

**B. CEMENTING PROGRAM:**

Surface casing: 400 sx Class "C" heat 2% CaCl<sub>2</sub>.

Intermediate Casing: 1000sx "H" with 12% thixad, 10\# gilsonite 1/2 Celloseal, 2% CaCl<sub>2</sub>



Production Casing: 1000 sx Class "H" with 8# CSE .35% thrifty lite, .65% CF-14, 1/4# Celloseal.

**5. Mud Program and Auxiliary Equipment:**

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-300'	Fresh spud	8.3 8.6	30-40	N/C
300-2600'	FW	8.3	29	N/C
2600-9000'	Cut Brine	8.7 9.6	29	N/C
9000'-TD	Salt Gel Starch	9.2 9.6	32-38	< 15cc

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

**6. EVALUATION PROGRAM:**

Samples: 10' samples from 400' to TD

Logging: CNL-LTD from TD to casing with GR-CNL up to surface; DLL with Rxo from TD to casing.

Coring: As warranted

DST's: As warranted by drilling breaks and shows.

**7. Abnormal Conditions, Bottom hole pressure and potential hazards:**

Anticipated BHP: 9.2#/gal gradient

Abnormal Pressures Anticipated: N/A

Lost Circulation Zones Anticipated: Surface and Intermediate

H<sub>2</sub>S Zones Anticipated: None

Maximum Bottom Hole Temperature: 150 F

**8. ANTICIPATED STARTING DATE:**

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 30 days to drill the well with completion taking another 10 days.