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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche, Assessment Unit 53050107
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	10	0.50	0	0	3,270	871	0	0	6,710	1,735	0	0	409	104	97	376	1,404	506
Gas Fields	60						0	0	0	0	0	0	0	0	NA	NA	NA	NA
Total		0.50	0	0	3,270	871	0	0	6,710	1,735	0	0	409	104				

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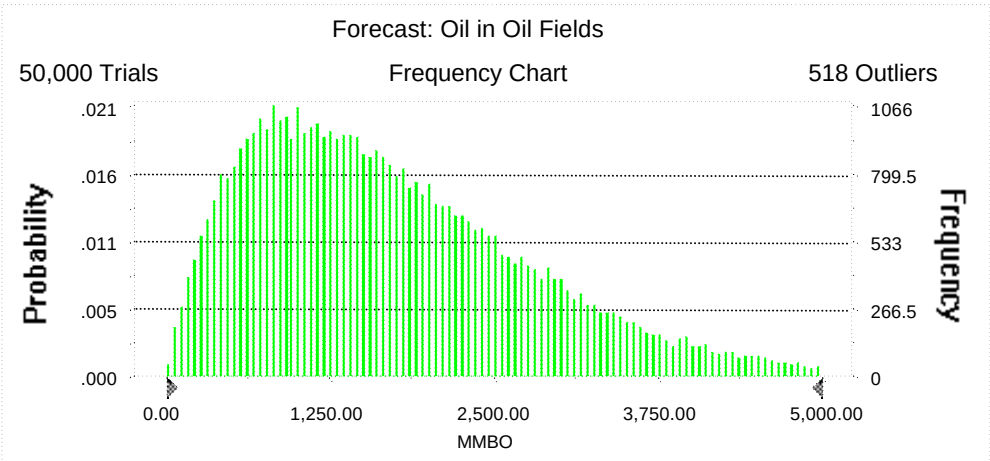
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 5,000.00 MMBO
Entire range is from 11.20 to 11,118.38 MMBO
After 50,000 trials, the standard error of the mean is 4.96

Statistics:	Value
Trials	50000
Mean	1,750.39
Median	1,544.01
Mode	---
Standard Deviation	1,108.58
Variance	1,228,943.69
Skewness	1.01
Kurtosis	4.26
Coefficient of Variability	0.63
Range Minimum	11.20
Range Maximum	11,118.38
Range Width	11,107.19
Mean Standard Error	4.96



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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	11.20
95%	344.29
90%	508.75
85%	649.43
80%	776.28
75%	897.71
70%	1,022.55
65%	1,149.88
60%	1,279.17
55%	1,410.36
50%	1,544.01
45%	1,688.43
40%	1,841.28
35%	2,007.08
30%	2,186.96
25%	2,388.82
20%	2,619.28
15%	2,904.72
10%	3,263.98
5%	3,855.49
0%	11,118.38

End of Forecast

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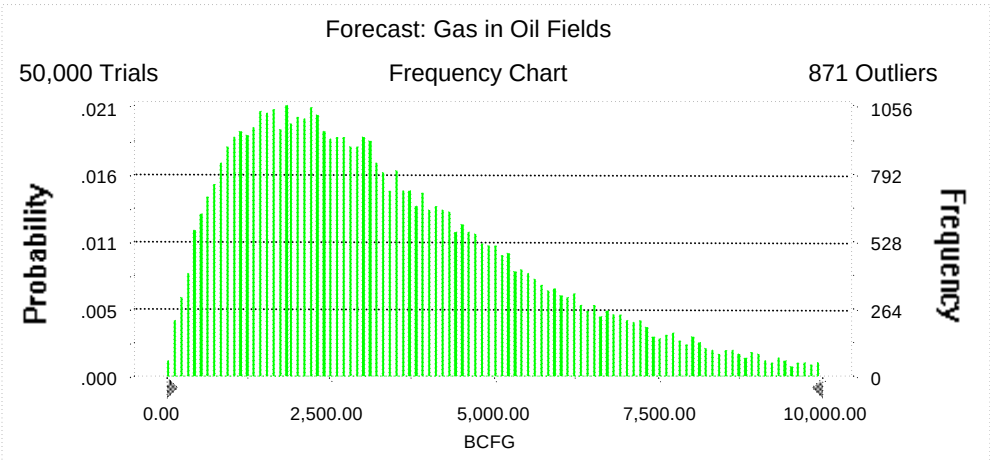
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 10,000.00 BCFG
Entire range is from 13.27 to 24,688.31 BCFG
After 50,000 trials, the standard error of the mean is 10.58

Statistics:	Value
Trials	50000
Mean	3,496.51
Median	3,000.51
Mode	---
Standard Deviation	2,365.14
Variance	5,593,882.61
Skewness	1.22
Kurtosis	5.09
Coefficient of Variability	0.68
Range Minimum	13.27
Range Maximum	24,688.31
Range Width	24,675.04
Mean Standard Error	10.58



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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	13.27
95%	643.89
90%	954.00
85%	1,220.22
80%	1,476.74
75%	1,718.29
70%	1,967.05
65%	2,214.06
60%	2,459.50
55%	2,724.70
50%	3,000.51
45%	3,278.64
40%	3,596.50
35%	3,951.72
30%	4,325.89
25%	4,745.62
20%	5,237.36
15%	5,869.26
10%	6,717.72
5%	8,036.10
0%	24,688.31

End of Forecast

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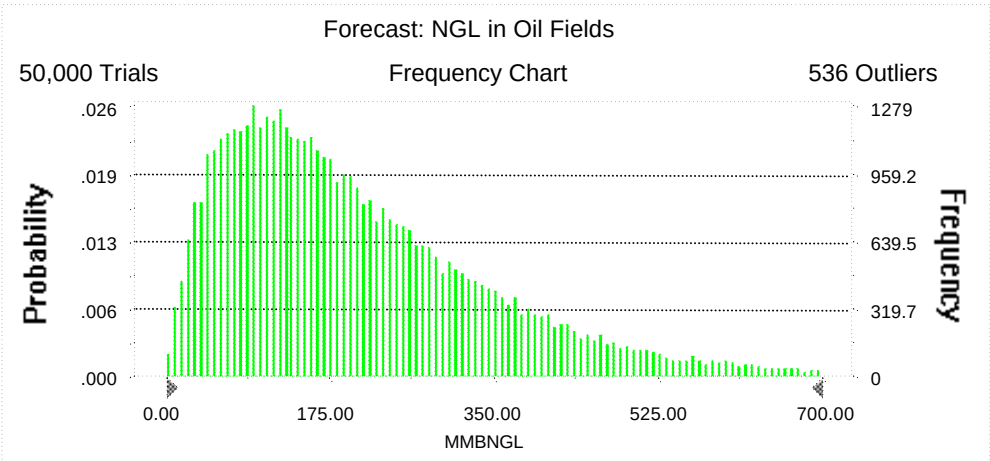
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 700.00 MMBNGL
Entire range is from 1.09 to 1,415.82 MMBNGL
After 50,000 trials, the standard error of the mean is 0.68

Statistics:	Value
Trials	50000
Mean	209.77
Median	174.27
Mode	---
Standard Deviation	151.05
Variance	22,815.28
Skewness	1.45
Kurtosis	6.12
Coefficient of Variability	0.72
Range Minimum	1.09
Range Maximum	1,415.82
Range Width	1,414.73
Mean Standard Error	0.68



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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	1.09
95%	36.11
90%	54.11
85%	69.37
80%	84.32
75%	98.66
70%	112.99
65%	127.36
60%	142.49
55%	157.97
50%	174.27
45%	192.34
40%	211.43
35%	233.20
30%	256.88
25%	283.89
20%	316.64
15%	356.33
10%	409.98
5%	500.87
0%	1,415.82

End of Forecast

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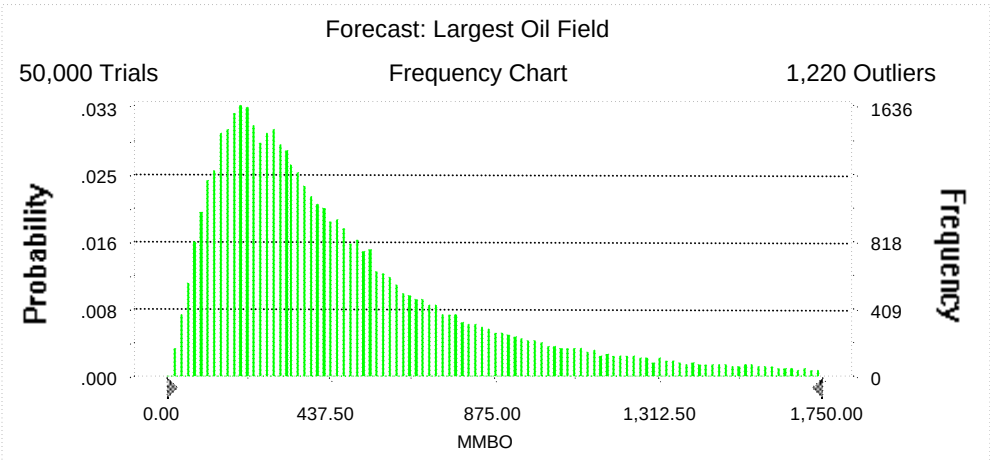
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: Largest Oil Field

Summary:

Display range is from 0.00 to 1,750.00 MMBO
Entire range is from 11.20 to 2,498.07 MMBO
After 50,000 trials, the standard error of the mean is 1.88

Statistics:	Value
Trials	50000
Mean	505.56
Median	376.15
Mode	---
Standard Deviation	420.41
Variance	176,748.41
Skewness	1.85
Kurtosis	6.88
Coefficient of Variability	0.83
Range Minimum	11.20
Range Maximum	2,498.07
Range Width	2,486.88
Mean Standard Error	1.88



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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	11.20
95%	97.28
90%	134.51
85%	164.78
80%	193.01
75%	219.68
70%	248.09
65%	278.29
60%	308.05
55%	340.15
50%	376.15
45%	416.34
40%	460.86
35%	510.63
30%	568.91
25%	642.98
20%	737.39
15%	866.71
10%	1,058.66
5%	1,404.17
0%	2,498.07

End of Forecast

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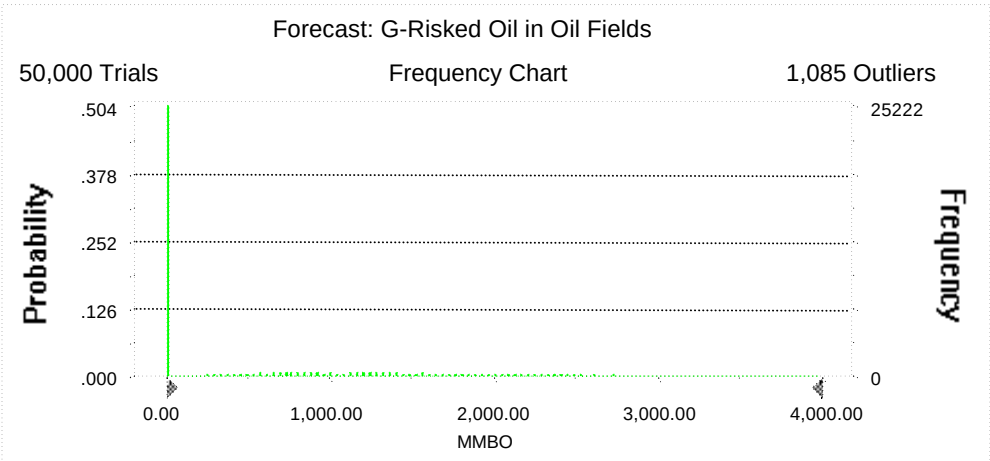
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: G-Risked Oil in Oil Fields

Summary:

Display range is from 0.00 to 4,000.00 MMBO
Entire range is from 0.00 to 8,258.72 MMBO
After 50,000 trials, the standard error of the mean is 5.27

Statistics:	Value
Trials	50000
Mean	870.62
Median	0.00
Mode	0.00
Standard Deviation	1,178.44
Variance	1,388,725.97
Skewness	1.44
Kurtosis	4.79
Coefficient of Variability	1.35
Range Minimum	0.00
Range Maximum	8,258.72
Range Width	8,258.72
Mean Standard Error	5.27



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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: G-Risked Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	0.00
60%	0.00
55%	0.00
50%	0.00
45%	481.10
40%	753.58
35%	1,008.56
30%	1,270.35
25%	1,539.59
20%	1,836.24
15%	2,185.40
10%	2,619.18
5%	3,269.82
0%	8,258.72

End of Forecast

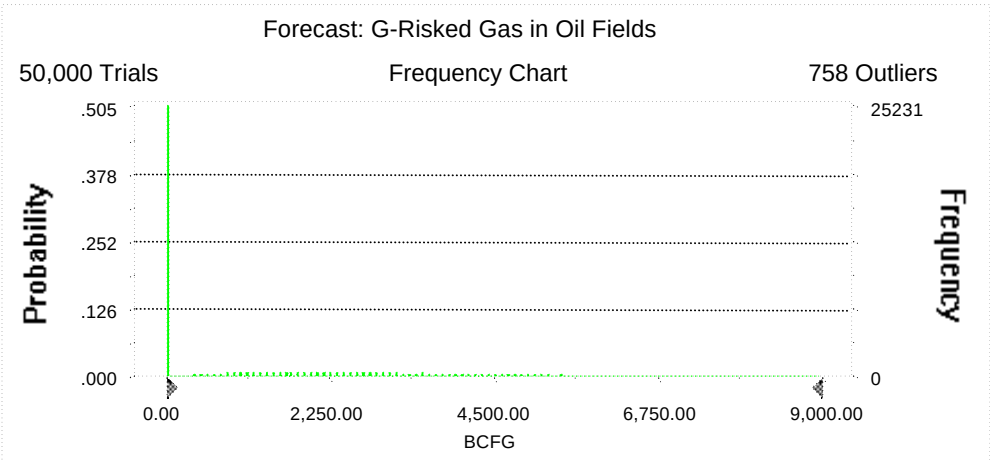
53050107
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: G-Risked Gas in Oil Fields

Summary:

Display range is from 0.00 to 9,000.00 BCFG
Entire range is from 0.00 to 18,958.14 BCFG
After 50,000 trials, the standard error of the mean is 10.81

Statistics:	Value
Trials	50000
Mean	1,735.26
Median	0.00
Mode	0.00
Standard Deviation	2,417.60
Variance	5,844,779.84
Skewness	1.61
Kurtosis	5.72
Coefficient of Variability	1.39
Range Minimum	0.00
Range Maximum	18,958.14
Range Width	18,958.14
Mean Standard Error	10.81



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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: G-Risked Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	0.00
60%	0.00
55%	0.00
50%	0.00
45%	902.48
40%	1,427.18
35%	1,941.80
30%	2,437.08
25%	2,980.27
20%	3,587.18
15%	4,324.83
10%	5,217.98
5%	6,710.40
0%	18,958.14

End of Forecast

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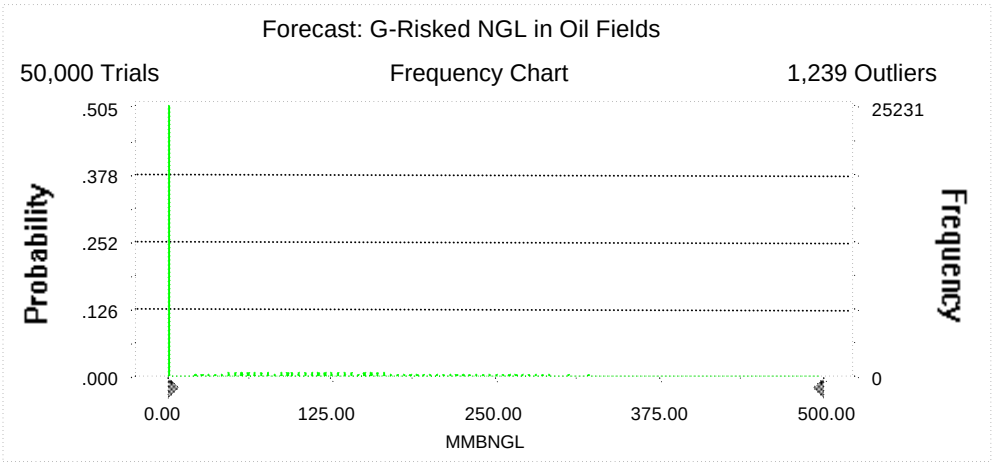
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: G-Risked NGL in Oil Fields

Summary:
Display range is from 0.00 to 500.00 MMBNGL
Entire range is from 0.00 to 1,415.82 MMBNGL
After 50,000 trials, the standard error of the mean is 0.67

Statistics:	Value
Trials	50000
Mean	104.14
Median	0.00
Mode	0.00
Standard Deviation	149.41
Variance	22,324.13
Skewness	1.81
Kurtosis	6.94
Coefficient of Variability	1.43
Range Minimum	0.00
Range Maximum	1,415.82
Range Width	1,415.82
Mean Standard Error	0.67



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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Forecast: G-Risked NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.00
95%	0.00
90%	0.00
85%	0.00
80%	0.00
75%	0.00
70%	0.00
65%	0.00
60%	0.00
55%	0.00
50%	0.00
45%	50.93
40%	81.45
35%	111.02
30%	141.58
25%	173.90
20%	210.74
15%	256.43
10%	316.31
5%	409.26
0%	1,415.82

End of Forecast

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Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

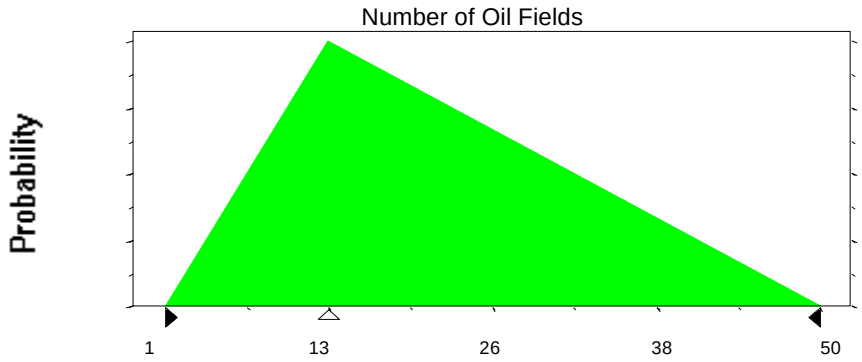
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	13
Maximum	50

Selected range is from 1 to 50
Mean value in simulation was 21



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	75.76	85.76
Standard Deviation	216.70	216.69

Selected range is from	0.00 to 2,490.00	10.00 to 2,500.00
Mean value in simulation was	71.34	81.34

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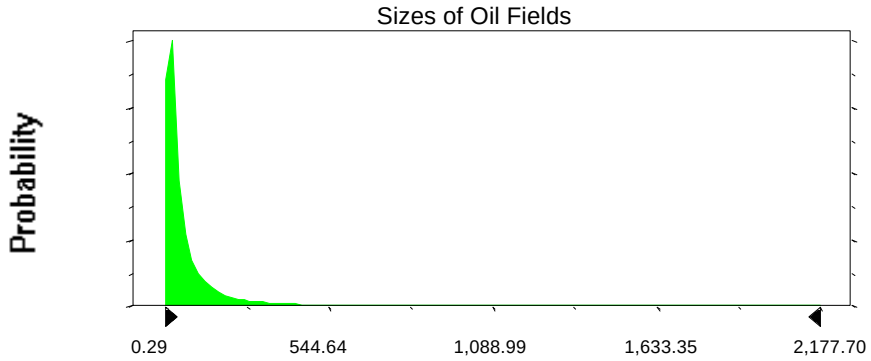
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

Assumption: Sizes of Oil Fields (cont'd)

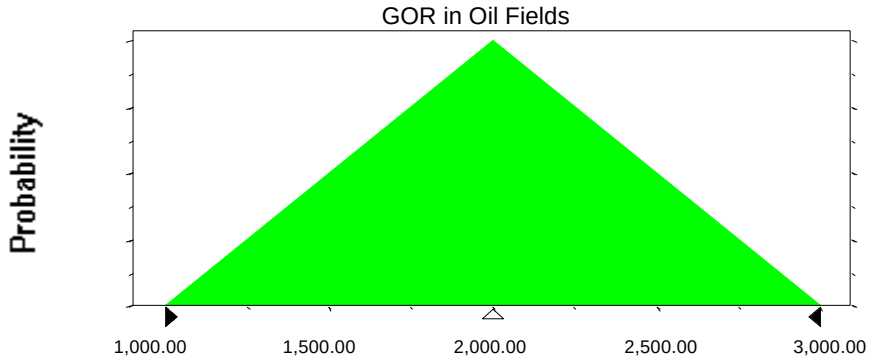


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	1,000.00
Likeliest	2,000.00
Maximum	3,000.00

Selected range is from 1,000.00 to 3,000.00
Mean value in simulation was 1,998.06



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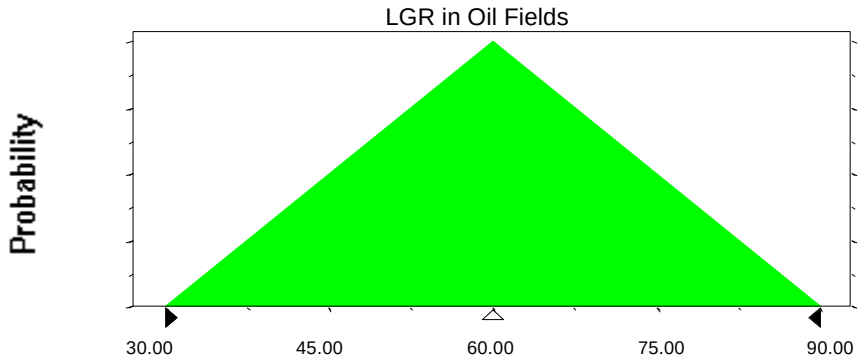
Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche
Monte Carlo Results

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 59.97



End of Assumptions

Simulation started on 12/2/99 at 14:51:54
Simulation stopped on 12/2/99 at 15:09:36