

be tested to 1000 psi after 12 hours WOC time and prior to drilling the casing shoe.

- b. Production Casing (if warranted by shows, drillstem tests, cores and electric logs): Run new 4½" 10.50# J-55 ST & C casing from surface to total depth. Sufficient cement will be pumped and placed behind the 4½" casing to cover any potentially productive zone with top of cement at approximately 2000 feet from surface. Anticipated cement volume is calculated to be 450 sacks of Premium Plus Pozmix A containing 6# sack salt and ¼# sack of Flocele. This amount includes 50% excess over the theoretical annular volume. Should a hole caliper become available, the cement volume should be recalculated based on the caliper volume plus 10-15% excess.

5. Proposed Circulating Medium

- a. 0-600 feet: use fresh water with some gel. A 100 barrel loss circulation pill will be used to sweep the hole prior to running the 8 5/8" surface casing if hole problems are encountered.
- b. 600-4000 feet: Drill out below surface casing with fresh water mud using drispac for water loss control. Maintain the following mud properties: weight between 9.0-9.5#/gal.; Viscosity between 32-36 seconds; water loss between 10-15 cc; Chlorides below 30,000 ppm. In the event salt stringers are encountered the mud system may have to be converted to a salt water gel base using a brine starch for water loss control.

6. Proposed Coring, Testing and Logging Programs

- a. Coring: At present we do not plan to do any coring.
- b. Testing: Any of the anticipated reservoirs provided they have sufficient shows will be drill stem tested.
- c. Logs: Schlumberger Logging will log this well out of its Roswell offices.

Run #1 from T.D. to surface will be a Dual Induction with Gamma Ray Log.

Run #2 from T.D. to surface will be a Compensated Density/Neutron with Microlog log.

Run #3 (if necessary) will be from T.D. to surface and will be a sonic log.