

B. CEMENTING PROGRAM:

Surface casing: 350 sx Pacesetter Lite "C" w/ 1/4 # Cellocel & 3% CaCl₂
(Yld 1.84 Wt. 12.7) & 250 sx Class "C" w/2% CaCl₂
(YLD 1.84 WT 14.8) Cement calculated to circulate to surface.

Intermediate Casing: 1100 sx Pacesetter Lite "C" w/ 1/4 # Cellocel + 3% CaCl₂.
(Yld 1.84 Wt 12.7). + 250 sx. Class "C" w/2% CaCl₂.
(Yld 1.32 Wt. 14.8) Cement calculated to circulate to surface.

Production Casing: Stage I: 150 sx "H" w/8# sx CSE, +0.6% CF-14 + 5# Sack Gilsonite (Yld 1.76 Wt. 13.6), Cement calculated to 7400' DV Tool; set at approx. 7400'.

Stage II: 600 sx Lite "C" w/5# Gilsonite, 1/4# sx Cellocel, + 0.5% CF-14 (Yld 1.84 Wt 12.7) + 200 "H" w/o 0.6% CF-14 8# sx CSE, 5 sx Gilsonite (Yld 1.76 Wt. 13.6) Cement calculated to tie back intermediate casing 100'.

5. MUD PROGRAM AND AUXILIARY EQUIPMENT:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-700'	FW/Gel	8.4-8.9	32-36	N/C
700'-4415'	Brine	10.0	28	N/C
4415'-8300'	Cut Brine	8.6-9.1	28	<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: Every 10' from surface casing to TD.

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

Coring: None.

DST's: None.

7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURE, AND POTENTIAL HAZARDS:

Anticipated BHP:

From: 0	TO: 700'	Anticipated Max. BHP: 255	PSI
From: 700'	TO: 4415'	Anticipated Max. BHP: 1610	PSI
From: 4415'	TO: 8600'	Anticipated Max. BHP: 3130	PSI

No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None

H₂S Zones Anticipated: None

Maximum Bottom Hole Temperature: 140F

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 15 days to drill the well with completion taking another 20 days.