

Play: 4411 San Andres-Clearfork, Northwestern and Eastern Shelves
Province: 44 Permian Basin
Geologist: Ball, M.M. **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	4 MMBO	40 BCFG
F5 of Largest Accumulat	60 MMBO	200 BCFG
TSP Shape Factor	5	2
Mean (calculated)	7.3 MMBO	54.8 BCFG

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	50	3
Median	100	6
Maximum	200	15
Mean (calculated)	110.4	7.3

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Ratio of Associated-Dissolved Gas to Oil: 750 CFG/bbl

Ratio of NGL to Non-Associated Gas: 22 bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: 120 bbl/MMCF

API Gravity (degrees):	<u>minimum</u>	<u>mean</u>	<u>maximum</u>
	20.0	39.0	50.0

Depth of Oil Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	300	5,500	10,000

Depth of N-A Gas Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	5,000	8,000	11,000

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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>
10.40	60.20	223.20	382.20	650.40	989.40	1,159.00	809.20	298.80

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>
1.18	6.10	22.66	39.51	67.65	104.43	123.98	81.60	31.86

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>
7.80	45.15	167.40	286.65	487.80	742.05	869.25	606.90	224.10

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>
11.00	31.10	117.10	232.40	414.10	699.40	894.00	398.30	225.80