

**Play:** 3107 Pre-Red River Gas  
**Province:** 31 Williston Basin  
**Geologist:** Peterson, J.A. **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	MMBO	10	BCFG
F5 of Largest Accumulation	MMBO	25	BCFG
TSP Shape Factor		4	
Mean (calculated)	MMBO	13.1	BCFG

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	0	1
Median	0	5
Maximum	0	20
Mean (calculated)	0.0	7.3

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

**Ratio of NGL to Non-Associated Gas:** 25 bbl/MMCF

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

**API Gravity (degrees):** minimum mean maximum

**Depth of Oil Accumulations (ft):** minimum median maximum

**Depth of N-A Gas Accumulations (ft):** minimum median maximum  
10,000 13,500 16,000

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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>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**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>
0.17	0.31	0.93	1.78	3.60	6.05	7.30	2.40	1.82

**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>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**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>
6.80	12.40	37.30	71.30	143.90	242.10	292.10	95.40	72.90