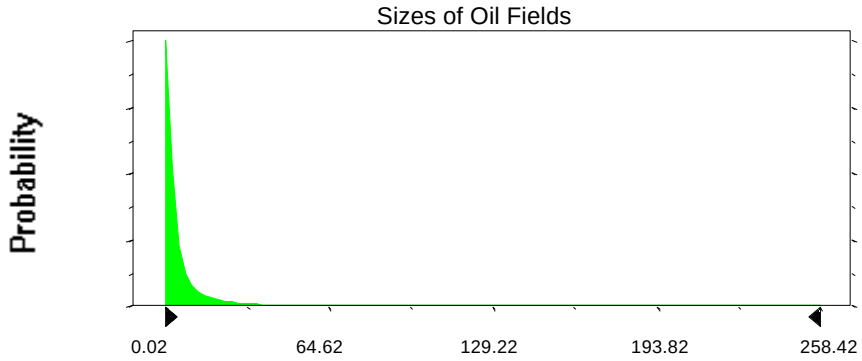
Assumption: Sizes of Oil Fields (cont'd)

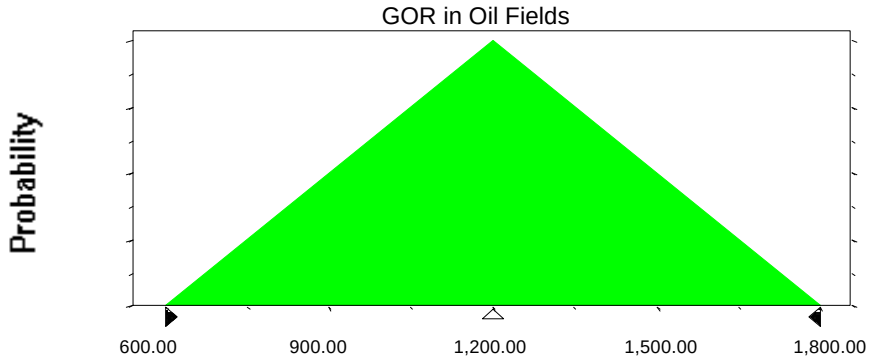


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	600.00
Likeliest	1,200.00
Maximum	1,800.00

Selected range is from 600.00 to 1,800.00
Mean value in simulation was 1,198.52



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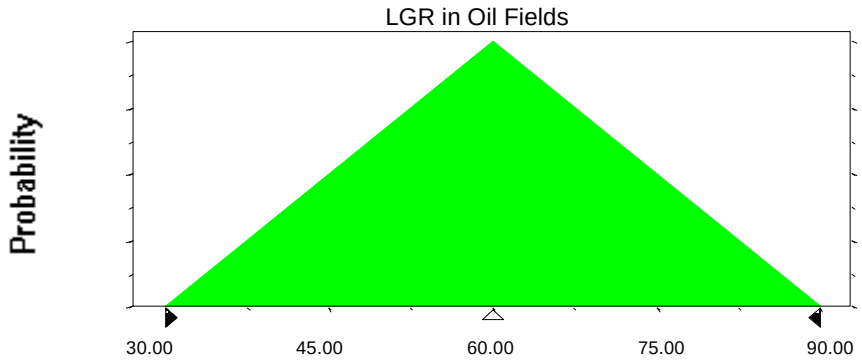
Assumption: LGR in Oil Fields

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 59.97



End of Assumptions

Simulation started on 1/4/00 at 15:39:38
Simulation stopped on 1/4/00 at 16:11:48