

TENNESSEE GAS TRANSMISSION COMPANY
PROGNOSIS TO DRILL AND COMPLETE

Lease: USA Chas. S. Loomis

Field: Teas

Location: 1980' PSL & 1980' FWL, Section 23, T-20-S, R-33-E,
Lea County, New Mexico

Projected Formation: Seven Rivers

Estimated Top of Pay: 3395'

Estimated Total Depth: 3440'

Estimated Elevation: 3628 KB

Drilling, Casing & Cementing:

1. Drill 9 7/8" hole to approximately 1500'.
2. Cement 7 5/8" casing at approximately 1500' w/450 sx.
(sufficient volume to circulate)
3. WOC 2 1/2 hours. Release pressure & install BOP after WOC 12 hours.
Pressure test csg. w/600 psi for 30 min. after WOC 2 1/2 hours.
4. Drill 6 3/4" hole to approximately 3160'.
5. Release rotary rig & rig up cable tools.
6. Bail hole dry & install control head.
7. Drill 6 1/4" hole to TD.
8. Plug back w/pea gravel & calseal to csg. point.
9. Run 4 1/2" csg. and set on top of pay. Circulate hole w/salt
water and cement w/sufficient volume to bring cement to bottom
of surface csg.
10. WOC 30 hrs. Release pressure and run temperature survey after
WOC 12 hrs.
11. Bail hole dry, drill plug & shoe, and CO to TD w/3 1/2" bit.

Drilling Mud:

1. Drill to approximately 1500' with native mud.
2. Drill from 1500' to approximately 3160' w/salt water. Viscosity
will be adjusted to meet requirements for obtaining good
samples and maximum penetration rate.

Tests:

1. Bailer tests will be taken on all shows and any time fluid rises
in hole.

Measurements:

1. Tally DP at csg. point & rotary TD under company supervision.
2. String in tools before drilling plug.
3. String in tools at least once each 2 1/2 hours and at TD.

Well No. 2

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