B. CEMENTING PROGRAM:

Surface Casing: 13 3/8" casing circulate cement 1200 sacks.

Intermediate Casing: 8 5/8" casing circulate cement 800 sacks.

Production Casing: 5 1/2" casing circulate cement 3000 sacks.

5. MUD PROGRAM AND AUXILIARY EQUIPMENT:

| Interval | Type | Weight | Viscosity | FluidLoss |
|---|---|---|---|---|
| Spud to 350' | FW | 8.6- 9.8 | 32-40 | N/C |
| 350'-4000' | #10 Brine | 10.0 -10.3 | 28 | N/C |
| 4000'-TD | SW Gel/Starch | 9.4-9.8 | 32-40 | 10cc |

NO Brine in surface Hole! (0-4150')

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: 4000' to TD (11,800').
Logging: Mud Logger (1-man); 4000'- TD * GR CNL/L TD from 4000'- TD.
Coring: None anticipated
DST's: Two (2) Atoka Sand and Morrow Formations. * GR/CNL 4000'-surface, *DLL/MSFL 4000'-TD.

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

Anticipated BHP:

| | | | | |
|---|---|---|---|---|
| From: | 0 | TO: 350' | Anticipated Max. BHP: | 250 PSI |
| From: | 350' | TO: 4000' | Anticipated Max. BHP: | 750 PSI |
| From: | 4000' | TO: TD | Anticipated Max. BHP: | 5000 PSI |

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None

H2S Zones Anticipated: None

Maximum Bottom Hole Temperature 170 Degrees F

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 20 days to drill the well with completion taking another 7-10 days.