Go to Table of Contents

Go to index map

Danube Basin, Assessment Unit 40480301
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						43	132	299	146	1	3	6	3	19	48	140	59
Total		1.00	0	0	0	0	43	132	299	146	1	3	6	3				

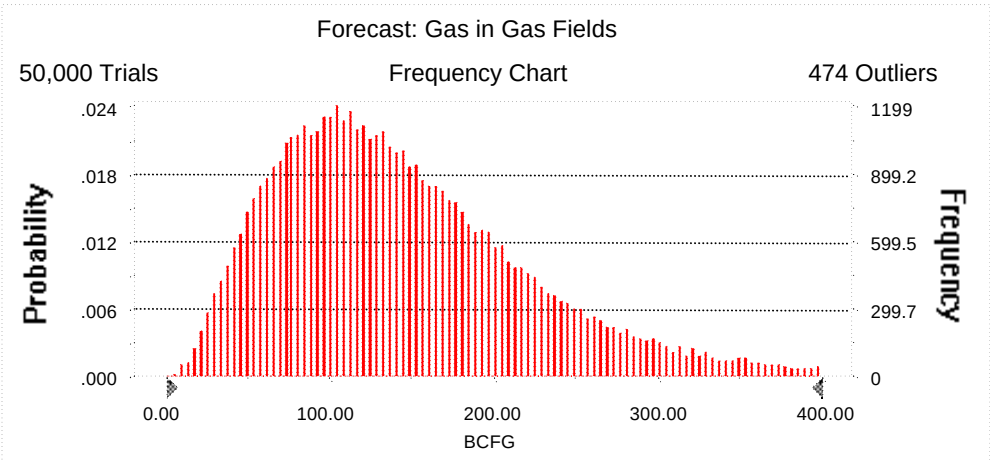
40480301
Danube Basin
Monte Carlo Results

Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 400.00 BCFG
Entire range is from 6.54 to 720.29 BCFG
After 50,000 trials, the standard error of the mean is 0.36

Statistics:	Value
Trials	50000
Mean	146.13
Median	131.96
Mode	---
Standard Deviation	80.46
Variance	6,473.77
Skewness	1.12
Kurtosis	4.87
Coefficient of Variability	0.55
Range Minimum	6.54
Range Maximum	720.29
Range Width	713.75
Mean Standard Error	0.36



40480301
Danube Basin
Monte Carlo Results

Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	6.54
95%	43.11
90%	57.02
85%	68.24
80%	78.06
75%	87.21
70%	96.46
65%	105.14
60%	113.61
55%	122.48
50%	131.96
45%	141.52
40%	151.76
35%	163.00
30%	175.19
25%	188.92
20%	204.95
15%	224.84
10%	252.87
5%	299.15
0%	720.29

End of Forecast

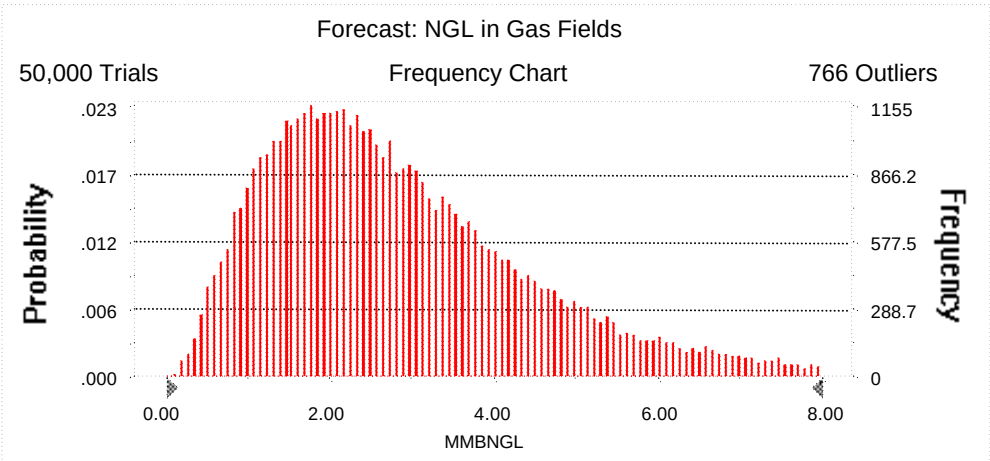
40480301
Danube Basin
Monte Carlo Results

Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 8.00 MMBNGL
Entire range is from 0.10 to 17.24 MMBNGL
After 50,000 trials, the standard error of the mean is 0.01

Statistics:	Value
Trials	50000
Mean	2.92
Median	2.56
Mode	---
Standard Deviation	1.75
Variance	3.07
Skewness	1.34
Kurtosis	5.78
Coefficient of Variability	0.60
Range Minimum	0.10
Range Maximum	17.24
Range Width	17.15
Mean Standard Error	0.01



40480301
Danube Basin
Monte Carlo Results

Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	0.10
95%	0.80
90%	1.07
85%	1.28
80%	1.48
75%	1.66
70%	1.84
65%	2.02
60%	2.19
55%	2.37
50%	2.56
45%	2.77
40%	2.99
35%	3.22
30%	3.49
25%	3.79
20%	4.15
15%	4.61
10%	5.22
5%	6.30
0%	17.24

End of Forecast

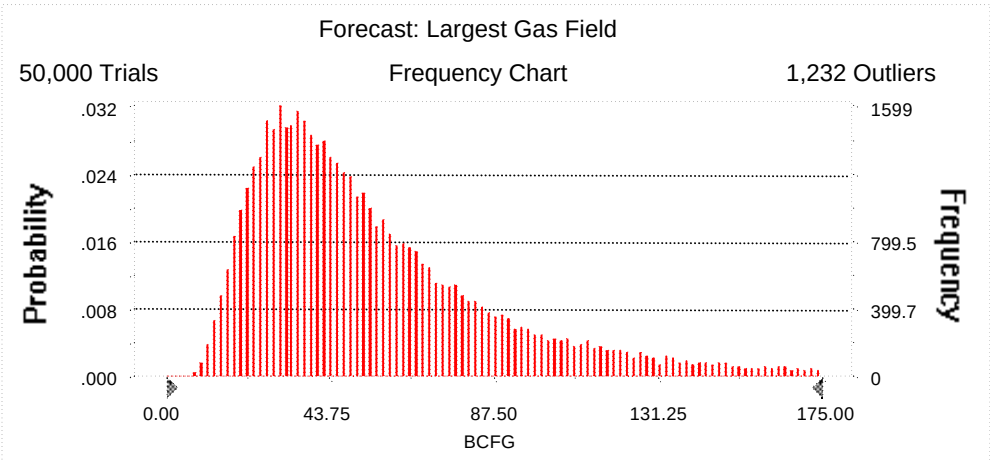
40480301
Danube Basin
Monte Carlo Results

Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 175.00 BCFG
Entire range is from 6.54 to 299.93 BCFG
After 50,000 trials, the standard error of the mean is 0.18

Statistics:	Value
Trials	50000
Mean	59.18
Median	47.78
Mode	---
Standard Deviation	40.49
Variance	1,639.34
Skewness	2.06
Kurtosis	8.68
Coefficient of Variability	0.68
Range Minimum	6.54
Range Maximum	299.93
Range Width	293.39
Mean Standard Error	0.18



40480301
Danube Basin
Monte Carlo Results

Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	6.54
95%	19.08
90%	23.19
85%	26.55
80%	29.46
75%	32.28
70%	35.26
65%	38.06
60%	41.20
55%	44.35
50%	47.78
45%	51.57
40%	55.69
35%	60.55
30%	66.02
25%	72.44
20%	80.85
15%	91.79
10%	109.00
5%	140.44
0%	299.93

End of Forecast

40480301
Danube Basin
Monte Carlo Results

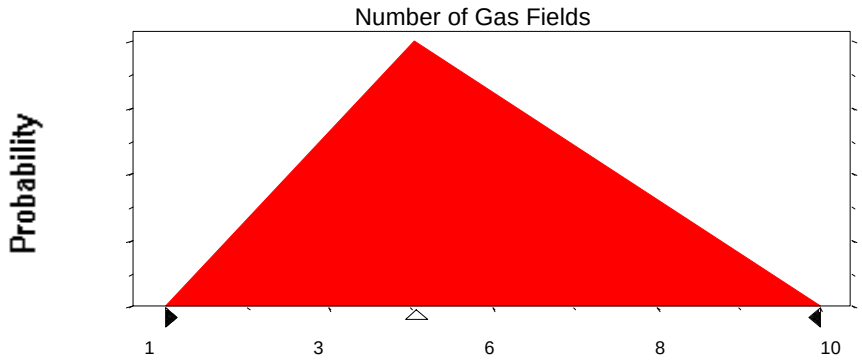
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	1
Likeliest	4
Maximum	10

Selected range is from 1 to 10
Mean value in simulation was 5



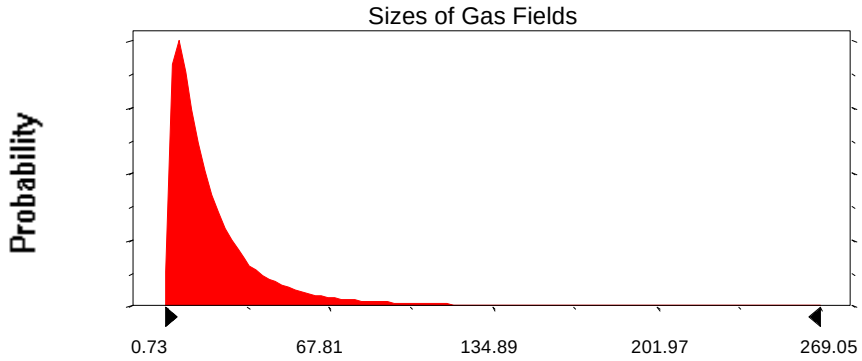
Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	22.75	28.75
Standard Deviation	29.13	29.13

Selected range is from 0.00 to 294.00	6.00 to 300.00
Mean value in simulation was 22.31	28.31

40480301
Danube Basin
Monte Carlo Results

Assumption: Sizes of Gas Fields (cont'd)

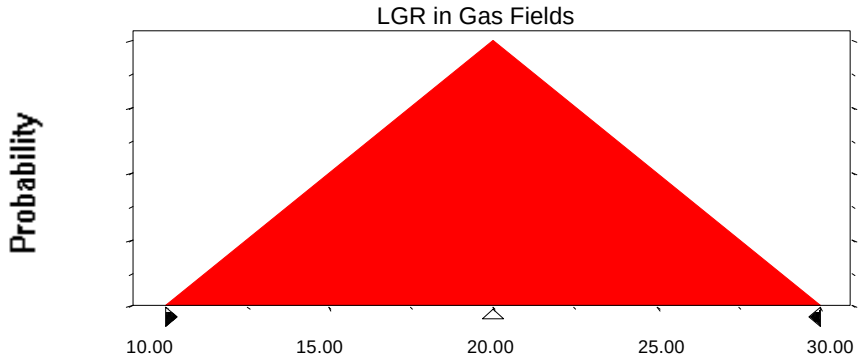


Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	10.00
Likeliest	20.00
Maximum	30.00

Selected range is from 10.00 to 30.00
Mean value in simulation was 20.01



End of Assumptions

Simulation started on 6/1/99 at 17:31:49
Simulation stopped on 6/1/99 at 17:43:07