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Sylhet-Kopili/Barail-Tipam Composite, Assessment Unit 80340101
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	167	374	710	399	371	896	1,865	980	20	52	119	59	24	48	100	52
Gas Fields	6						28	157	515	198	1	7	23	9	16	63	267	91
Total		1.00	167	374	710	399	398	1,053	2,379	1,178	22	59	142	67				

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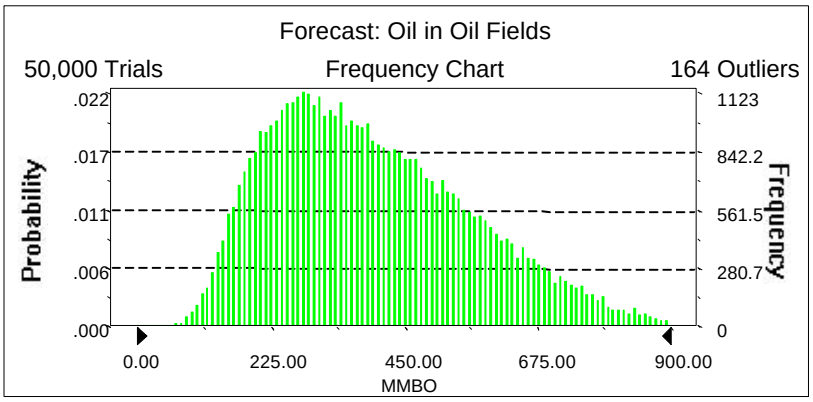
Forecast: Oil in Oil Fields

Summary:

Display range is from 0.00 to 900.00 MMBO
Entire range is from 53.21 to 1,168.18 MMBO
After 50,000 trials, the standard error of the mean is 0.75

Statistics:	Value
Trials	50000
Mean	398.95
Median	374.30
Mode	---
Standard Deviation	168.26
Variance	28,310.07
Skewness	0.59
Kurtosis	2.84
Coefficient of Variability	0.42
Range Minimum	53.21
Range Maximum	1,168.18
Range Width	1,114.97
Mean Standard Error	0.75



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Sylhet-Kopili/Barail-Tipam Composite
Monte Carlo Results

Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	53.21
95%	167.13
90%	198.32
85%	223.50
80%	246.23
75%	267.39
70%	287.66
65%	308.24
60%	329.74
55%	351.40
50%	374.30
45%	398.01
40%	423.67
35%	450.66
30%	479.02
25%	510.95
20%	546.01
15%	586.29
10%	637.14
5%	710.30
0%	1,168.18

End of Forecast

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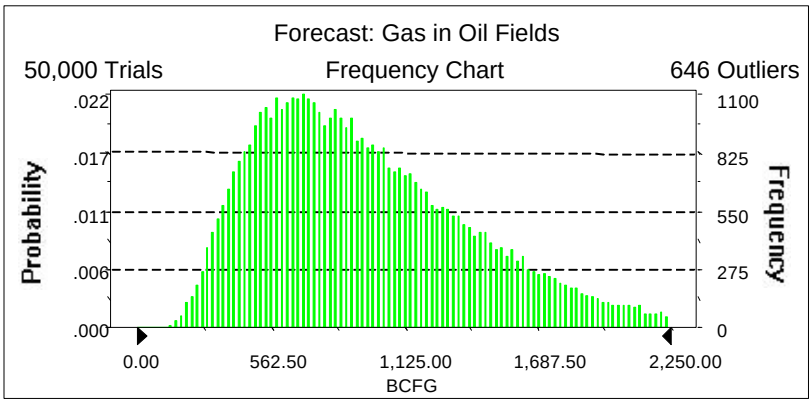
Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 2,250.00 BCFG
Entire range is from 95.65 to 3,579.15 BCFG
After 50,000 trials, the standard error of the mean is 2.09

Statistics:	Value
Trials	50000
Mean	979.62
Median	895.92
Mode	---
Standard Deviation	466.75
Variance	217,858.37
Skewness	0.87
Kurtosis	3.64
Coefficient of Variability	0.48
Range Minimum	95.65
Range Maximum	3,579.15
Range Width	3,483.50
Mean Standard Error	2.09



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Sylhet-Kopili/Barail-Tipam Composite
Monte Carlo Results

Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	95.65
95%	370.90
90%	450.99
85%	514.86
80%	570.10
75%	623.98
70%	676.68
65%	728.38
60%	782.07
55%	839.25
50%	895.92
45%	956.50
40%	1,021.59
35%	1,092.01
30%	1,169.56
25%	1,256.78
20%	1,357.60
15%	1,477.20
10%	1,629.56
5%	1,864.61
0%	3,579.15

End of Forecast

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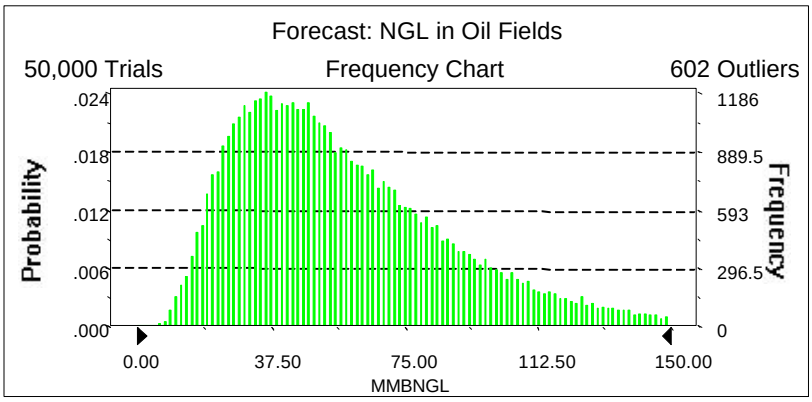
Sylhet-Kopili/Barail-Tipam Composite
Monte Carlo Results

Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 150.00 MMBNGL
Entire range is from 3.61 to 261.95 MMBNGL
After 50,000 trials, the standard error of the mean is 0.14

Statistics:	Value
Trials	50000
Mean	58.76
Median	52.38
Mode	---
Standard Deviation	30.95
Variance	958.18
Skewness	1.10
Kurtosis	4.47
Coefficient of Variability	0.53
Range Minimum	3.61
Range Maximum	261.95
Range Width	258.34
Mean Standard Error	0.14



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Sylhet-Kopili/Barail-Tipam Composite
Monte Carlo Results

Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	3.61
95%	20.45
90%	25.11
85%	28.89
80%	32.30
75%	35.61
70%	38.82
65%	42.14
60%	45.51
55%	48.87
50%	52.38
45%	56.22
40%	60.45
35%	65.01
30%	70.01
25%	75.67
20%	82.17
15%	90.28
10%	101.18
5%	118.52
0%	261.95

End of Forecast

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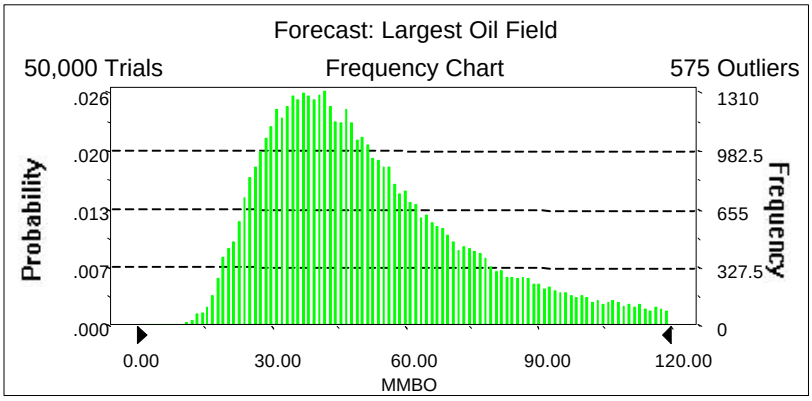
Monte Carlo Results

Forecast: Largest Oil Field

Summary:

Display range is from 0.00 to 120.00 MMBO
Entire range is from 7.08 to 129.98 MMBO
After 50,000 trials, the standard error of the mean is 0.10

Statistics:	Value
Trials	50000
Mean	52.49
Median	47.52
Mode	---
Standard Deviation	23.04
Variance	531.02
Skewness	0.99
Kurtosis	3.65
Coefficient of Variability	0.44
Range Minimum	7.08
Range Maximum	129.98
Range Width	122.90
Mean Standard Error	0.10



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Monte Carlo Results

Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	7.08
95%	23.81
90%	27.59
85%	30.49
80%	33.08
75%	35.51
70%	37.83
65%	40.15
60%	42.49
55%	44.92
50%	47.52
45%	50.24
40%	53.18
35%	56.46
30%	60.20
25%	64.60
20%	69.79
15%	76.47
10%	85.81
5%	99.95
0%	129.98

End of Forecast

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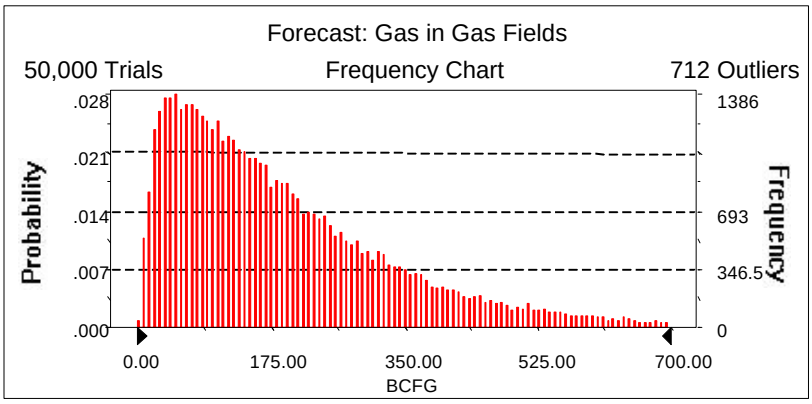
Sylhet-Kopili/Barail-Tipam Composite
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 700.00 BCFG
Entire range is from 6.23 to 1,841.97 BCFG
After 50,000 trials, the standard error of the mean is 0.72

Statistics:	Value
Trials	50000
Mean	198.24
Median	156.65
Mode	---
Standard Deviation	160.28
Variance	25,690.39
Skewness	1.63
Kurtosis	6.86
Coefficient of Variability	0.81
Range Minimum	6.23
Range Maximum	1,841.97
Range Width	1,835.74
Mean Standard Error	0.72



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Sylhet-Kopili/Barail-Tipam Composite
Monte Carlo Results

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	6.23
95%	27.58
90%	40.83
85%	53.47
80%	66.72
75%	79.89
70%	93.83
65%	108.42
60%	123.58
55%	139.67
50%	156.65
45%	174.68
40%	195.10
35%	216.71
30%	242.35
25%	270.87
20%	306.21
15%	348.95
10%	409.34
5%	514.77
0%	1,841.97

End of Forecast

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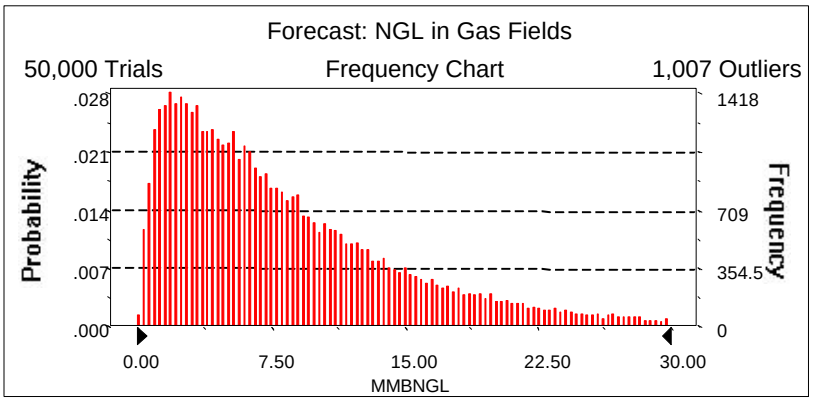
Sylhet-Kopili/Barail-Tipam Composite
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 30.00 MMBNGL
Entire range is from 0.15 to 77.16 MMBNGL
After 50,000 trials, the standard error of the mean is 0.03

Statistics:	Value
Trials	50000
Mean	8.71
Median	6.67
Mode	---
Standard Deviation	7.40
Variance	54.69
Skewness	1.83
Kurtosis	8.05
Coefficient of Variability	0.85
Range Minimum	0.15
Range Maximum	77.16
Range Width	77.00
Mean Standard Error	0.03



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Monte Carlo Results

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.15
95%	1.15
90%	1.70
85%	2.25
80%	2.81
75%	3.37
70%	3.97
65%	4.61
60%	5.29
55%	5.97
50%	6.67
45%	7.48
40%	8.38
35%	9.35
30%	10.54
25%	11.83
20%	13.40
15%	15.44
10%	18.32
5%	23.24
0%	77.16

End of Forecast

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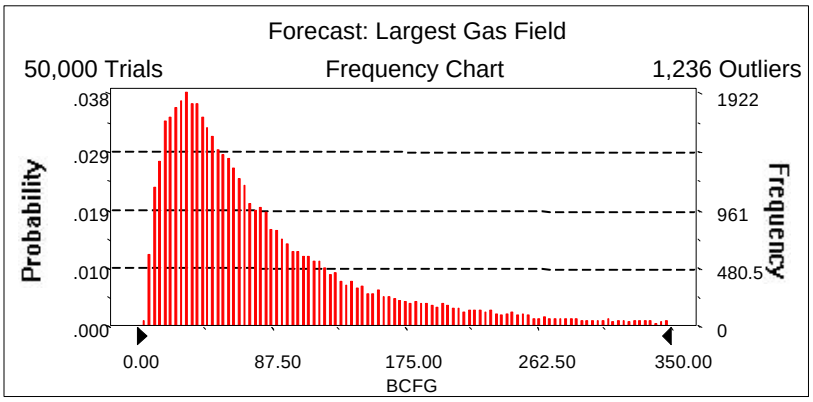
Monte Carlo Results

Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 350.00 BCFG
Entire range is from 6.23 to 699.18 BCFG
After 50,000 trials, the standard error of the mean is 0.40

Statistics:	Value
Trials	50000
Mean	91.30
Median	63.14
Mode	---
Standard Deviation	88.97
Variance	7,914.78
Skewness	2.59
Kurtosis	11.96
Coefficient of Variability	0.97
Range Minimum	6.23
Range Maximum	699.18
Range Width	692.95
Mean Standard Error	0.40



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Monte Carlo Results

Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	6.23
95%	15.99
90%	21.36
85%	26.43
80%	31.09
75%	35.73
70%	40.49
65%	45.49
60%	50.93
55%	56.86
50%	63.14
45%	70.15
40%	78.30
35%	87.42
30%	98.62
25%	112.71
20%	129.95
15%	155.30
10%	194.48
5%	266.63
0%	699.18

End of Forecast

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Monte Carlo Results

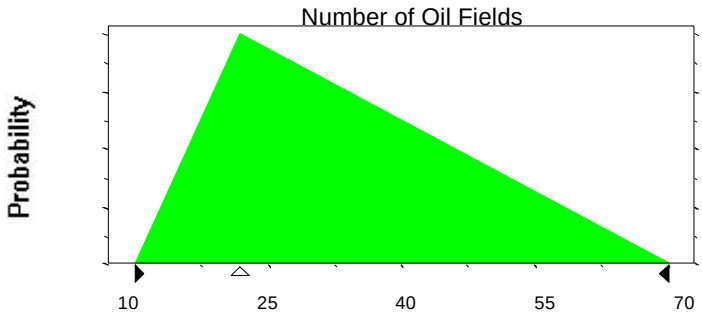
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	10
Likeliest	22
Maximum	70

Selected range is from 10 to 70
Mean value in simulation was 34



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	10.92	11.92
Standard Deviation	13.07	13.07

Selected range is from 0.00 to 129.00	1.00 to 130.00
Mean value in simulation was 10.74	11.74

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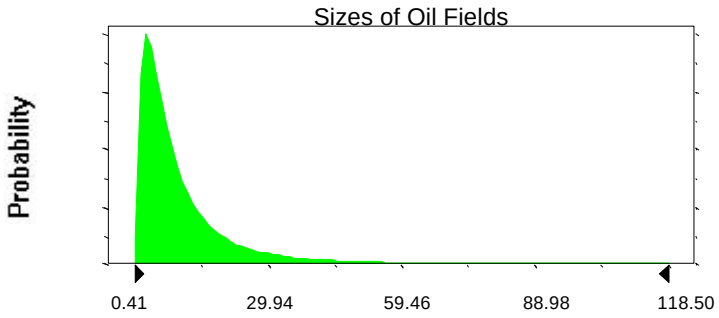
Assumption: Sizes of Oil Fields (cont'd)

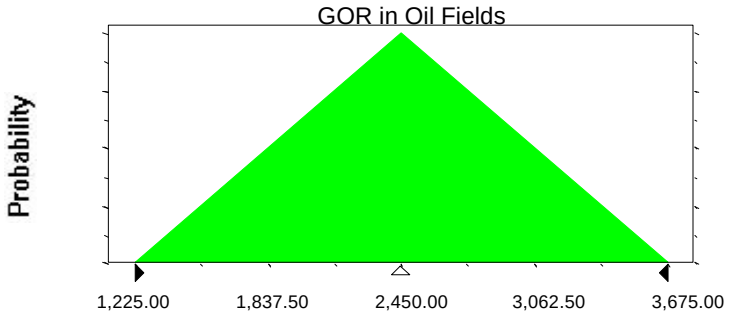


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	1,225.00
Likeliest	2,450.00
Maximum	3,675.00

Selected range is from 1,225.00 to 3,675.00
Mean value in simulation was 2,455.28



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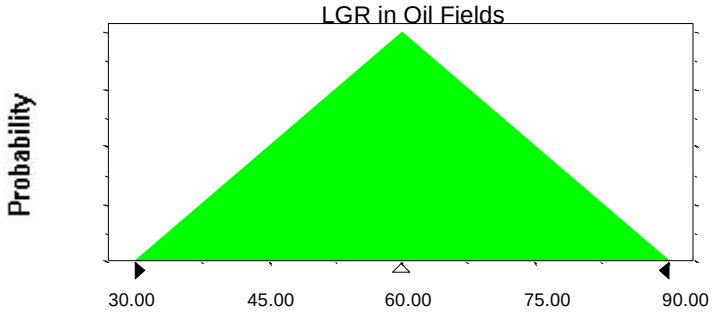
Monte Carlo Results

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



Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	2
Maximum	14

Selected range is from 1 to 14
Mean value in simulation was 5

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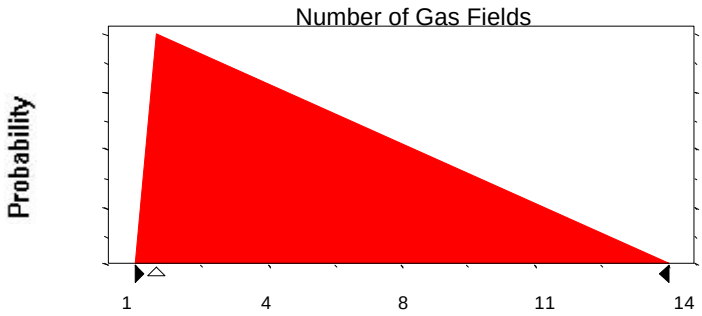
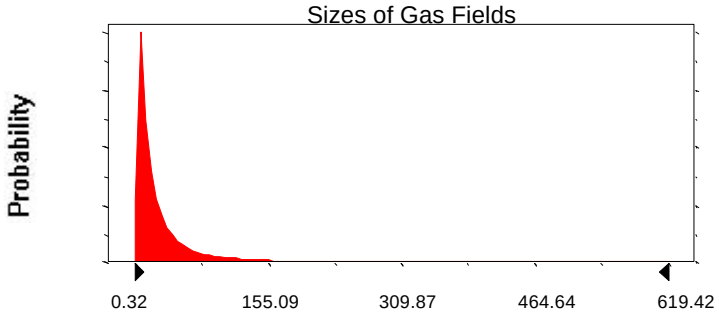
Assumption: Number of Gas Fields (cont'd)



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	31.09	37.09
Standard Deviation	61.65	61.65
Selected range is from 0.00 to 694.00		6.00 to 700.00
Mean value in simulation was 30.01		36.01



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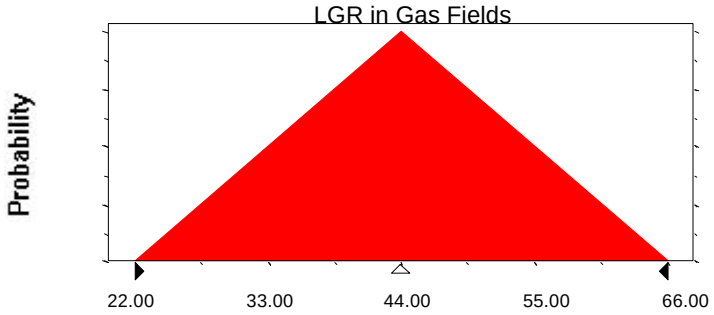
Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	22.00
Likeliest	44.00
Maximum	66.00

Selected range is from 22.00 to 66.00
Mean value in simulation was 43.97



End of Assumptions

Simulation started on 4/26/99 at 9:56:39
Simulation stopped on 4/26/99 at 10:21:18