Foreland Basin, Assessment Unit 40470101
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	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA
Gas Fields	6						852	2,129	4,420	2,321	6	17	38	19	85	174	339	187
Total		1.00	0	0	0	0	852	2,129	4,420	2,321	6	17	38	19				

Forecast: Gas in Gas Fields

Summary:
Display range is from 0.00 to 5,500.00 BCFG
Entire range is from 360.52 to 6,386.59 BCFG
After 50,000 trials, the standard error of the mean is 5.01

Statistics:	Value
Trials	50000
Mean	2,320.54
Median	2,128.91
Mode	---
Standard Deviation	1,120.17
Variance	1,254,790.77
Skewness	0.61
Kurtosis	2.61
Coefficient of Variability	0.48
Range Minimum	360.52
Range Maximum	6,386.59
Range Width	6,026.07
Mean Standard Error	5.01
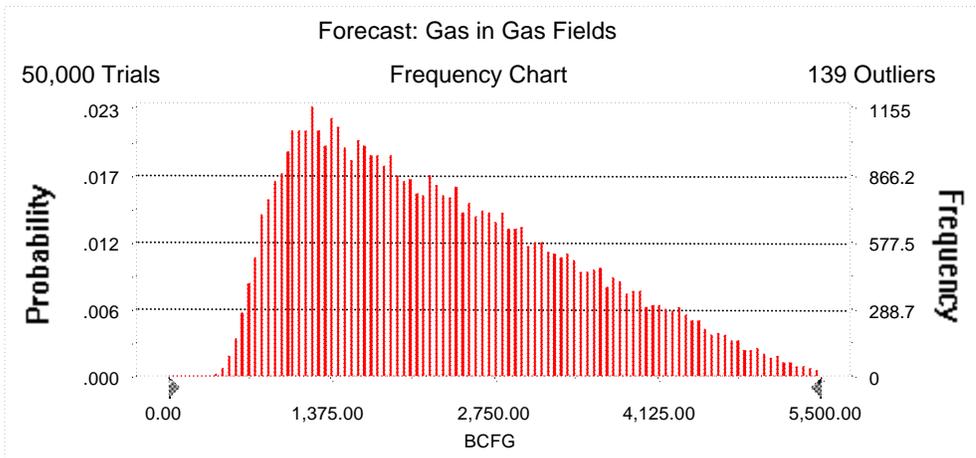
Forecast: Gas in Gas Fields

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

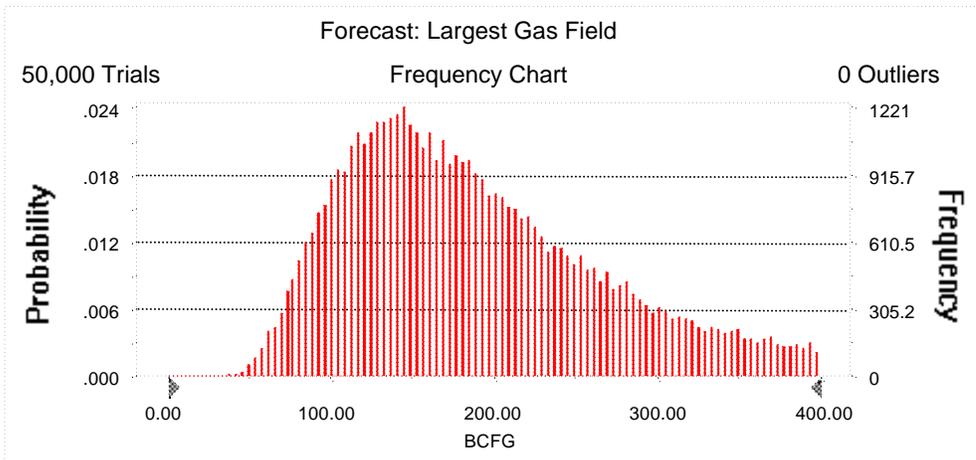| Percentile	BCFG
100%	360.52
95%	851.99
90%	1,008.28
85%	1,142.35
80%	1,267.13
75%	1,399.13
70%	1,530.05
65%	1,668.79
60%	1,813.97
55%	1,965.00
50%	2,128.91
45%	2,296.77
40%	2,471.52
35%	2,662.88
30%	2,862.50
25%	3,083.71
20%	3,333.26
15%	3,621.09
10%	3,962.38
5%	4,420.25
0%	6,386.59

End of Forecast

Forecast: NGL in Gas Fields

Summary:
    Display range is from 0.00 to 45.00 MMBNGL
    Entire range is from 2.32 to 67.63 MMBNGL
    After 50,000 trials, the standard error of the mean is 0.04

Statistics:	Value
Trials	50000
Mean	18.57
Median	16.60
Mode	---
Standard Deviation	9.91
Variance	98.18
Skewness	0.91
Kurtosis	3.54
Coefficient of Variability	0.53
Range Minimum	2.32
Range Maximum	67.63
Range Width	65.32
Mean Standard Error	0.04
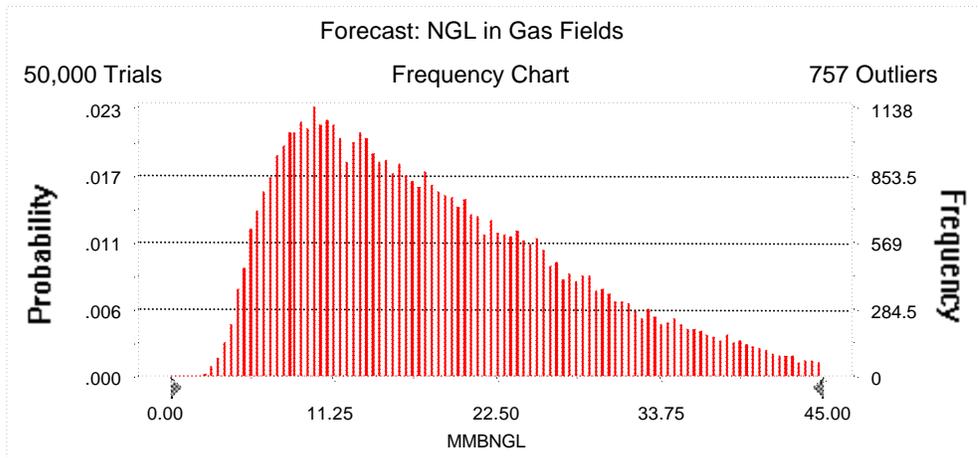
Forecast: NGL in Gas Fields

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	2.32
95%	6.20
90%	7.55
85%	8.67
80%	9.74
75%	10.76
70%	11.81
65%	12.97
60%	14.08
55%	15.31
50%	16.60
45%	17.95
40%	19.37
35%	20.92
30%	22.63
25%	24.49
20%	26.59
15%	29.19
10%	32.63
5%	37.75
0%	67.63

End of Forecast

Forecast: Largest Gas Field

Summary:
Display range is from 0.00 to 400.00 BCFG
Entire range is from 27.29 to 400.00 BCFG
After 50,000 trials, the standard error of the mean is 0.34

Statistics:	Value
Trials	50000
Mean	187.22
Median	173.54
Mode	---
Standard Deviation	76.52
Variance	5,855.89
Skewness	0.67
Kurtosis	2.81
Coefficient of Variability	0.41
Range Minimum	27.29
Range Maximum	400.00
Range Width	372.71
Mean Standard Error	0.34

Forecast: Largest Gas Field

Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	27.29
95%	84.63
90%	99.10
85%	110.02
80%	119.60
75%	128.83
70%	137.40
65%	145.80
60%	154.45
55%	163.78
50%	173.54
45%	183.65
40%	194.30
35%	206.32
30%	219.44
25%	234.63
20%	252.39
15%	273.11
10%	300.37
5%	339.28
0%	400.00

End of Forecast

Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:
Minimum   20
Likeliest   33
Maximum   175

Selected range is from 20 to 175
Mean value in simulation was 76

Number of Gas Fields
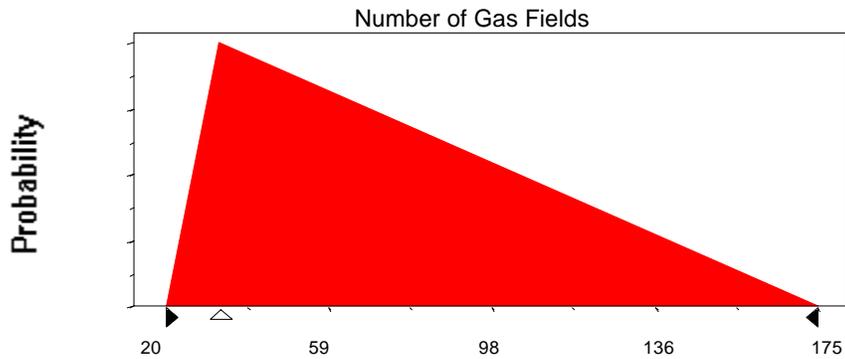
Assumption: Sizes of Gas Fields

| Lognormal distribution with parameters:		Shifted parameters	
Mean	25.09		31.09
Standard Deviation	37.30		37.3

Selected range is from 0.00 to 394.00   6.00 to 400.00
Mean value in simulation was 24.64   30.64

Assumption: Sizes of Gas Fields (cont'd)

Sizes of Gas Fields
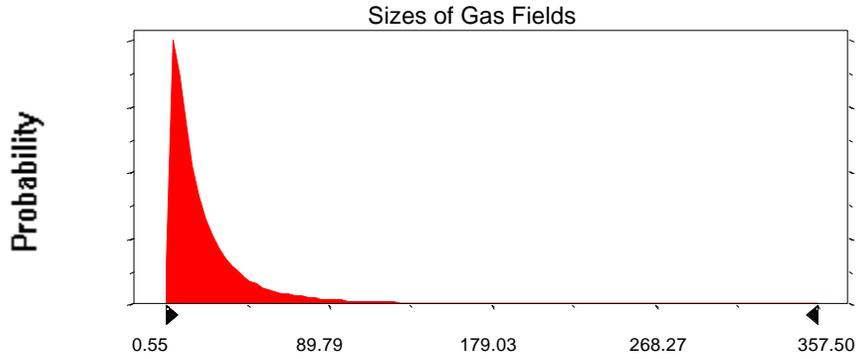
Assumption: LGR in Gas Fields

Triangular distribution with parameters:
Minimum	4.00
Likeliest	8.00
Maximum	12.00

Selected range is from 4.00 to 12.00
Mean value in simulation was 8.01

LGR in Gas Fields
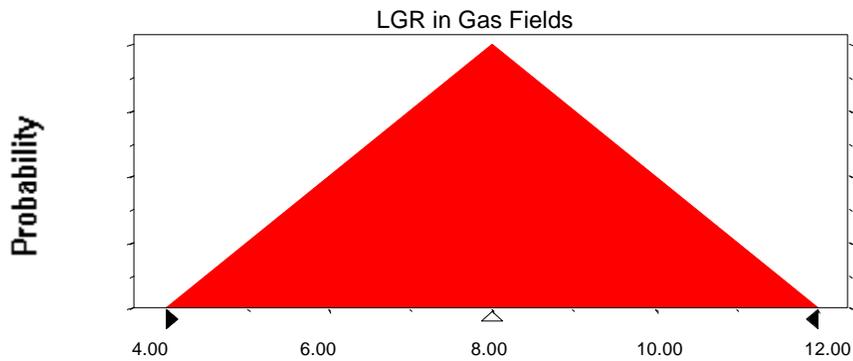
End of Assumptions

Simulation started on 9/10/99 at 11:44:10
Simulation stopped on 9/10/99 at 12:28:12