

Play: 3904 *Greater Wattenberg Codell/Niobrara Oil and Gas*
Province: 39 Denver Basin **Play Type** continuous-type oil
Geologist: Higley, D.K. **Status:** confirmed

Play Probability: 1.00

Cells: **Cell Size:** 40 acres 0.063 sq mi
Area of Play: 1,500 sq mi 24,000 cells

Productive Cells: 3,300 **Tested Nonproductive Cells:** 80

Untested Cells: minimum median maximum mean distribution
 4,400 20,620 56,620 23,571 bell-shaped

Success Ratio for Untested Cell 0.50

EUR Distribution for Untested Cells (BO):

<u>F100</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F0</u>	<u>mean</u>
>0	1,000	5,000	15,000	27,000	45,000	100,000	19,200

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Gas-Oil Ratio: 9,900 CFG/bbl **API Gravity:** 45

Depth (ft):

<u>minimum</u>	<u>median</u>	<u>maximum</u>	<u>mean</u>
3,000	6,800	8,000	6,400

Fraction of Untested Cells to Be Tested by Wells Primarily Targeted for:

<u>the play itself</u>	<u>a deeper horizon</u>	<u>a shallower horizon</u>
0.85	0.15	0.00

Fraction of Play with "Tight" FERC Designation: 0.04

Fraction of Wells Likely to Be Stimulated: 0.95

Potential Reserve Additions:

Oil (MMBO)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
96.70	150.26	204.11	277.26	430.81	226.28	108.29

Gas (BCFG)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
957.37	1,487.58	2,020.70	2,744.89	4,265.05	2,240.17	1,072.05