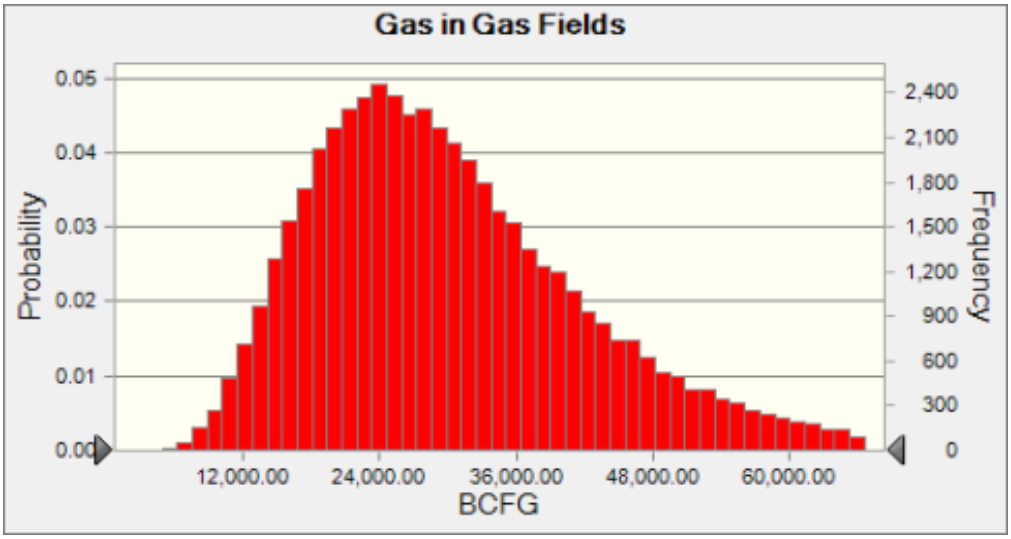
40170102
Norwegian Continental Margin Gas
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:
Entire range is from 2,327.91 to 104,877.39
Filter range is from 0.00 to Infinity
After 50,000 trials, the standard error of the mean is 57.49



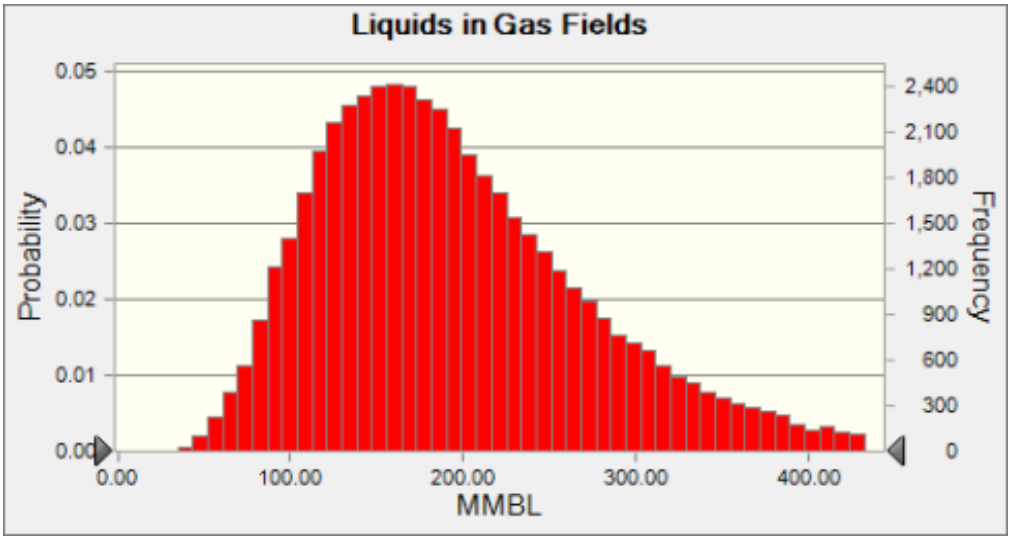
Statistics:	Forecast values
Trials	50,000
Mean	30,512.07
Median	28,269.77
Mode	---
Standard Deviation	12,855.05
Variance	165,252,212.50
Skewness	1.10
Kurtosis	4.80
Coefficient of Variability	0.4213
Minimum	2,327.91
Maximum	104,877.39
Range Width	102,549.48
Mean Standard Error	57.49

Forecast: Gas in Gas Fields (continued)

Percentiles:	BCFG
100%	2,327.91
95%	13,926.24
90%	16,326.34
85%	18,238.02
80%	19,807.55
75%	21,261.37
70%	22,700.74
65%	24,062.10
60%	25,393.90
55%	26,813.79
50%	28,269.75
45%	29,761.40
40%	31,362.74
35%	33,066.48
30%	35,055.60
25%	37,287.79
20%	39,944.04
15%	43,182.06
10%	47,557.08
5%	54,904.77
0%	104,877.39

Forecast: Liquids in Gas Fields

Summary:
Entire range is from 8.81 to 728.28
Filter range is from 0.00 to Infinity
After 50,000 trials, the standard error of the mean is 0.38



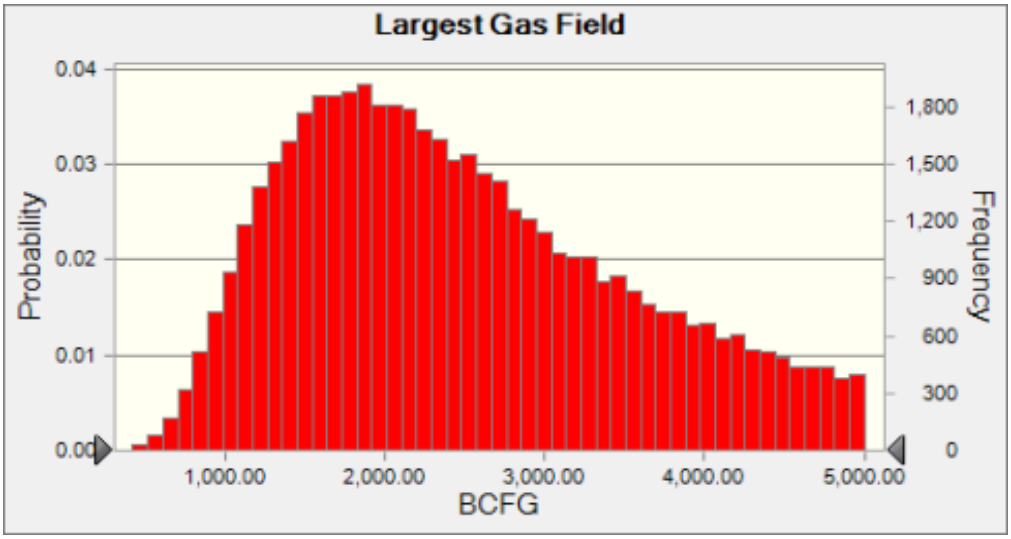
Statistics:	Forecast values
Trials	50,000
Mean	197.57
Median	182.79
Mode	---
Standard Deviation	83.98
Variance	7,053.37
Skewness	1.10
Kurtosis	4.81
Coefficient of Variability	0.4251
Minimum	8.81
Maximum	728.28
Range Width	719.47
Mean Standard Error	0.38

Forecast: Liquids in Gas Fields (continued)

Percentiles:	MMBL
100%	8.81
95%	89.17
90%	105.29
85%	117.29
80%	127.47
75%	137.17
70%	146.35
65%	155.47
60%	164.34
55%	173.37
50%	182.79
45%	192.44
40%	202.91
35%	214.59
30%	227.28
25%	241.92
20%	259.01
15%	280.11
10%	309.31
5%	357.43
0%	728.28

Forecast: Largest Gas Field

Summary:
Entire range is from 418.85 to 4,999.96
Filter range is from 0.00 to Infinity
After 50,000 trials, the standard error of the mean is 4.62



Statistics:	Forecast values
Trials	50,000
Mean	2,469.57
Median	2,298.14
Mode	---
Standard Deviation	1,033.57
Variance	1,068,269.23
Skewness	0.5120
Kurtosis	2.44
Coefficient of Variability	0.4185
Minimum	418.85
Maximum	4,999.96
Range Width	4,581.11
Mean Standard Error	4.62

Forecast: Largest Gas Field (continued)

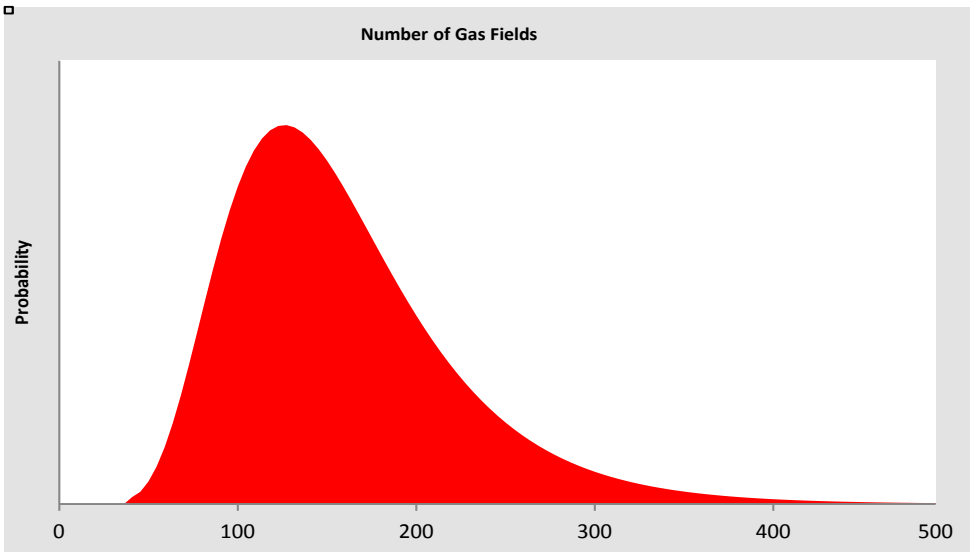
Percentiles:	BCFG
100%	418.85
95%	1,050.31
90%	1,240.12
85%	1,393.12
80%	1,529.57
75%	1,655.55
70%	1,779.23
65%	1,904.03
60%	2,031.98
55%	2,160.07
50%	2,298.12
45%	2,446.78
40%	2,599.86
35%	2,764.32
30%	2,954.02
25%	3,170.76
20%	3,416.91
15%	3,696.75
10%	4,031.61
5%	4,450.01
0%	4,999.96

End of Forecasts

Assumptions

Assumption: Number of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Location	0.00	1
Mean	160.85	161.85
Standard Deviation	65.40	65.4
Selected range is from -Infinity to 499.00		1.00 to 500.00



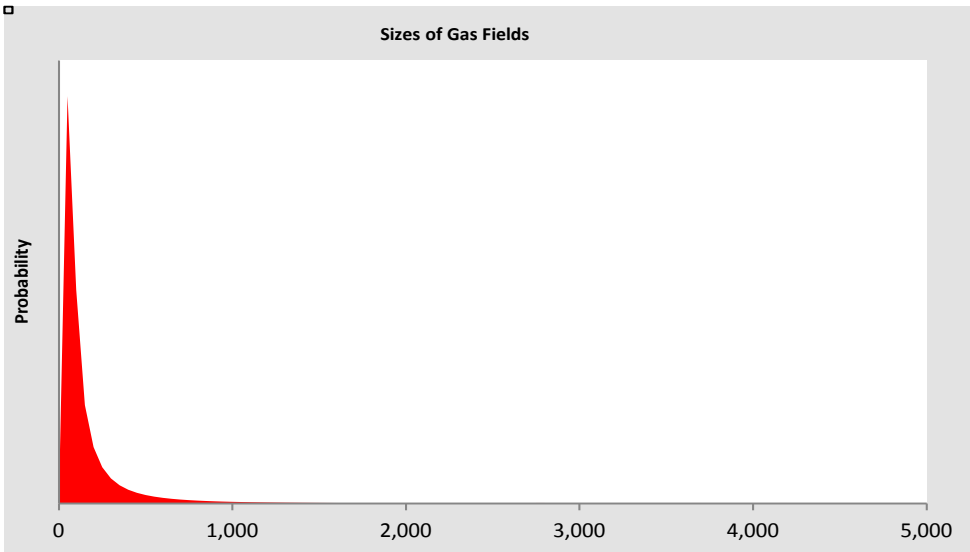
Statistics:	Simulated values	Theoretical values
Trials	50,000	---
Mean	161.79	161.45
Median	150.37	149.93
Mode	---	---
Standard Deviation	64.51	64.18
Variance	4,161.60	4,118.76
Skewness	1.11	1.12
Kurtosis	4.77	4.83
Coefficient of Variability	0.3987	0.3975
Minimum	26.43	1.00
Maximum	499.82	500.00
Range Width	473.39	499.00
Mean Standard Error	0.29	---

Assumption: Number of Gas Fields (continued)

Percentiles:	Simulated values	Theoretical values
100%	26.43	1.00
95%	79.09	79.29
90%	91.27	91.24
85%	100.35	100.31
80%	108.09	108.18
75%	115.30	115.41
70%	122.25	122.33
65%	129.27	129.11
60%	136.06	135.89
55%	142.89	142.79
50%	150.37	149.93
45%	157.78	157.42
40%	165.60	165.42
35%	174.51	174.12
30%	184.32	183.78
25%	195.33	194.80
20%	208.68	207.86
15%	225.21	224.17
10%	247.65	246.48
5%	285.07	283.52
0%	499.82	500.00

Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Location	0.00	30
Mean	166.66	196.66
Standard Deviation	431.86	431.86
Selected range is from -Infinity to 4,970.00		30.00 to 5,000.00



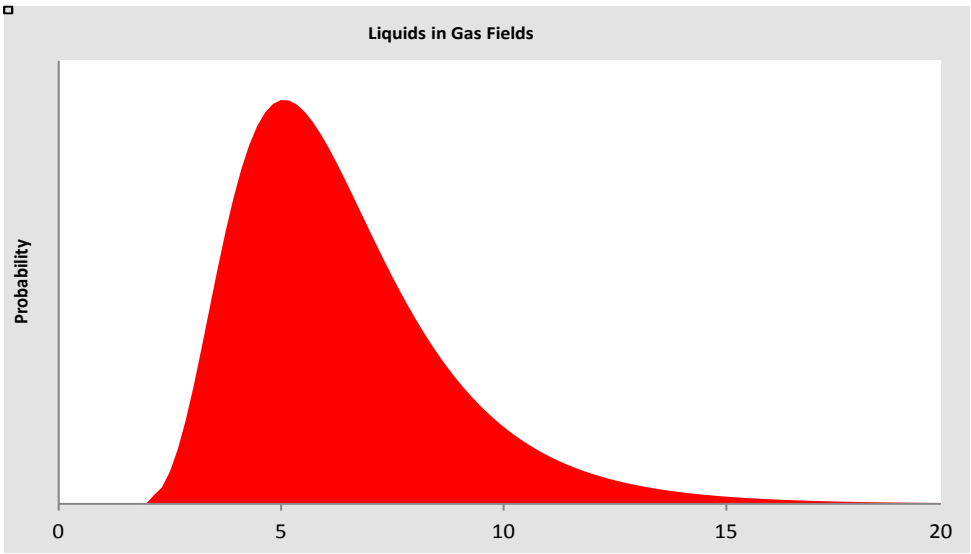
Statistics:	Simulated values	Theoretical values
Trials	50,000	---
Mean	191.16	188.88
Median	90.57	89.89
Mode	---	---
Standard Deviation	324.11	318.80
Variance	105,049.02	101,633.63
Skewness	5.85	5.96
Kurtosis	51.12	54.30
Coefficient of Variability	1.70	1.69
Minimum	30.23	30.00
Maximum	4,926.56	5,000.00
Range Width	4,896.33	4,970.00
Mean Standard Error	1.45	---

Assumption: Sizes of Gas Fields (continued)

Percentiles:	Simulated values	Theoretical values
100%	30.23	30.00
95%	35.75	35.71
90%	39.68	39.60
85%	43.71	43.63
80%	48.20	48.00
75%	53.34	52.85
70%	58.63	58.32
65%	65.11	64.54
60%	72.27	71.71
55%	80.75	80.05
50%	90.57	89.89
45%	102.31	101.66
40%	116.38	115.99
35%	134.46	133.81
30%	157.74	156.60
25%	188.47	186.82
20%	232.27	228.99
15%	298.51	292.59
10%	407.62	401.99
5%	662.30	651.67
0%	4,926.56	5,000.00

Assumption: Liquids in Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Location	0.00	1
Mean	5.49	6.49
Standard Deviation	2.49	2.49
Selected range is from -Infinity to 19.00		1.00 to 20.00



Statistics:	Simulated values	Theoretical values
Trials	50,000	---
Mean	6.48	6.47
Median	6.02	6.00
Mode	---	---
Standard Deviation	2.43	2.43
Variance	5.92	5.92
Skewness	1.24	1.25
Kurtosis	5.30	5.31
Coefficient of Variability	0.3753	0.3760
Minimum	1.66	1.00
Maximum	19.90	20.00
Range Width	18.24	19.00
Mean Standard Error	0.01	---

Assumption: Liquids in Gas Fields (continued)

Percentiles:	Simulated values	Theoretical values
100%	1.66	1.00
95%	3.44	3.46
90%	3.87	3.87
85%	4.19	4.19
80%	4.48	4.47
75%	4.75	4.73
70%	5.00	4.98
65%	5.25	5.23
60%	5.50	5.48
55%	5.76	5.73
50%	6.02	6.00
45%	6.30	6.28
40%	6.60	6.57
35%	6.92	6.90
30%	7.28	7.27
25%	7.69	7.68
20%	8.19	8.18
15%	8.81	8.81
10%	9.68	9.68
5%	11.16	11.14
0%	19.90	20.00

End of Assumptions

Simulation started on 1/30/2012 at 12:56 PM
Simulation stopped on 1/30/2012 at 1:06 PM