

B. CEMENTING PROGRAM:

Surface casing: 900 sx. Pacesetter Lite "C" w/ 1/4# Cellocel, 5# Gilsonite & 3% CaClz wt. 12.7 ppg. Yield 1-84 + 200 "C" w/ 2% CaClz wt. 14.8 Yield 1.32 calculated to circulate to surface.

Production Casing: "H" w/8# CSE, 1/4# flocele, .6%; CF-14 Wt. 13.6 Yld 1.76 Cement calculated to 6200'

2nd Stage: "H" Lite w/5 # Salt, 5# Gilsonite 1/4# Cellocel wt. 12.6 Yld 1.97 + 100 sx. "H" neat wt. 15.6 Yld. 1.18 Cement calculated to circulate to surface.

5. Mud Program and Auxiliary Equipment:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-1100	fwgel/LCM	8-8 9-5	32-40	N/C
1100-5000	FW	8-4	28	N/C
5000-7400	Cut Brine	9-0 9-3	28	N/C
7400-TD	SW Gel Starch	9-0 9-3	32-36	< 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:

From: 0	TO: 1100	Anticipated Max. BHP: 400	PSI
From: 1100	TO: 7400	Anticipated Max. BHP: 2700	PSI
From: 7400	TO: TD	Anticipated Max. BHP: 3500	PSI

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: 0 - 1100

H2S Zones Anticipated: 7500' - 8000'

Maximum Bottom Hole Temperature: 150 F