

Play: 4747 *Austin Chalk-Pearsall*

Province: 47 Western Gulf

Play Type: continuous-type oil

Geologist: Schenk, C.J.

Status: confirmed

Play Probability: 1.00

Cells: **Cell Size:** 320 acres 0.5 sq mi

Area of Play: 3,498 sq mi 6,996 cells

Productive Cells: 1,848 **Tested Nonproductive Cells:** 259

Untested Cells: minimum median maximum mean distribution
1,500 4,889 7,000 4,717 bell-shaped

Success Ratio for Untested Cells: 0.80

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 | 5,500 | 21,600 | 56,000 | 143,700 | 386,000 | 1,500,000 | 137,630 |

| | | |
|--------------------------------|------------------------------|---------------------------------------|
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| | | | |
|-----------------------|---------------|---------------------|------|
| Gas-Oil Ratio: | 2,400 CFG/bbl | API Gravity: | 35.8 |
|-----------------------|---------------|---------------------|------|

| | | | | |
|--------------------|----------------|---------------|----------------|-------------|
| Depth (ft): | <u>minimum</u> | <u>median</u> | <u>maximum</u> | <u>mean</u> |
| | 5,000 | 7,000 | 11,000 | 7,300 |

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> |
| 0.90 | 0.10 | 0.00 |

Fraction of Play with "Tight" FERC Designation: 0.00

Fraction of Wells Likely to Be Stimulated: 0.08

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> |
| 335.75 | 426.58 | 503.80 | 595.01 | 755.96 | 519.37 | 130.10 |

Gas (BCFG)

| | | | | | | |
|------------|------------|------------|------------|-----------|-------------|-------------|
| <u>F95</u> | <u>F75</u> | <u>F50</u> | <u>F25</u> | <u>F5</u> | <u>mean</u> | <u>s.d.</u> |
| 805.81 | 1,023.78 | 1,209.12 | 1,428.02 | 1,814.30 | 1,246.48 | 312.23 |