

**Lance-Fort Union Continuous Gas  
50370861**

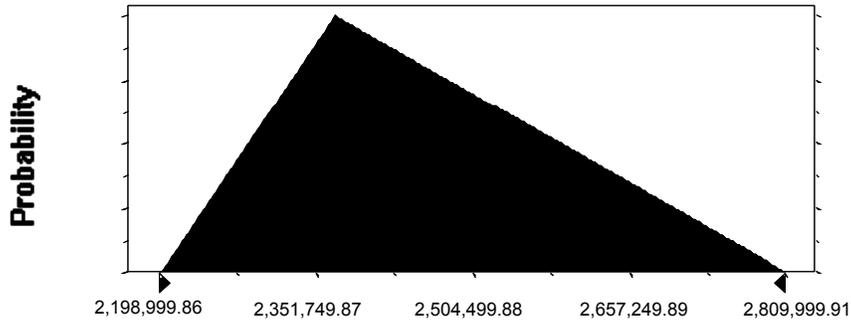
**Geologic Probability = 1.0**

**Total Assessment-Unit Area (acres)**

Triangular distribution with parameters:

|         |              |
|---------|--------------|
| Minimum | 2,199,000.00 |
| Median  | 2,444,000.00 |
| Maximum | 2,810,000.00 |

Selected range is from 2,198,999.86 to 2,809,999.91

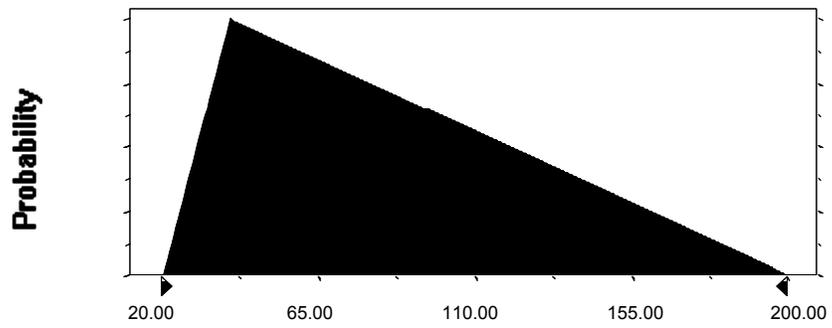


**Area per Cell of Untested Cells (acres)**

Triangular distribution with parameters:

|         |        |
|---------|--------|
| Minimum | 20.00  |
| Median  | 80.00  |
| Maximum | 200.00 |

Selected range is from 20.00 to 200.00

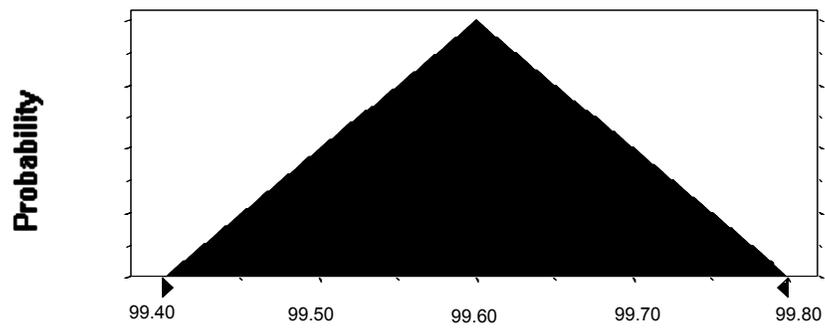


### Percentage of Total Assessment-Unit Area That Is Untested

Triangular distribution with parameters:

|         |       |
|---------|-------|
| Minimum | 99.40 |
| Median  | 99.60 |
| Maximum | 99.80 |

Selected range is from 99.40 to 99.80

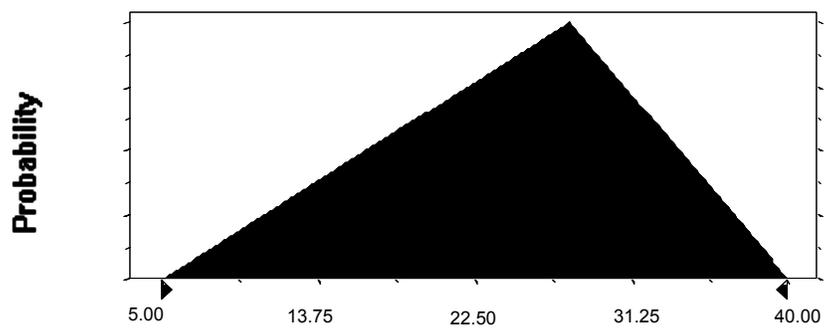


### Percentage of Untested Assessment-Unit Area Having Potential

Triangular distribution with parameters:

|         |       |
|---------|-------|
| Minimum | 5.00  |
| Median  | 25.00 |
| Maximum | 40.00 |

Selected range is from 5.00 to 40.00

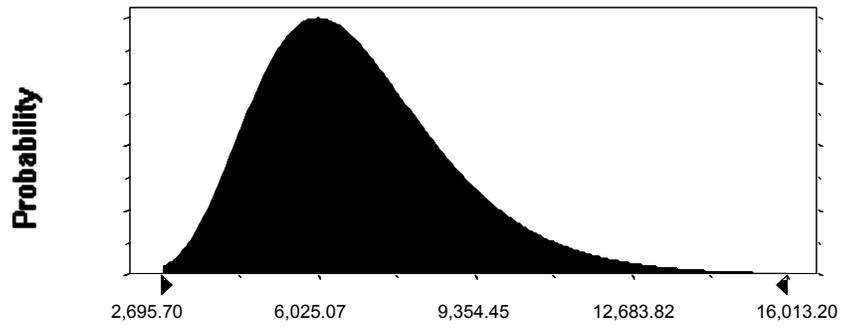


### Number of Potential Untested Cells

Lognormal distribution with parameters:

|               |          |
|---------------|----------|
| Mean          | 6,866.32 |
| Standard Dev. | 2,084.81 |

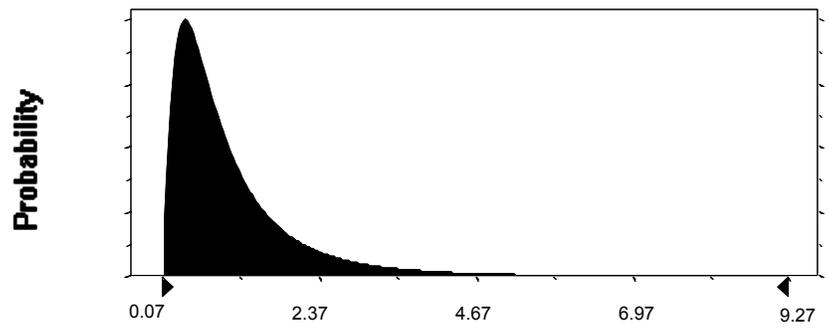
Selected range is from 0.00 to +Infinity



### Total Recovery per Cell (BCFG)

Lognormal distribution with parameters:

|               |       |
|---------------|-------|
| Log Mean      | -0.25 |
| Log Std. Dev. | 0.82  |
| Minimum       | 0.02  |
| Median        | 0.80  |
| Maximum       | 10.00 |

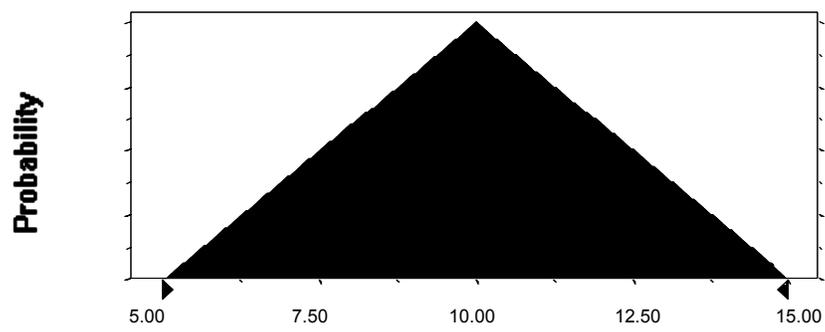


### Liquids/Gas Ratio (BL/MMCFG)

Triangular distribution with parameters:

|         |       |
|---------|-------|
| Minimum | 5.00  |
| Median  | 10.00 |
| Maximum | 15.00 |

Selected range is from 5.00 to 15.00

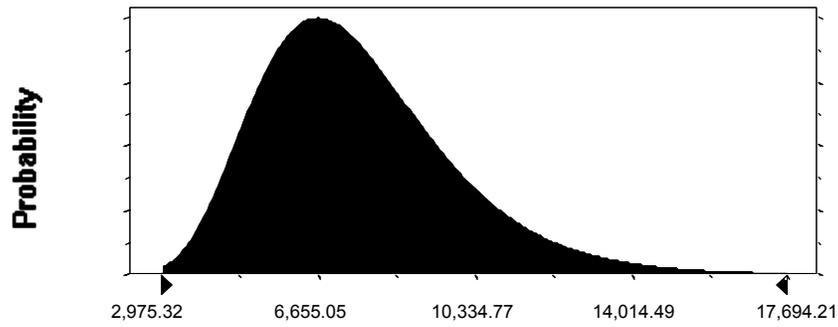


### Gas in Gas Accumulations (BCFG)

Lognormal distribution with parameters:

|               |          |
|---------------|----------|
| Mean          | 7,583.26 |
| Standard Dev. | 2,304.01 |

Selected range is from 0.00 to +Infinity

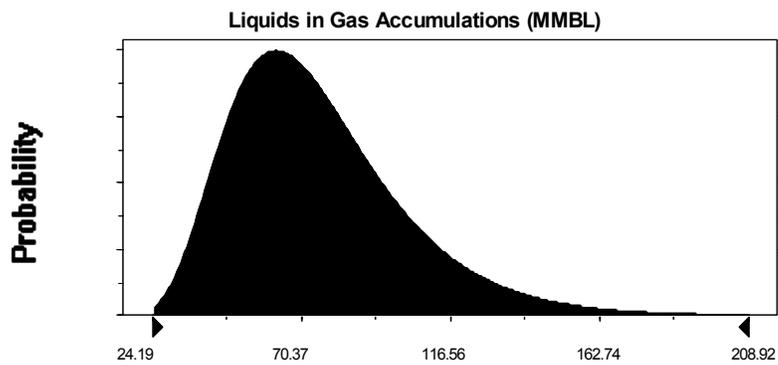


## Liquids in Gas Accumulations (MMBL)

Lognormal distribution with parameters:

|               |       |
|---------------|-------|
| Mean          | 75.83 |
| Standard Dev. | 28.15 |

Selected range is from 0.00 to +Infinity



End of Assumptions



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**Chapter 28**