

B. CEMENTING PROGRAM:

Surface casing: 900 sx Lite + 300sx 'C' with 2% CaCl₂.

Production Casing: Stage I 650 sx 'H'; 5# Gilsonite; 5# CSE (WT 15.1 Yield 1.31).

Production Casing: Stage II 600 sx Lite 'C'; 5# Salt; 5# Gilsonite ¼# Celloseal; 100sx 'C'.

5. Mud Program and Auxiliary Equipment:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-1600'	FW/Air Mist	8.4- 8.6	28	N/C
1600'-7800'	Cut Brine	8.6-9.0	28	N/C
7800'-8800'	SWGel/Starch	9.0-9.4	30-35	<15
8800'-TD	SWGel/Starch	9.4-9.8	34-38	<12

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 intermediate casing to TD.

Logging: Platform Express HALS NGT.

Coring: None anticipated.

DST's: As warranted.

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

Anticipated BHP:

From: 0	To: 1600'	Anticipated Max. BHP	700 PSI.
From: 1600'	To: 10330'	Anticipated Max. BHP	5300 PSI.

No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None.

H₂S Zones Anticipated: Possible in Canyon.

Maximum Bottom Hole Temperature: 178 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 15 days.