

**Play:** 3701 Rock Springs Uplift  
**Province:** 37 Southwestern Wyoming  
**Geologist:** Law, B. E. **Status:** confirmed

| <b>Play Attributes:</b> | <u>Probability of Occurrence</u> |
|-------------------------|----------------------------------|
| Charge                  | 1.00                             |
| Reservoir rock          | 1.00                             |
| Traps                   | 1.00                             |
| <b>Play Probability</b> | <b>1.00</b>                      |

**Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

|                           | <u>Oil Accumulations</u> |      | <u>Gas Accumulations</u> |      |
|---------------------------|--------------------------|------|--------------------------|------|
| Median                    | 10                       | MMBO | 13                       | BCFG |
| F5 of Largest Accumulatio | 58                       | MMBO | 147                      | BCFG |
| TSP Shape Factor          | 4                        |      | 6                        |      |
| Mean (calculated)         | 16.9                     | MMBO | 25.5                     | BCFG |

**Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

|                   | <u>Oil Accumulations</u> |  | <u>Gas Accumulations</u> |  |
|-------------------|--------------------------|--|--------------------------|--|
| Minimum           | 1                        |  | 3                        |  |
| Median            | 2                        |  | 5                        |  |
| Maximum           | 5                        |  | 9                        |  |
| Mean (calculated) | 2.4                      |  | 5.4                      |  |

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**Ratio of Associated-Dissolved Gas to Oil:** 5,150 CFG/bbl

**Ratio of NGL to Non-Associated Gas:** 40 bbl/MMCF

**Ratio of NGL to Associated-Dissolved Gas:** 12 bbl/MMCF

**API Gravity (degrees):**

| <u>minimum</u> | <u>mean</u> | <u>maximum</u> |
|----------------|-------------|----------------|
| 42.0           | 45.0        | 54.0           |

**Depth of Oil Accumulations (ft):**

| <u>minimum</u> | <u>median</u> | <u>maximum</u> |
|----------------|---------------|----------------|
| 1,500          | 6,000         | 18,000         |

**Depth of N-A Gas Accumulations (ft):**

| <u>minimum</u> | <u>median</u> | <u>maximum</u> |
|----------------|---------------|----------------|
| 1,500          | 7,000         | 20,000         |

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**Estimated Resources:**

**Oil (MMBO)**

| <u>F99</u> | <u>F95</u> | <u>F75</u> | <u>F50</u> | <u>F25</u> | <u>F5</u> | <u>F1</u> | <u>mean</u> | <u>s.d.</u> |
|------------|------------|------------|------------|------------|-----------|-----------|-------------|-------------|
| 1.40       | 3.30       | 13.20      | 29.70      | 58.10      | 117.40    | 167.50    | 41.30       | 37.70       |

**NGL (MMBNGL)**

| <u>F99</u> | <u>F95</u> | <u>F75</u> | <u>F50</u> | <u>F25</u> | <u>F5</u> | <u>F1</u> | <u>mean</u> | <u>s.d.</u> |
|------------|------------|------------|------------|------------|-----------|-----------|-------------|-------------|
| 0.35       | 0.58       | 1.98       | 4.26       | 8.11       | 18.14     | 27.43     | 8.10        | 6.50        |

**Associated-Dissolved Gas (BCFG)**

| <u>F99</u> | <u>F95</u> | <u>F75</u> | <u>F50</u> | <u>F25</u> | <u>F5</u> | <u>F1</u> | <u>mean</u> | <u>s.d.</u> |
|------------|------------|------------|------------|------------|-----------|-----------|-------------|-------------|
| 7.21       | 17.00      | 67.98      | 152.96     | 299.22     | 604.61    | 862.63    | 212.70      | 194.16      |

**Non-Associated Gas (BCFG)**

| <u>F99</u> | <u>F95</u> | <u>F75</u> | <u>F50</u> | <u>F25</u> | <u>F5</u> | <u>F1</u> | <u>mean</u> | <u>s.d.</u> |
|------------|------------|------------|------------|------------|-----------|-----------|-------------|-------------|
| 6.60       | 9.50       | 29.10      | 60.70      | 112.90     | 272.20    | 426.90    | 138.40      | 104.20      |