

Play: 4101 Upper Cretaceous - Lower Tertiary
Province: 41 Raton Basin - Sierra Grande Uplift
Geologist: Keighin, C.W. **Status:** hypothetical

Play Attributes:	<u>Probability of Occurrence</u>
Charge	1.00
Reservoir rock	0.80
Traps	0.80
Play Probability	0.64

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Median	MMBO	8 BCFG
F5 of Largest Accumulation	MMBO	60 BCFG
TSP Shape Factor		6
Mean (calculated)	MMBO	12.0 BCFG

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

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	0	2
Median	0	4
Maximum	0	8
Mean (calculated)	0.0	2.8

Play: 4101 Upper Cretaceous - Lower Tertiary

Province: 41 Raton Basin - Sierra Grande Uplift

Geologist: Keighin, C.W.

Status: hypothetical

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

Ratio of NGL to Non-Associated Gas: 26 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
4,000 5,000 6,000

Play:	4101	Upper Cretaceous - Lower Tertiary	
Province:	41	Raton Basin - Sierra Grande Uplift	
Geologist:	Keighin, C.W.		Status: 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	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>
0.00	0.00	0.00	0.43	1.09	2.33	3.64	0.90	0.97

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>
0.00	0.00	0.00	16.70	42.00	89.80	140.00	34.00	37.20