Stage 2: Lead w/500 sxs Class 'C' Lite + 9 pps salt + 1/4 pps flocele, tail w/200 sxs Class 'C' + 2% CaCl2. Circ to surface.

c. 5 1/2 csg: Cmt (2 Stages) Stage 1: Cmt w/600 sxs Class 'H' 50/50 Poz + 2% gel + .6% Halad-9 + 3 pps KCL + 1/4 pps flocele. Stage 2: Cmt w/500 sxs Class 'H' Lite + .4% Halad-9. Tail w/100 sxs Class 'H' neat. Bring TOC to 4400' +/-

6. The anticipated characteristics, additives, use, and testing of drilling mud to be employed, along with the types and quantities of mud products to be maintained, shall be given. When air or gas drilling is proposed, the operator shall submit the following specific information:

Mud Program:
0-850' fresh water, gel and lime system
850'-4600' Brine, MW 10.0-10.1
4600'-9900' Fresh Water, MW 8.3-8.5
9900'-10,200' FW/Bentonite/Drispac, MW 8.4-8.6

7. The anticipated testing, logging, and coring procedures to be used, including drill stem testing procedures, equipment, and safety measures.

a. DST Program: None

b. Core: None

c. Mud Logging: Two-man unit 4600' to TD.

d. Logs to be run: LDT/GR/CAL: TD:ICP CR to surface
DIL/SFL/GR: TD-ICP
BHC Sonic: TD-ICP

8. The expected bottom-hole pressure and any anticipated abnormal pressures, temperatures or potential hazards that are expected to be encountered, such as lost circulation zones and hydrogen sulfide. The operator's plans for mitigating such hazards shall be discussed. Should the potential to encounter hydrogen sulfide exist, the mitigation procedures shall comply with the provisions of Onshore Oil and Gas Order No. 6.

No abnormal pressures are anticipated. Bottom hole pressures at TD expected to be 4300 psi. Bottom hole temperature 140 F. There is no anticipated Hydrogen Sulfide in this known drilling area