

TENNECO OIL COMPANY

PROGNOSIS TO DRILL AND COMPLETE

DISTRICT: Rocky Mountain DATE:
LEASE: Leonard Brothers WELL NO: 2
LOCATION: 1650' FSL & 990' FEL FIELD: Queen Penrose
Section 13, T 26S, R 37E
Lea County, New Mexico

ESTIMATED ELEVATION: GL 2992

ESTIMATED TOTAL DEPTH: 3900'

PROJECTED HORIZON: Leonard Queen

DRILLING, CASING AND CEMENT PROGRAM:

1. INIRURT
2. Drill 12-1/4" hole \pm 500'
3. Set and cement 8-5/8" 24 #1 ft. K-55 surface casing at \pm 500. Run sufficient cement to circ.
4. Nipple up BOP, test casing to 500 PSI for 30 min.
5. Drill out shoe with 7-7/8" bit and drill to TD.
6. Log as specified else-where in this prognosis.
7. Condition hole and run 5-1/2" casing if productive. Cement first stage through guide shoe with sufficient cement to cover 500 feet above the Queen. Cement second stage through stage collar @ 1200 with sufficient quantity to bring cement into the surface csg. Volumes to be calculated from caliper logs.
8. Estimated formation tops.

Anyhydrite	910	Queen	3400 (Possible Oil or Gas Bearing Form)
Salt	1170	Penrose	3590 (Possible Oil or Gas Bearing Form)
Yates	2550	Gragburg	3805
7 Rivers	2910		

Surface Formation: Oglala (Miocene)

RECEIVED

JAN 20 1977

OIL CONSERVATION COMM.
HOBBS, N. M.