Location: 1150' FEL and 2400' FSL of Section 32, T6N, R5W, W.B.&M.

Elevation: 830' +/- K.B.

Estimated Drilling Depth:

Total projected depth 1940'

Directional Control: Hole to be vertically drilled.

Program:

1. Cement 30' of 16" conductor.

2. Drill 14-3/4" hole to 500'+/- (drill to fit casing).


4. Cement with 175 sx. class "G" cement premixed with 3#/sx Calseal, 8% gel and 3% CaCl₂ followed with a tail slurry of 100 sx. class "G" cement premixed with 3% CaCl₂. Pump 50 cf fresh water ahead of cement and displace top plug with fresh water. Bleed pressure off casing and observe backflow (50% excess, WOC. 4 hrs.).

5. Install and weld 13-3/8" x 3M x 10-3/4" SOW casing head and test to 1500#. Install Class III-B BOPE. Test Hydrill to 1000# and all rams, lines, valves and chokes to 1500#. DOGAMI to witness tests and log on tour sheet.

6. Drill 9-7/8" hole to 1940' +/- (total depth to be called by on-site geologist. Estimated T.D. will be 60' below top of C&W). Install mud loggers when drilling out shoe of surface pipe. Wipe new hole drilled every 5-6 hrs. or sooner it tight hole becomes evident.

7. Run electric, sonic logs, FMS, and SWS in separate runs to total depth.


9. Cement casing as follows:
   a. Precede cement slurry with 20 bbls. mud flush.
   b. Cement volume to be based on caliper plus 25% with cement top to be brought to surface.
   c. Displace cement in turbulent flow with fresh water.

10. Land casing as cemented, install tubing head and test to 3000#.


12. R.I.H. with 6-1/4" bit on 3-1/2" drill pipe.

13. Drill out shoe of 7" casing and run bit to T.D. Change hole over to KCL-Polymer drilling fluid. P.O.O.H.


15. R.I.H. with 5-1/2", 17#, VFJ slotted liner (50R x 6" centers x .120) Land liner at T.D. with minimum 20' lap.


17. Run 2 7/8", 6.5#, J-55 tubing to 1750' +/- Land tubing in donut and install Xmas tree.

18. Swab tubing to initiate flow, flow well to test.