Leshan-Longnusi Paleohigh, Assessment Unit 31420401
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	3	1.00	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA
Gas Fields	18						587	2,460	5,950	2,763	24	105	276	122	159	570	2,027	750
Total		1.00	0	0	0	0	587	2,460	5,950	2,763	24	105	276	122				

Forecast: Gas in Gas Fields

Summary:
Display range is from 0.00 to 8,000.00 BCFG
Entire range is from 30.77 to 12,726.88 BCFG
After 50,000 trials, the standard error of the mean is 7.55

Statistics:	Value
Trials	50000
Mean	2,763.46
Median	2,459.63
Mode	---
Standard Deviation	1,688.24
Variance	2,850,156.55
Skewness	0.91
Kurtosis	3.81
Coefficient of Variability	0.61
Range Minimum	30.77
Range Maximum	12,726.88
Range Width	12,696.12
Mean Standard Error	7.55

Forecast: Gas in Gas Fields

50,000 Trials   Frequency Chart   360 Outliers

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

| Percentile	BCFG
100%	30.77
95%	586.75
90%	846.51
85%	1,071.54
80%	1,276.01
75%	1,470.81
70%	1,658.30
65%	1,849.99
60%	2,043.40
55%	2,244.90
50%	2,459.63
45%	2,683.27
40%	2,925.26
35%	3,175.39
30%	3,450.94
25%	3,758.24
20%	4,119.84
15%	4,557.51
10%	5,098.36
5%	5,949.71
0%	12,726.88

End of Forecast

Forecast: NGL in Gas Fields

Summary:
Display range is from 0.00 to 350.00 MMBNGL
Entire range is from 1.41 to 678.56 MMBNGL
After 50,000 trials, the standard error of the mean is 0.36

Statistics:	Value
Trials	50000
Mean	121.55
Median	104.90
Mode	---
Standard Deviation	79.70
Variance	6,351.75
Skewness	1.15
Kurtosis	4.71
Coefficient of Variability	0.66
Range Minimum	1.41
Range Maximum	678.56
Range Width	677.15
Mean Standard Error	0.36
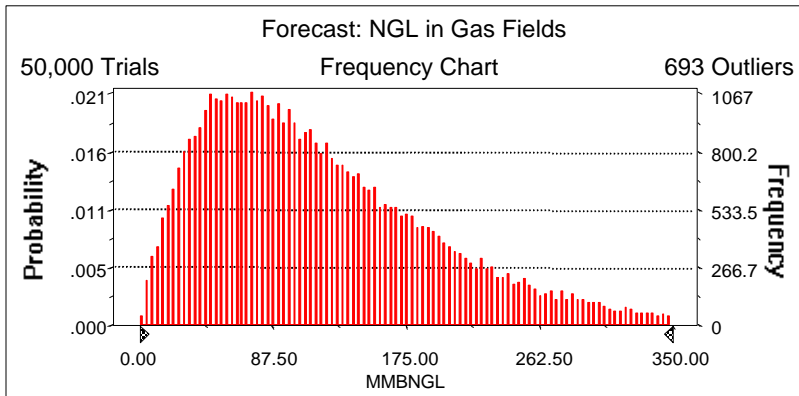
Forecast: NGL in Gas Fields
50,000 Trials — Frequency Chart — 693 Outliers

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

| Percentile	MMBNGL
100%	1.41
95%	24.00
90%	35.09
85%	44.60
80%	53.07
75%	61.37
70%	69.95
65%	78.30
60%	86.76
55%	95.78
50%	104.90
45%	114.85
40%	125.47
35%	137.09
30%	149.86
25%	164.86
20%	181.69
15%	202.10
10%	230.29
5%	276.50
0%	678.56

End of Forecast

Forecast: Largest Gas Field

Summary:
    Display range is from 0.00 to 2,500.00 BCFG
    Entire range is from 26.94 to 3,497.68 BCFG
    After 50,000 trials, the standard error of the mean is 2.66

Statistics:	Value
Trials	50000
Mean	750.16
Median	570.22
Mode	---
Standard Deviation	594.40
Variance	353,309.68
Skewness	1.77
Kurtosis	6.45
Coefficient of Variability	0.79
Range Minimum	26.94
Range Maximum	3,497.68
Range Width	3,470.74
Mean Standard Error	2.66
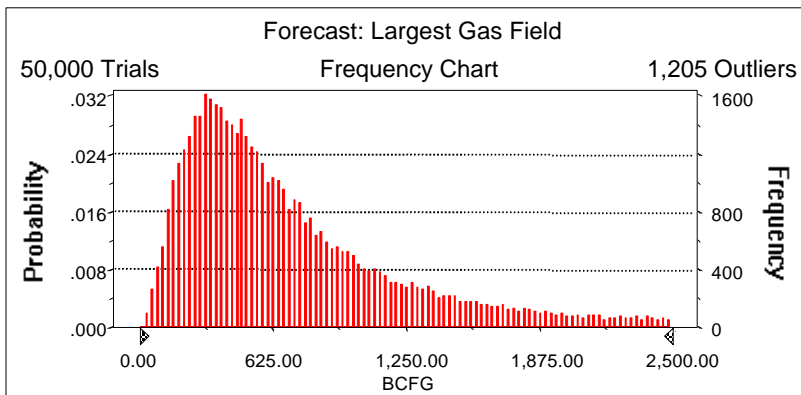
Forecast: Largest Gas Field
50,000 Trials   Frequency Chart   1,205 Outliers

Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	26.94
95%	159.30
90%	215.12
85%	261.87
80%	304.50
75%	343.69
70%	384.18
65%	427.57
60%	473.50
55%	518.13
50%	570.22
45%	627.38
40%	690.17
35%	761.72
30%	848.47
25%	956.31
20%	1,091.41
15%	1,275.81
10%	1,540.20
5%	2,027.00
0%	3,497.68

End of Forecast

Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:
Minimum	1
Likeliest	13
Maximum	50

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

Number of Gas Fields
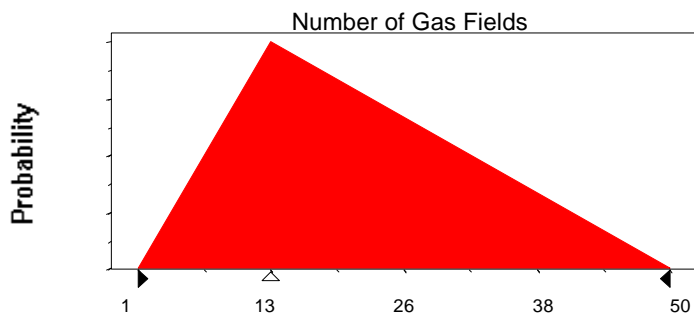
Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters	
Mean	116.71		134.71
Standard Deviation	302.56		302.56
Selected range is from 0.00 to 3,482.00		18.00 to 3,500.00	
Mean value in simulation was 111.43		129.43	

Assumption: Sizes of Gas Fields (cont'd)

Sizes of Gas Fields
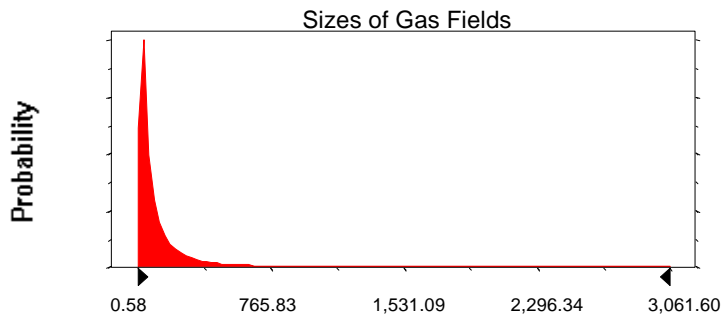
Assumption: LGR in Gas Fields

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 43.98

LGR in Gas Fields
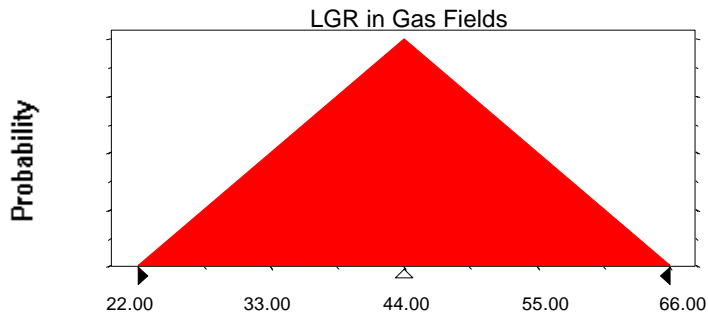
End of Assumptions

Simulation started on 12/30/99 at 16:53:05
Simulation stopped on 12/30/99 at 17:10:51