

**Play:** 2403 Late Proterozoic (Chuar-Sourced) and Lower Paleozoic  
**Province:** 24 Northern Arizona  
**Geologist:** Butler, W.C. **Status:** hypothetical

<b>Play Attributes:</b>	<u>Probability of Occurrence</u>
Charge	0.50
Reservoir rock	1.00
Traps	0.60
<b>Play Probability</b>	<b>0.30</b>

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

	<u>Oil Accumulations</u>		<u>Gas Accumulations</u>	
Median	5	MMBO	30	BCFG
F5 of Largest Accumulatio	500	MMBO	400	BCFG
TSP Shape Factor	7		5	
Mean (calculated)	18.2	MMBO	56.6	BCFG

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	1	1
Median	3	3
Maximum	20	20
Mean (calculated)	1.8	1.8

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**Ratio of Associated-Dissolved Gas to Oil:** 250 CFG/bbl

**Ratio of NGL to Non-Associated Gas:** 100 bbl/MMCF

**Ratio of NGL to Associated-Dissolved Gas:** 150 bbl/MMCF

**API Gravity (degrees):**

<u>minimum</u>	<u>mean</u>	<u>maximum</u>
35.0	40.0	50.0

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

<u>minimum</u>	<u>median</u>	<u>maximum</u>
2,000	6,500	13,000

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

<u>minimum</u>	<u>median</u>	<u>maximum</u>
6,000	9,000	20,000

<b>Play:</b>	2403	Late Proterozoic (Chuar-Sourced) and Lower Paleozoic	
<b>Province:</b>	24	Northern Arizona	
<b>Geologist:</b>	Butler, W.C.		<b>Status:</b> hypothetical

**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	7.70	207.40	531.90	33.50	102.10

**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	5.49	79.28	143.43	11.80	29.28

**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	1.93	51.85	132.98	8.40	25.53

**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	52.00	715.00	1,234.80	104.60	254.50