

Cement Program: (Actual volumes will be based on caliper log when available)

Surface – Cement to surface with total of +/- 600 cu ft as follows:

Lead – 120 sxs 35/65 POZ:C + 6% Bentonite

Tail – 195 sxs “C” + 2% CaCl

Production - Cement to surface with total of +/- 800 cu ft as follows:

Lead - 330 sx 35/65 POZ:C + 6% gel

Tail – 470 sx 50/50 POZ:C + 32% gel + 3% salt + .4% FL-52

6. Mud Program

<u>Depth</u>	<u>Mud Type</u>	<u>Weight ppg</u>	<u>Funnel Viscosity</u>	<u>Water Loss</u>
0'-580'	Spud Mud	8.4-8.9	29-34	NC
580-2900'	Brine	10.0	28-30	NC
2900-3800'	SWG	10.0	30-35	≤ 15 cc

7. Auxiliary Equipment

Upper Kelly Cock, Lower Kelly Cock, and Full Opening Stabbing Valve

8. Testing, Coring and Logging Program

- A. Drill Stem Tests – None planned
- B. Coring – None planned
- C. Logging – Mud logging planned from 2500' to TD
- D. Electric Logs
 - Open Hole: GR, DLL/MLL, CNL/LDT TD to 2800'
 - Cased Hole: GR/CCL TD to 2800'

9. Anticipated Abnormal Temperature, Pressure, or Hazards

10. Anticipated Starting Date and Duration of Operations

Pending favorable weather and permit approval, construction work on this location is planned to begin in February, 2002. Construction work will require 2 days, move-in and rig up rotary tools, 1 day, drill and complete, 18 days. It is planned to spud the well in March, 2002.