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Supra-Domanik Carbonates/Clastics, Assessment Unit 10150101
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	796	1,614	2,734	1,676	188	398	722	419	10	23	46	25	35	64	95	64
Gas Fields	6						271	678	1,315	721	8	20	41	22	61	143	372	169
Total		1.00	796	1,614	2,734	1,676	459	1,076	2,037	1,141	18	43	87	47				

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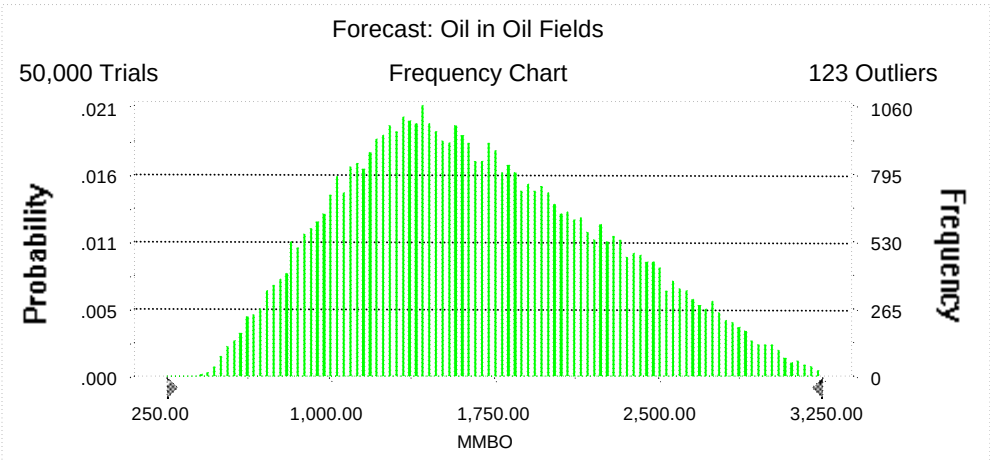
Forecast: Oil in Oil Fields

Summary:

Display range is from 250.00 to 3,250.00 MMBO
Entire range is from 371.47 to 3,673.89 MMBO
After 50,000 trials, the standard error of the mean is 2.63

Statistics:	Value
Trials	50000
Mean	1,676.16
Median	1,614.47
Mode	---
Standard Deviation	588.95
Variance	346,865.00
Skewness	0.35
Kurtosis	2.49
Coefficient of Variability	0.35
Range Minimum	371.47
Range Maximum	3,673.89
Range Width	3,302.43
Mean Standard Error	2.63



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Supra-Domanik Carbonates/Clastics
Monte Carlo Results

Forecast: Oil in Oil Fields (cont'd)

Percentiles:

Percentile	MMBO
100%	371.47
95%	796.29
90%	939.30
85%	1,049.60
80%	1,145.21
75%	1,230.86
70%	1,309.09
65%	1,384.26
60%	1,457.44
55%	1,535.49
50%	1,614.47
45%	1,699.33
40%	1,783.95
35%	1,877.23
30%	1,977.60
25%	2,088.82
20%	2,212.07
15%	2,347.92
10%	2,507.79
5%	2,734.18
0%	3,673.89

End of Forecast

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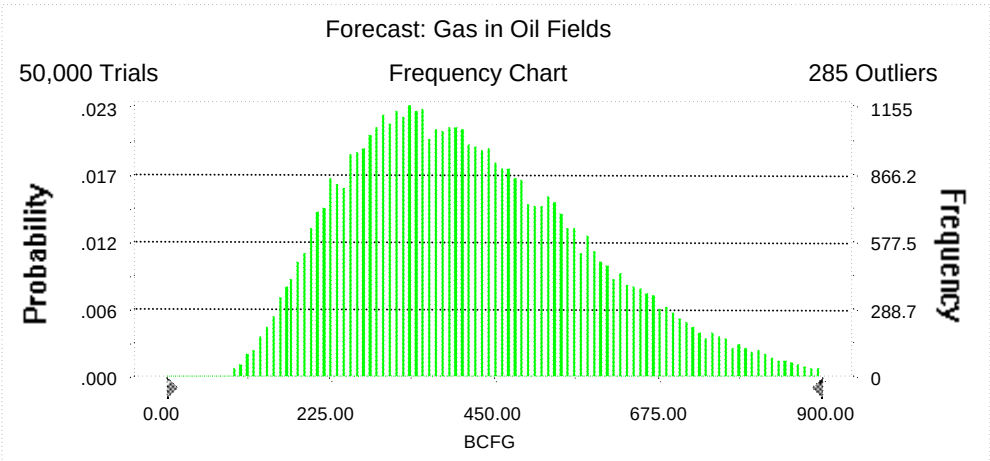
Forecast: Gas in Oil Fields

Summary:

Display range is from 0.00 to 900.00 BCFG
Entire range is from 72.85 to 1,112.29 BCFG
After 50,000 trials, the standard error of the mean is 0.73

Statistics:	Value
Trials	50000
Mean	419.44
Median	398.39
Mode	---
Standard Deviation	164.08
Variance	26,921.37
Skewness	0.60
Kurtosis	3.06
Coefficient of Variability	0.39
Range Minimum	72.85
Range Maximum	1,112.29
Range Width	1,039.44
Mean Standard Error	0.73



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Forecast: Gas in Oil Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	72.85
95%	187.71
90%	223.03
85%	250.32
80%	274.36
75%	296.23
70%	316.45
65%	336.29
60%	355.92
55%	377.33
50%	398.39
45%	420.34
40%	443.45
35%	467.84
30%	493.91
25%	524.51
20%	556.07
15%	595.12
10%	647.11
5%	721.94
0%	1,112.29

End of Forecast

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Supra-Domanik Carbonates/Clastics
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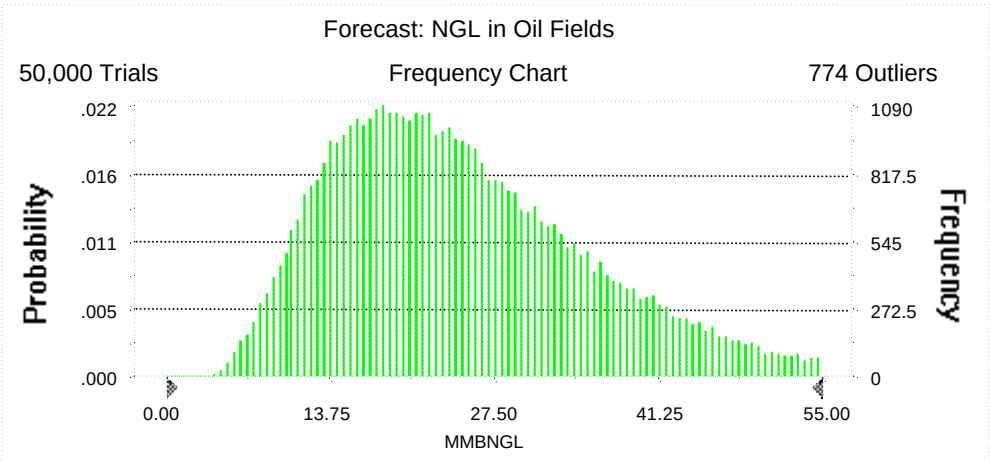
Forecast: NGL in Oil Fields

Summary:

Display range is from 0.00 to 55.00 MMBNGL
Entire range is from 3.25 to 85.60 MMBNGL
After 50,000 trials, the standard error of the mean is 0.05

Statistics:	Value
Trials	50000
Mean	25.15
Median	23.30
Mode	---
Standard Deviation	11.25
Variance	126.66
Skewness	0.87
Kurtosis	3.81
Coefficient of Variability	0.45
Range Minimum	3.25
Range Maximum	85.60
Range Width	82.35
Mean Standard Error	0.05



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Forecast: NGL in Oil Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	3.25
95%	10.20
90%	12.32
85%	13.97
80%	15.41
75%	16.76
70%	18.05
65%	19.34
60%	20.63
55%	21.95
50%	23.30
45%	24.71
40%	26.18
35%	27.81
30%	29.63
25%	31.68
20%	34.01
15%	36.86
10%	40.67
5%	46.42
0%	85.60

End of Forecast

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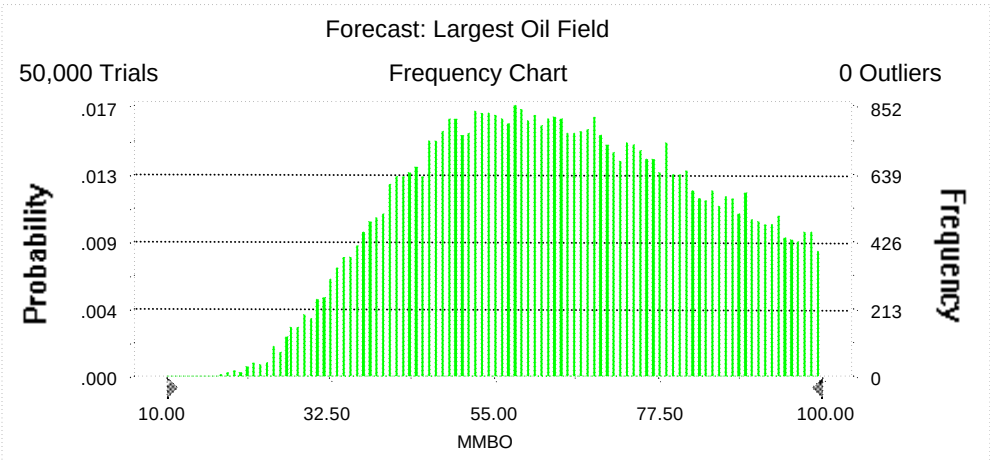
Forecast: Largest Oil Field

Summary:

Display range is from 10.00 to 100.00 MMBO
Entire range is from 14.98 to 100.00 MMBO
After 50,000 trials, the standard error of the mean is 0.08

Statistics:	Value
Trials	50000
Mean	64.13
Median	63.53
Mode	---
Standard Deviation	18.54
Variance	343.85
Skewness	0.02
Kurtosis	2.13
Coefficient of Variability	0.29
Range Minimum	14.98
Range Maximum	100.00
Range Width	85.02
Mean Standard Error	0.08



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Forecast: Largest Oil Field (cont'd)

Percentiles:

Percentile	MMBO
100%	14.98
95%	34.55
90%	39.69
85%	43.45
80%	46.80
75%	49.69
70%	52.55
65%	55.25
60%	58.03
55%	60.77
50%	63.53
45%	66.37
40%	69.24
35%	72.30
30%	75.43
25%	78.74
20%	82.18
15%	86.13
10%	90.22
5%	94.82
0%	100.00

End of Forecast

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Supra-Domanik Carbonates/Clastics
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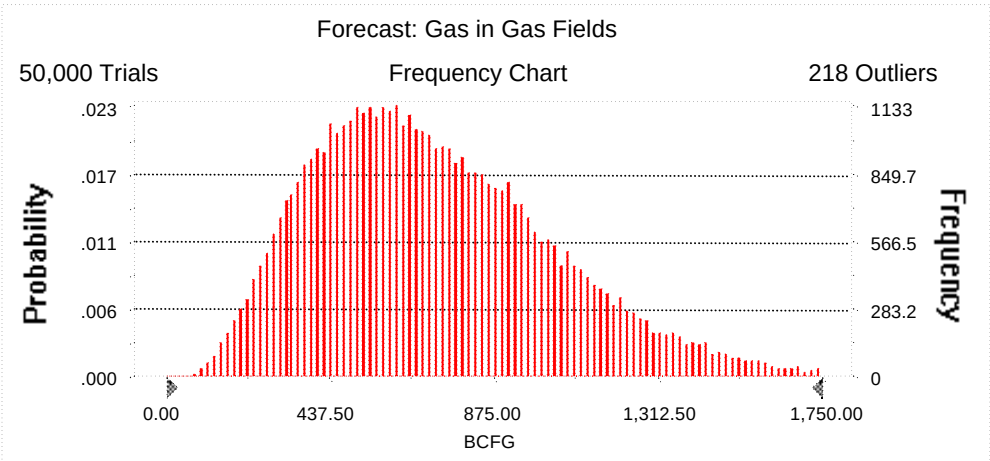
Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 1,750.00 BCFG
Entire range is from 64.04 to 2,484.85 BCFG
After 50,000 trials, the standard error of the mean is 1.45

Statistics:	Value
Trials	50000
Mean	721.16
Median	677.63
Mode	---
Standard Deviation	323.14
Variance	104,418.81
Skewness	0.70
Kurtosis	3.43
Coefficient of Variability	0.45
Range Minimum	64.04
Range Maximum	2,484.85
Range Width	2,420.81
Mean Standard Error	1.45



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Supra-Domanik Carbonates/Clastics
Monte Carlo Results

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	64.04
95%	271.30
90%	337.42
85%	390.16
80%	436.79
75%	478.60
70%	518.88
65%	558.07
60%	597.31
55%	636.52
50%	677.63
45%	720.82
40%	766.62
35%	814.57
30%	866.16
25%	921.87
20%	982.98
15%	1,062.43
10%	1,160.40
5%	1,314.68
0%	2,484.85

End of Forecast

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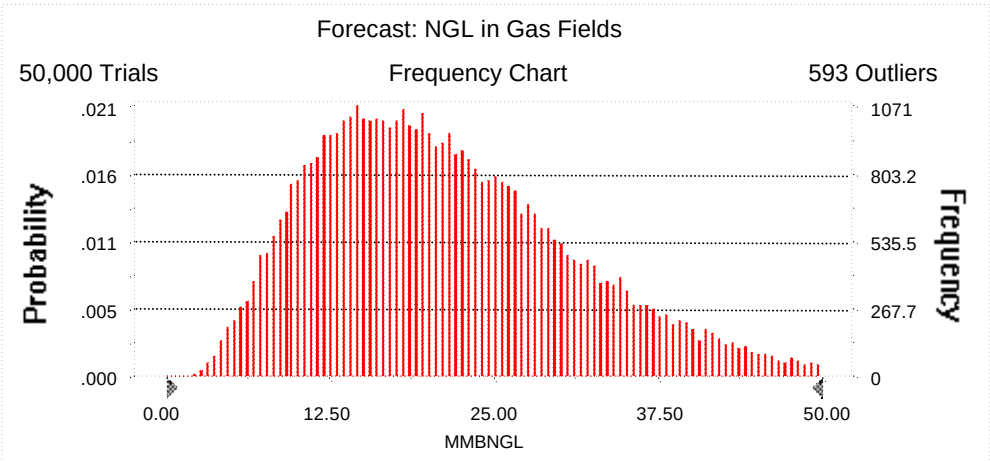
Supra-Domanik Carbonates/Clastics
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 50.00 MMBNGL
Entire range is from 1.92 to 89.92 MMBNGL
After 50,000 trials, the standard error of the mean is 0.05

Statistics:	Value
Trials	50000
Mean	21.65
Median	20.12
Mode	---
Standard Deviation	10.22
Variance	104.36
Skewness	0.83
Kurtosis	3.82
Coefficient of Variability	0.47
Range Minimum	1.92
Range Maximum	89.92
Range Width	88.00
Mean Standard Error	0.05



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Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	1.92
95%	7.83
90%	9.83
85%	11.37
80%	12.73
75%	14.00
70%	15.19
65%	16.42
60%	17.66
55%	18.88
50%	20.12
45%	21.46
40%	22.82
35%	24.32
30%	25.92
25%	27.67
20%	29.71
15%	32.28
10%	35.48
5%	40.68
0%	89.92

End of Forecast

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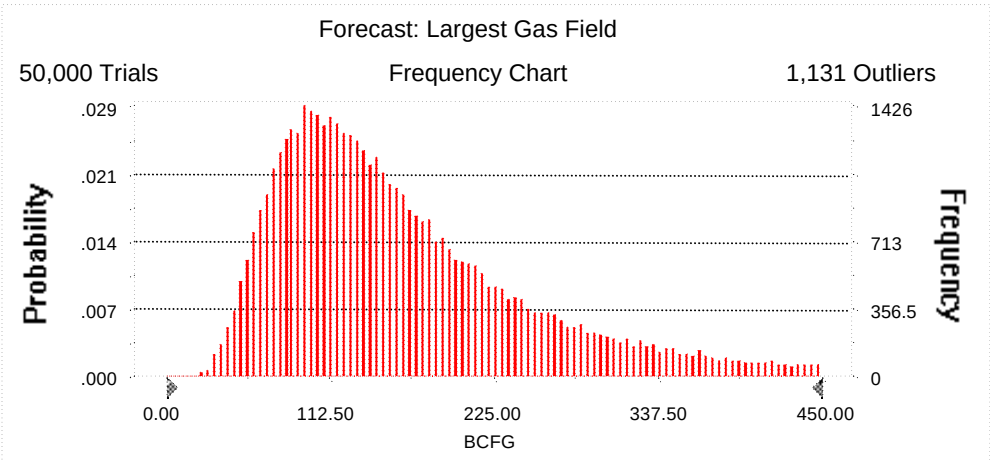
Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 450.00 BCFG
Entire range is from 17.06 to 599.77 BCFG
After 50,000 trials, the standard error of the mean is 0.44

Statistics:	Value
Trials	50000
Mean	168.95
Median	143.19
Mode	---
Standard Deviation	98.08
Variance	9,620.15
Skewness	1.49
Kurtosis	5.45
Coefficient of Variability	0.58
Range Minimum	17.06
Range Maximum	599.77
Range Width	582.71
Mean Standard Error	0.44



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Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	17.06
95%	60.83
90%	73.29
85%	82.87
80%	91.49
75%	99.80
70%	107.86
65%	116.23
60%	124.76
55%	133.65
50%	143.19
45%	153.43
40%	164.73
35%	177.66
30%	192.28
25%	210.21
20%	231.50
15%	260.73
10%	301.51
5%	372.50
0%	599.77

End of Forecast

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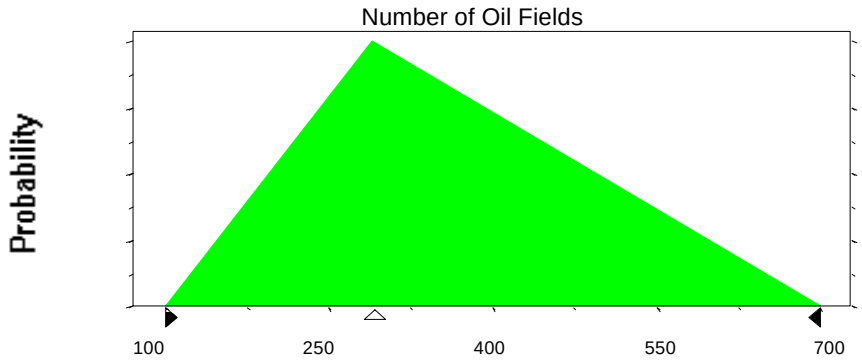
Assumptions

Assumption: Number of Oil Fields

Triangular distribution with parameters:

Minimum	100
Likeliest	292
Maximum	700

Selected range is from 100 to 700
Mean value in simulation was 364



Assumption: Sizes of Oil Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	3.76	4.76
Standard Deviation	8.65	8.65
Selected range is from	0.00 to 99.00	1.00 to 100.00
Mean value in simulation was	3.60	4.6

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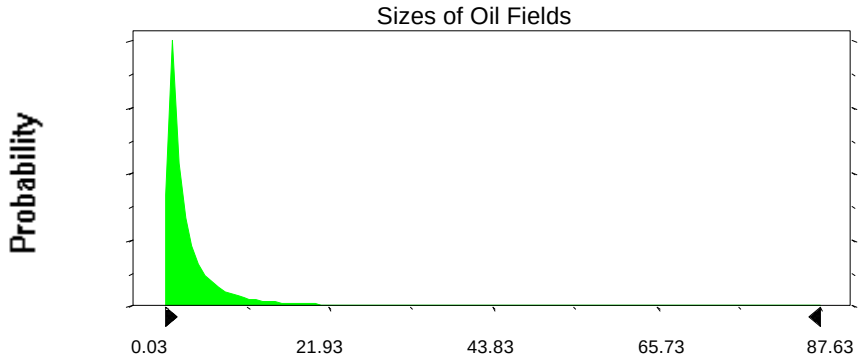
Assumption: Sizes of Oil Fields (cont'd)

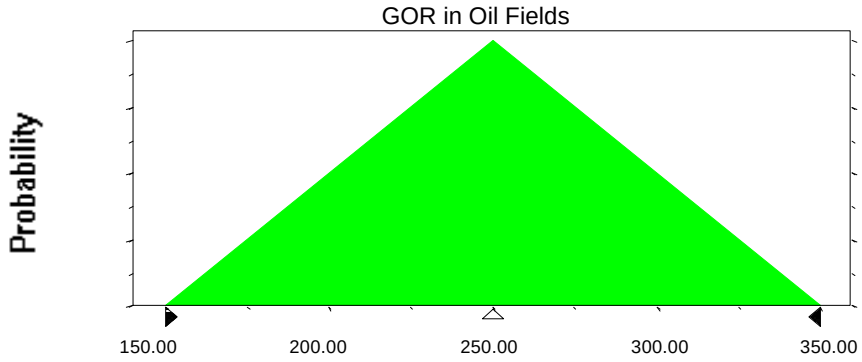


Assumption: GOR in Oil Fields

Triangular distribution with parameters:

Minimum	150.00
Likeliest	250.00
Maximum	350.00

Selected range is from 150.00 to 350.00
Mean value in simulation was 250.26



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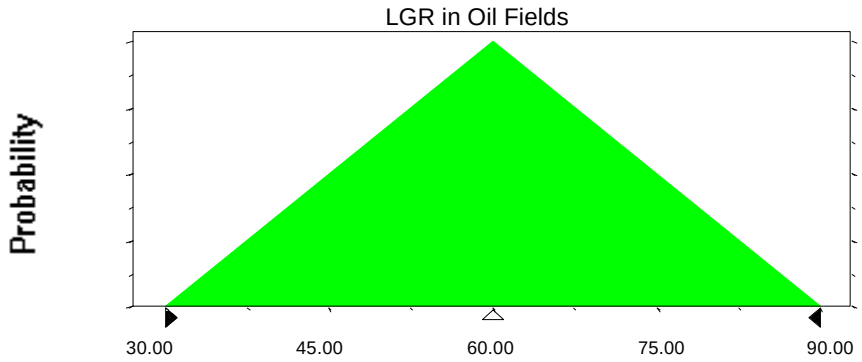
Assumption: LGR in Oil Fields

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 59.98



Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	4
Likeliest	13
Maximum	30

Selected range is from 4 to 30
Mean value in simulation was 16

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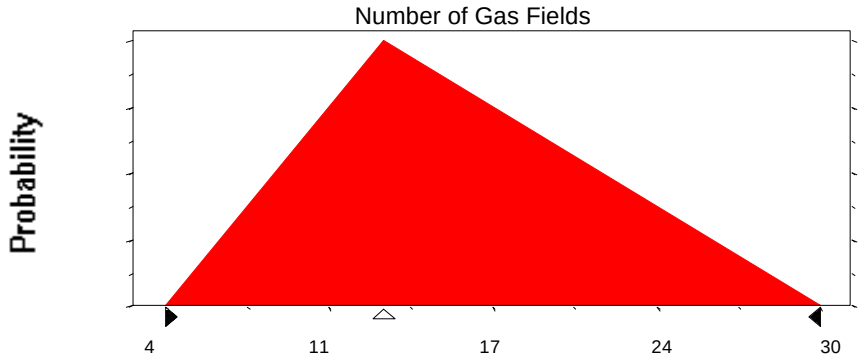
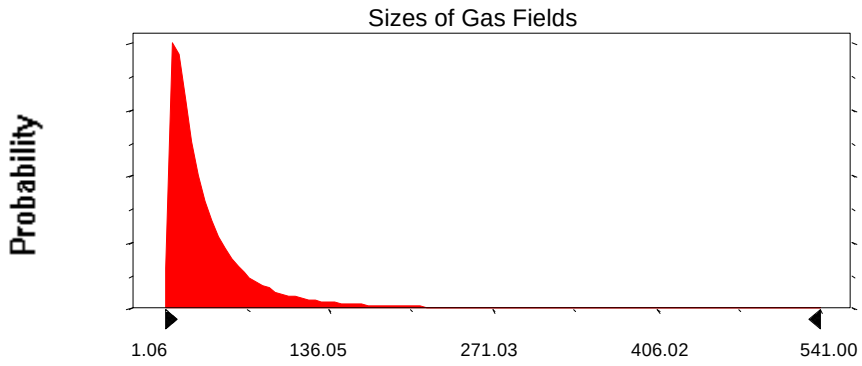
Assumption: Number of Gas Fields (cont'd)



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	41.15	47.15
Standard Deviation	57.32	57.32
Selected range is from 0.00 to 594.00		6.00 to 600.00
Mean value in simulation was 40.47		46.47



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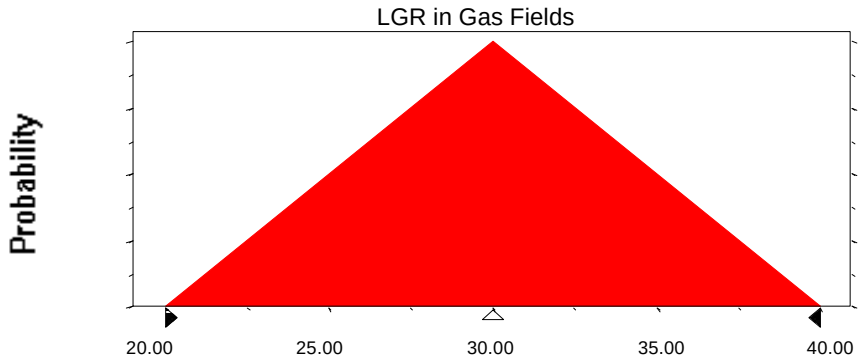
Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	20.00
Likeliest	30.00
Maximum	40.00

Selected range is from 20.00 to 40.00
Mean value in simulation was 30.02



End of Assumptions

Simulation started on 6/14/99 at 13:57:08
Simulation stopped on 6/14/99 at 16:39:24