

Play: 2904 Beartooth Frontal Oil and Gas
Province: 29 Southwest Montana
Geologist: Perry, W.J., Jr. **Status:** hypothetical

Play Attributes:	<u>Probability of Occurrence</u>
Charge	0.80
Reservoir rock	1.00
Traps	0.50
Play Probability	0.40

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

	<u>Oil Accumulations</u>		<u>Gas Accumulations</u>	
Median	2	MMBO	8	BCFG
F5 of Largest Accumulatio	20	MMBO	50	BCFG
TSP Shape Factor	6		6	
Mean (calculated)	4.0	MMBO	12.0	BCFG

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	1	1
Median	3	2
Maximum	6	4
Mean (calculated)	1.3	0.9

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Ratio of Associated-Dissolved Gas to Oil: 800 CFG/bbl

Ratio of NGL to Non-Associated Gas: 30 bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: 30 bbl/MMCF

API Gravity (degrees): minimum mean maximum

Depth of Oil Accumulations (ft): minimum median maximum
2,000 8,000 12,000

Depth of N-A Gas Accumulations (ft): minimum median maximum
4,000 12,000 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>
0.00	0.00	0.00	0.00	6.50	24.50	50.70	5.10	10.20

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>
0.00	0.00	0.00	0.00	0.65	1.96	3.90	0.40	0.82

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	5.20	19.60	40.56	4.10	8.16

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>
0.00	0.00	0.00	0.00	16.50	45.70	89.50	10.70	19.20