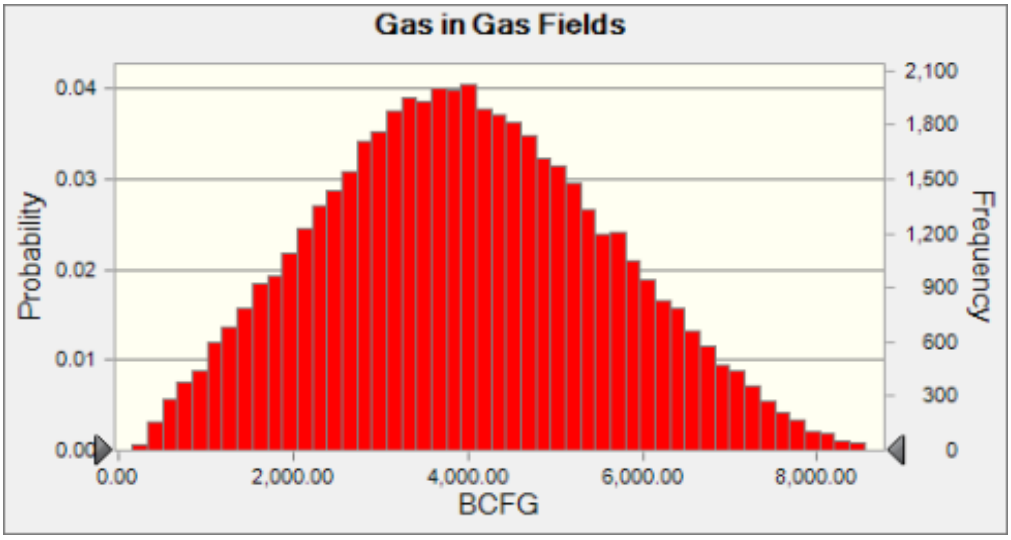
53000103
Wilcox-Eocene Sandstones
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:
Entire range is from 117.29 to 9,881.24
After 50,000 trials, the standard error of the mean is 7.27



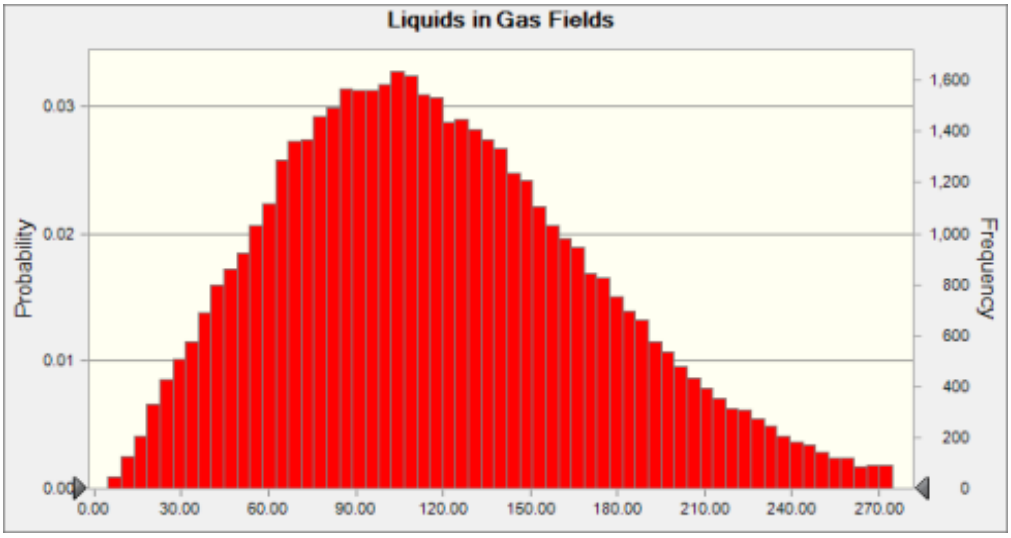
Statistics:	Forecast values
Trials	50,000
Mean	3,964.65
Median	3,902.91
Mode	---
Standard Deviation	1,625.52
Variance	2,642,327.09
Skewness	0.17
Kurtosis	2.54
Coefficient of Variability	0.41
Minimum	117.29
Maximum	9,881.24
Range Width	9,763.95
Mean Standard Error	7.27

Forecast: Gas in Gas Fields (continued)

Percentiles:	BCFG
100%	117.29
95%	1,356.81
90%	1,839.40
85%	2,210.75
80%	2,511.25
75%	2,778.61
70%	3,028.29
65%	3,253.49
60%	3,478.59
55%	3,692.36
50%	3,902.91
45%	4,121.49
40%	4,336.52
35%	4,564.83
30%	4,823.12
25%	5,098.68
20%	5,410.23
15%	5,751.35
10%	6,167.15
5%	6,758.20
0%	9,881.24

Forecast: Liquids in Gas Fields

Summary:
Entire range is from 3.60 to 400.27
After 50,000 trials, the standard error of the mean is 0.25



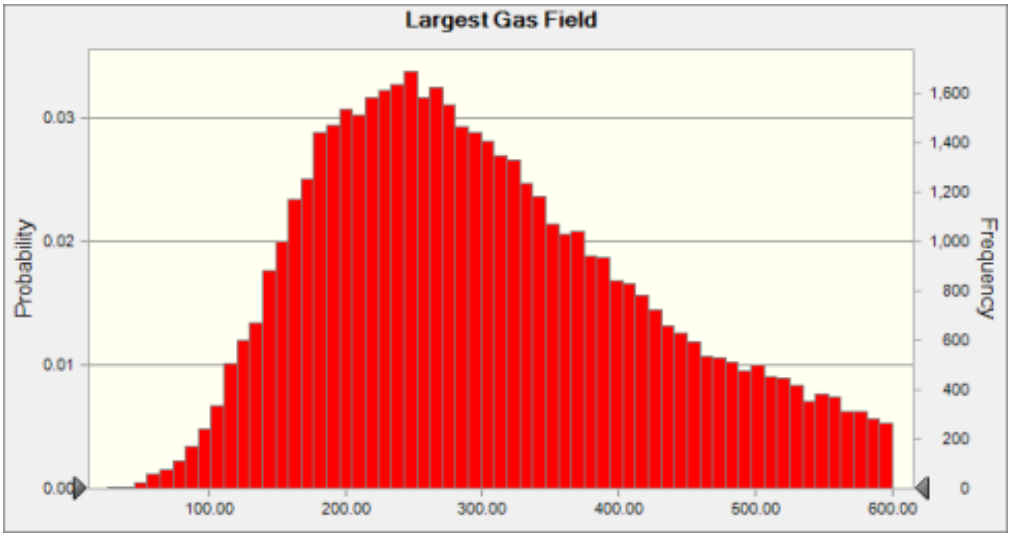
Statistics:	Forecast values
Trials	50,000
Mean	119.22
Median	113.56
Mode	---
Standard Deviation	55.59
Variance	3,090.58
Skewness	0.56
Kurtosis	3.15
Coefficient of Variability	0.47
Minimum	3.60
Maximum	400.27
Range Width	396.68
Mean Standard Error	0.25

Forecast: Liquids in Gas Fields (continued)

Percentiles:	MMBL
100%	3.60
95%	37.90
90%	51.52
85%	61.57
80%	70.19
75%	78.01
70%	85.56
65%	92.54
60%	99.42
55%	106.51
50%	113.56
45%	120.64
40%	127.96
35%	135.82
30%	144.44
25%	154.08
20%	165.15
15%	178.31
10%	194.59
5%	220.49
0%	400.27

Forecast: Largest Gas Field

Summary:
Entire range is from 33.03 to 599.98
After 50,000 trials, the standard error of the mean is 0.53



Statistics:	Forecast values
Trials	50,000
Mean	300.69
Median	282.53
Mode	---
Standard Deviation	118.56
Variance	14,056.48
Skewness	0.49
Kurtosis	2.55
Coefficient of Variability	0.39
Minimum	33.03
Maximum	599.98
Range Width	566.95
Mean Standard Error	0.53

Forecast: Largest Gas Field (continued)

Percentiles:	BCFG
100%	33.03
95%	134.16
90%	160.62
85%	179.48
80%	195.29
75%	210.18
70%	224.12
65%	238.76
60%	252.88
55%	267.34
50%	282.53
45%	298.39
40%	315.64
35%	334.01
30%	354.95
25%	379.29
20%	406.12
15%	438.16
10%	477.18
5%	528.59
0%	599.98

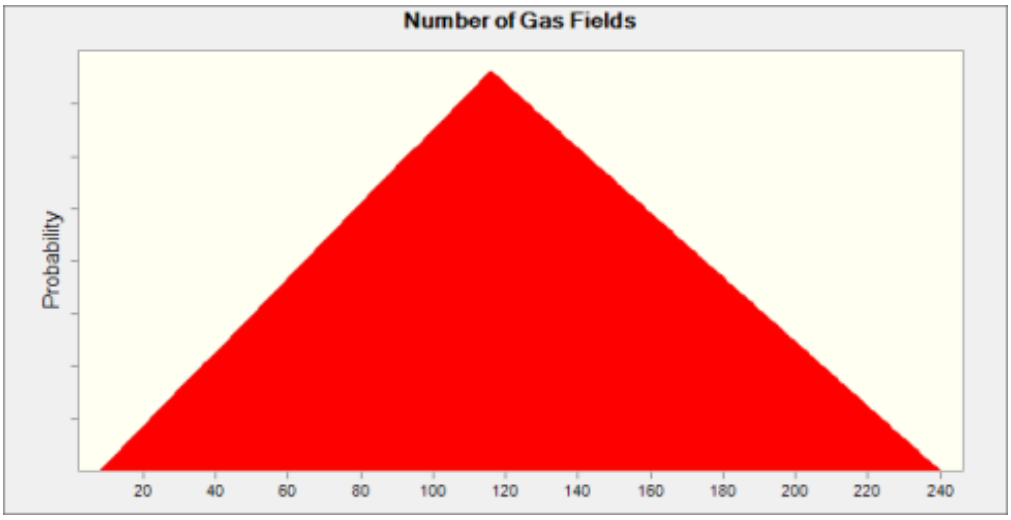
End of Forecasts

Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	8
Median	120
Maximum	240



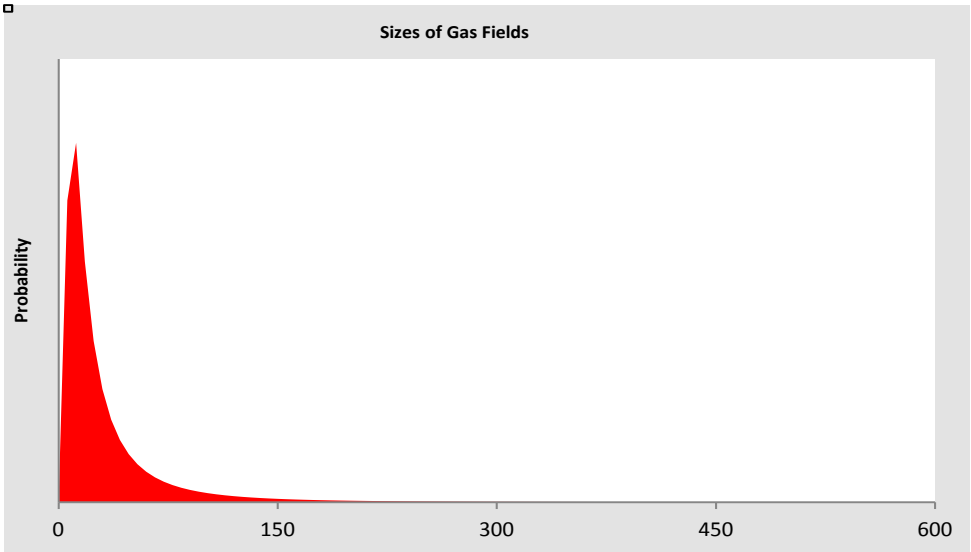
Statistics:	Simulated values	Theoretical values
Trials	50,000	---
Mean		121
Median		120
Mode		116
Standard Deviation		47
Variance		2,246
Skewness		0.0685
Kurtosis		5.40
Coefficient of Variability		0.3908
Minimum		8
Maximum		240
Range Width		232
Mean Standard Error		---

Assumption: Number of Gas Fields (continued)

Percentiles:	Simulated values	Theoretical values
100%		8
95%		43
90%		58
85%		69
80%		79
75%		87
70%		95
65%		102
60%		108
55%		114
50%		120
45%		126
40%		133
35%		140
30%		147
25%		155
20%		164
15%		174
10%		186
5%		202
0%		240

Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Location	0.00	3
Mean	30.53	33.53
Standard Deviation	54.12	54.12
Selected range is from -Infinity to 597.00		3.00 to 600.00



Statistics:	Simulated values	Theoretical values
Trials	50,000	---
Mean		32.68
Median		17.98
Mode		---
Standard Deviation		45.35
Variance		2,056.19
Skewness		4.56
Kurtosis		33.73
Coefficient of Variability		1.39
Minimum		3.00
Maximum		600.00
Range Width		597.00
Mean Standard Error		---

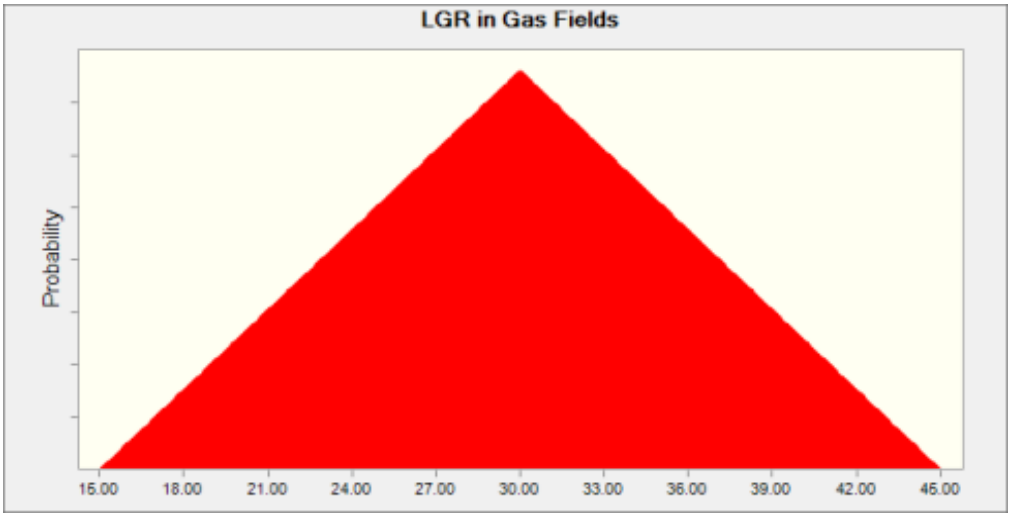
Assumption: Sizes of Gas Fields (continued)

Percentiles:	Simulated values	Theoretical values
100%		3.00
95%		5.11
90%		6.25
85%		7.36
80%		8.49
75%		9.71
70%		11.02
65%		12.46
60%		14.08
55%		15.90
50%		17.98
45%		20.40
40%		23.25
35%		26.70
30%		30.96
25%		36.43
20%		43.77
15%		54.38
10%		71.70
5%		108.44
0%		600.00

Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	15.00
Median	30.00
Maximum	45.00



Statistics:	Simulated values	Theoretical values
Trials	50,000	---
Mean		30.00
Median		30.00
Mode		30.00
Standard Deviation		6.12
Variance		37.50
Skewness		0.00
Kurtosis		5.40
Coefficient of Variability		0.2041
Minimum		15.00
Maximum		45.00
Range Width		30.00
Mean Standard Error		---

Assumption: LGR in Gas Fields (continued)

Percentiles:	Simulated values	Theoretical values
100%		15.00
95%		19.74
90%		21.71
85%		23.22
80%		24.49
75%		25.61
70%		26.62
65%		27.55
60%		28.42
55%		29.23
50%		30.00
45%		30.77
40%		31.58
35%		32.45
30%		33.38
25%		34.39
20%		35.51
15%		36.78
10%		38.29
5%		40.26
0%		45.00

End of Assumptions

Simulation started on 4/18/03 at 9:07:29
Simulation stopped on 4/18/03 at 10:06:37