**Play:** 3406 Phosphoria Stratigraphic  
**Province:** 34 Big Horn Basin  
**Geologist:** Fox, J.E., and Dolton, G.L.  
**Status:** confirmed

**Play Attributes:**

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Probability of Occurrence</th>
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</thead>
<tbody>
<tr>
<td>Charge</td>
<td>1.00</td>
</tr>
<tr>
<td>Reservoir rock</td>
<td>1.00</td>
</tr>
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<td>Traps</td>
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<tr>
<td><strong>Play Probability</strong></td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Oil Accumulations</th>
<th>Gas Accumulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median</td>
<td>3 MMBO</td>
<td>BCFG</td>
</tr>
<tr>
<td>F5 of Largest Accumulation</td>
<td>25 MMBO</td>
<td>BCFG</td>
</tr>
<tr>
<td>TSP Shape Factor</td>
<td>4</td>
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<tr>
<td>Mean (calculated)</td>
<td>4.5 MMBO</td>
<td>BCFG</td>
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**Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

<table>
<thead>
<tr>
<th></th>
<th>Oil Accumulations</th>
<th>Gas Accumulations</th>
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<tbody>
<tr>
<td>Minimum</td>
<td>2</td>
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<tr>
<td>Median</td>
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<tr>
<td>Maximum</td>
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<tr>
<td>Mean (calculated)</td>
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<tr>
<td>Play:</td>
<td>3406 Phosphoria Stratigraphic</td>
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<tr>
<td>------</td>
<td>-----------------------------</td>
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<tr>
<td>Province:</td>
<td>34 Big Horn Basin</td>
<td></td>
</tr>
<tr>
<td>Geologist:</td>
<td>Fox, J.E., and Dolton, G.L.</td>
<td></td>
</tr>
<tr>
<td>Status:</td>
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</table>

| Ratio of Associated-Dissolved Gas to Oil: | 731 CFG/bbl |
| Ratio of NGL to Non-Associated Gas: | bbl/MMCF |
| Ratio of NGL to Associated-Dissolved Gas: | 34 bbl/MMCF |

<table>
<thead>
<tr>
<th>API Gravity (degrees):</th>
<th>minimum</th>
<th>mean</th>
<th>maximum</th>
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</thead>
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<tr>
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<td>28.0</td>
<td>30.0</td>
<td>33.0</td>
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</table>

<table>
<thead>
<tr>
<th>Depth of Oil Accumulations (ft):</th>
<th>minimum</th>
<th>median</th>
<th>maximum</th>
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</thead>
<tbody>
<tr>
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<td>9,000</td>
<td>12,000</td>
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<table>
<thead>
<tr>
<th>Depth of N-A Gas Accumulations (ft):</th>
<th>minimum</th>
<th>median</th>
<th>maximum</th>
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</thead>
<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>Play</td>
<td>3406 Phosphoria Stratigraphic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------</td>
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<tr>
<td>Province</td>
<td>34 Big Horn Basin</td>
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<tr>
<td>Geologist</td>
<td>Fox, J.E., and Dolton, G.L.</td>
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### Estimated Resources:

#### Oil (MMBO)

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<tr>
<th></th>
<th>F99</th>
<th>F95</th>
<th>F75</th>
<th>F50</th>
<th>F25</th>
<th>F5</th>
<th>F1</th>
<th>mean</th>
<th>s.d.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.20</td>
<td>2.00</td>
<td>6.50</td>
<td>11.70</td>
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#### NGL (MMBNGL)

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<th>F75</th>
<th>F50</th>
<th>F25</th>
<th>F5</th>
<th>F1</th>
<th>mean</th>
<th>s.d.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>0.05</td>
<td>0.16</td>
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#### Associated-Dissolved Gas (BCFG)

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<th>F95</th>
<th>F75</th>
<th>F50</th>
<th>F25</th>
<th>F5</th>
<th>F1</th>
<th>mean</th>
<th>s.d.</th>
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</thead>
<tbody>
<tr>
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<td>0.88</td>
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<td>23.61</td>
<td>31.65</td>
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<td>7.60</td>
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#### Non-Associated Gas (BCFG)

<table>
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<tr>
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<th>F99</th>
<th>F95</th>
<th>F75</th>
<th>F50</th>
<th>F25</th>
<th>F5</th>
<th>F1</th>
<th>mean</th>
<th>s.d.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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