

B. CEMENTING PROGRAM:

Surface casing: 200 sx H with 12% Thixad, 10# SX Gilsonite, 1/2#/sx (yield 1.57 wt. 14.6), Celloseal, 3% CaCl₂, 200 sx PCL, 1/4#/sx Celloseal, 2% CaCl₂ (Yield 2.0 wt. 12.4), Tailed in with 200 sxC, 2% CaCl₂.

Intermediate Casing: 800 sx Light 10# Salt, 1/4# Celloseal, Tail w/150sx neat (Yield 2.0 wt. 12.6)

Production Casing: 575 sx super c, (11CSE, 8 Hyseal, 1/4 Celloseal) # sx, 5% Salt, 0.4% CF-2, 0.5% CF-14 (Yield 1.76 wt 13.0#)

5. Mud Program and Auxiliary Equipment:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-350'	FW Gel, Paper	8.6-9.8	32 - 40	N/C
350'-2900'	Brine	10.0-10.3	28	N/C
2900-6000'	Cut Brine	8.8-9.1	28	N/C
6000'-8500'	XC-D Drispac	9.8-10.1	34-40	10cc

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: Every 10' from surface casing to TD

Logging: CNL-LDT from TD to casing with GR-CNI up to surface; D:: from TD to casing

Coring: None Anticipated

DST's: Any test will be based on the recommendations of the well-site geologist as warranted by drilling breaks and shows.

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

Anticipated BHP:

From: 0	TO: 350	Anticipated Max. BHP:	200	PSI
From: 350	TO: 2900	Anticipated Max. BHP:	1500	PSI
From: 2900	TO: 8500	Anticipated Max. BHP:	3000	PSI

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None

H₂S Zones Anticipated: None

Maximum Bottom Hole Temperature: 157°

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 25 days to drill the well with completion taking another 20 days.