

Play: 6104 Viola Oil and Gas
Province: 61 Southern Oklahoma
Geologist: Henry, M.E., and Hester, T.C. **Status:** confirmed

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

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Median	2 MMBO	12 BCFG
F5 of Largest Accumulat	12 MMBO	50 BCFG
TSP Shape Factor	4	3
Mean (calculated)	2.8 MMBO	15.2 BCFG

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	2	1
Median	5	2
Maximum	13	4
Mean (calculated)	6.1	2.2

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Ratio of Associated-Dissolved Gas to Oil: 4,000 CFG/bbl

Ratio of NGL to Non-Associated Gas: 3 bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: 50 bbl/MMCF

API Gravity (degrees):	<u>minimum</u>	<u>mean</u>	<u>maximum</u>
	26.0	36.0	42.0

Depth of Oil Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	1,400	8,000	1,300

Depth of N-A Gas Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	2,500	6,400	13,000

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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>
1.10	2.00	6.10	11.60	20.30	33.00	41.90	16.70	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>
0.24	0.42	1.27	2.41	4.20	6.82	8.67	3.40	2.10

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>
4.40	8.00	24.40	46.40	81.20	132.00	167.60	66.90	40.80

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>
6.30	7.60	17.50	29.80	46.00	74.10	96.80	33.80	21.10