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Carupano Basin Gas, Assessment Unit 61030101
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	5	1.00	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA
Gas Fields	30						4,249	17,908	43,111	20,103	40	173	456	201	786	2,745	7,798	3,292
Total		1.00	0	0	0	0	4,249	17,908	43,111	20,103	40	173	456	201				

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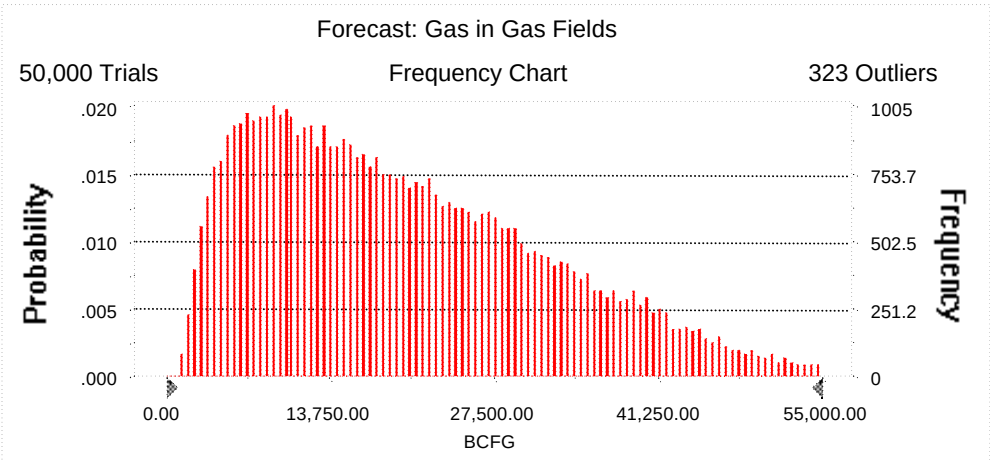
Forecast: Gas in Gas Fields

Summary:

Display range is from 0.00 to 55,000.00 BCFG
Entire range is from 825.46 to 78,904.88 BCFG
After 50,000 trials, the standard error of the mean is 54.90

Statistics:	Value
Trials	50000
Mean	20,103.20
Median	17,907.61
Mode	---
Standard Deviation	12,275.38
Variance	150,684,896.24
Skewness	0.72
Kurtosis	2.96
Coefficient of Variability	0.61
Range Minimum	825.46
Range Maximum	78,904.88
Range Width	78,079.42
Mean Standard Error	54.90



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Forecast: Gas in Gas Fields (cont'd)

Percentiles:

Percentile	BCFG
100%	825.46
95%	4,248.66
90%	5,843.66
85%	7,261.92
80%	8,702.46
75%	10,101.00
70%	11,544.08
65%	13,065.72
60%	14,603.92
55%	16,217.73
50%	17,907.61
45%	19,732.95
40%	21,629.26
35%	23,620.95
30%	25,816.99
25%	28,138.71
20%	30,751.42
15%	33,850.70
10%	37,854.93
5%	43,110.84
0%	78,904.88

End of Forecast

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Carupano Basin Gas
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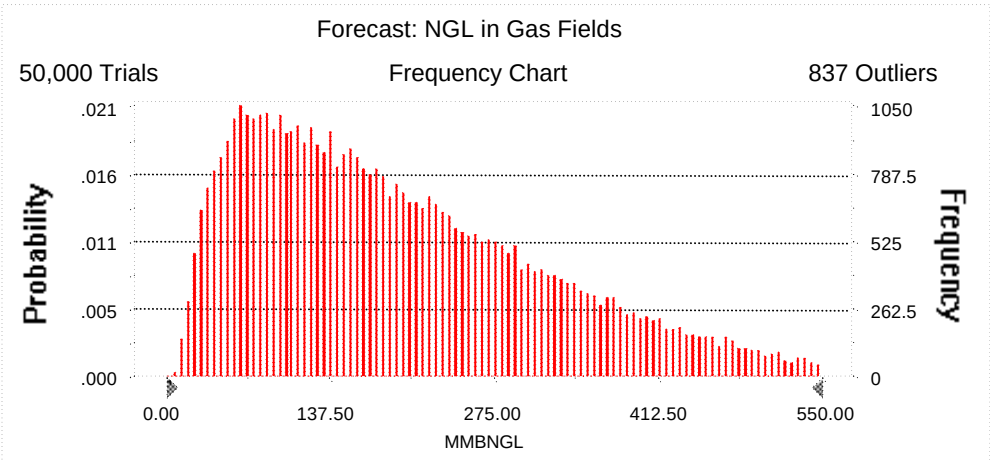
Forecast: NGL in Gas Fields

Summary:

Display range is from 0.00 to 550.00 MMBNGL
Entire range is from 7.00 to 1,053.21 MMBNGL
After 50,000 trials, the standard error of the mean is 0.59

Statistics:	Value
Trials	50000
Mean	200.81
Median	172.79
Mode	---
Standard Deviation	132.07
Variance	17,442.38
Skewness	0.99
Kurtosis	3.85
Coefficient of Variability	0.66
Range Minimum	7.00
Range Maximum	1,053.21
Range Width	1,046.21
Mean Standard Error	0.59



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Carupano Basin Gas
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Forecast: NGL in Gas Fields (cont'd)

Percentiles:

Percentile	MMBNGL
100%	7.00
95%	39.78
90%	55.60
85%	69.08
80%	82.70
75%	96.49
70%	110.66
65%	125.16
60%	140.21
55%	156.33
50%	172.79
45%	190.51
40%	209.91
35%	230.21
30%	253.04
25%	278.49
20%	307.50
15%	342.54
10%	386.97
5%	455.97
0%	1,053.21

End of Forecast

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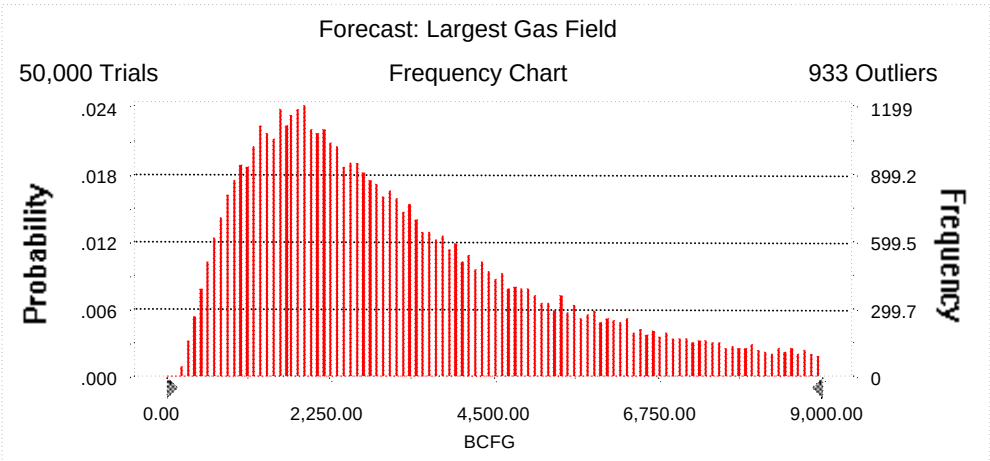
Forecast: Largest Gas Field

Summary:

Display range is from 0.00 to 9,000.00 BCFG
Entire range is from 132.31 to 9,998.68 BCFG
After 50,000 trials, the standard error of the mean is 9.50

Statistics:	Value
Trials	50000
Mean	3,291.98
Median	2,744.63
Mode	---
Standard Deviation	2,124.81
Variance	4,514,828.19
Skewness	1.03
Kurtosis	3.48
Coefficient of Variability	0.65
Range Minimum	132.31
Range Maximum	9,998.68
Range Width	9,866.37
Mean Standard Error	9.50



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Forecast: Largest Gas Field (cont'd)

Percentiles:

Percentile	BCFG
100%	132.31
95%	786.32
90%	1,049.35
85%	1,280.03
80%	1,486.33
75%	1,683.90
70%	1,877.58
65%	2,072.61
60%	2,280.96
55%	2,506.33
50%	2,744.63
45%	3,007.17
40%	3,290.89
35%	3,610.24
30%	3,977.09
25%	4,406.16
20%	4,939.16
15%	5,607.00
10%	6,479.68
5%	7,798.28
0%	9,998.68

End of Forecast

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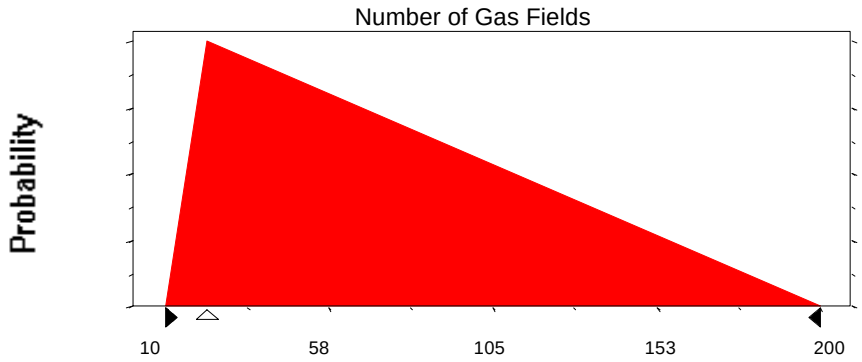
Assumptions

Assumption: Number of Gas Fields

Triangular distribution with parameters:

Minimum	10
Likeliest	22
Maximum	200

Selected range is from 10 to 200
Mean value in simulation was 78



Assumption: Sizes of Gas Fields

Lognormal distribution with parameters:		Shifted parameters
Mean	246.68	276.68
Standard Deviation	888.37	888.37

Selected range is from	0.00 to 9,970.00	30.00 to 10,000.00
Mean value in simulation was	233.87	263.87

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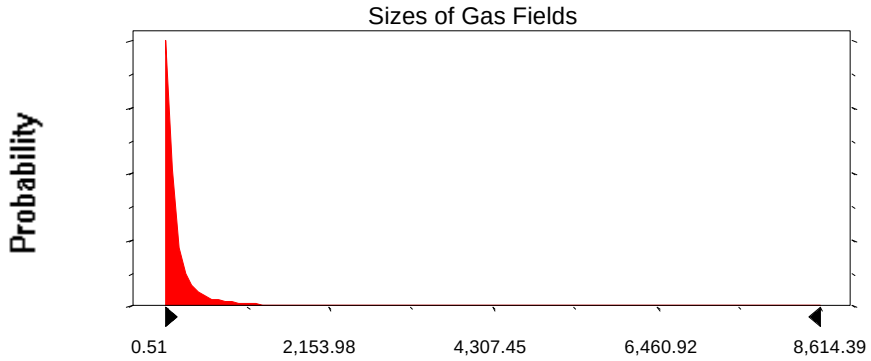
Assumption: Sizes of Gas Fields (cont'd)

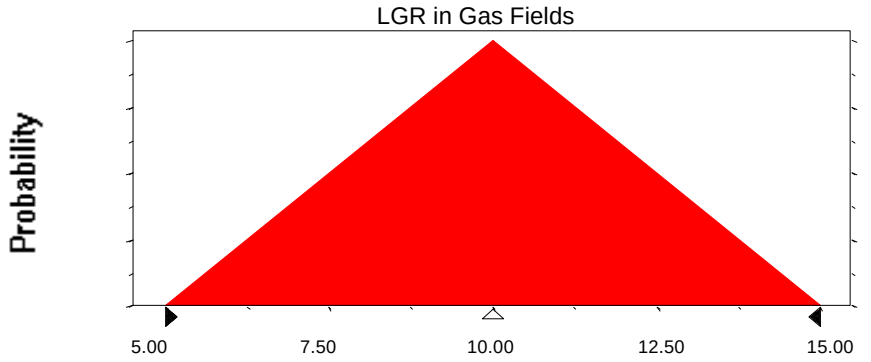


Assumption: LGR in Gas Fields

Triangular distribution with parameters:

Minimum	5.00
Likeliest	10.00
Maximum	15.00

Selected range is from 5.00 to 15.00
Mean value in simulation was 9.98



End of Assumptions

Simulation started on 5/24/99 at 12:42:26
Simulation stopped on 5/24/99 at 13:33:33