B. CEMENTING PROGRAM:

Surface casing: 350 sx. Pacesetter Lite "C" w/ 1/4# Cellocel & 3% CaClz (wt. 12.7 ppg. Yield 1-84 ft3) & 250 sx. Class "C" w/ 2% CaClz (wt. 14.8 ppg, yield 1.84 ft3) Cement calculated to circulate to surface.

Intermediate Casing: 1100 sx. Pacesetter Lite "C" w/ 1/4# Cellocel + 3% CaClz. (wt. 12.7 ppg. Yield 1-84 ft3) + 250 sx. Class "C" w/2% CaClz. (wt. 14.8 ppg. Yield 1.32 ft3. Cement calculated to circulate to surface.

Production Casing: 1st stage: 150sx. "H" w/8# Sack CSE, +0.6%CF-14 + 5# Sack Gilsonite (wt. 13.6 ppg Yield 1.76 ft3) Cement calculated to 7400' DV Tool; set at approx. 7400 ft.

2nd Stage: 600 sacks Lite "C" w/ 5# Gilsonite, 1/4# sack Cellocel, + 0.5% CF-14. (wt. 12.7 ppg, Yield 1.84 ft3) +200 sacks "H" w/o 0.6% CF-14 8# sack CSE, 5 sack gilsonite. (wt.13.6 ppg Yield 1.76 ft3) Cement calculated to tie back to intermediate csng. 100'

5. Mud Program and Auxiliary Equipment:

Interval	Type	Weight	Viscosity	Fluid Loss
0-700	fwgel	8-4 8-9	32-36	N/C
700-4415	Brine	10-0	28	N/C
4415-8300	Cut Brine	8-9 9-3	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