

Cementing Program:

5-1/2" Production Casing: 500 sx 50/50 Poz "C", 2% gel., 5% salt, 0.5% FL-25 (Fluid Loss). This is designed to bring cement to 500' above intermediate casing shoe.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (3000 PSI WP) preventer. The ram-type preventer will be manually operated and equipped with blind rams on top and 2-7/8" pipe rams on bottom. The BOP will be installed on the 9-5/8" intermediate casing and used continuously until TD is reached. The BOP and accessory equipment will be tested to (1000 PSI) before drilling out the intermediate casing shoe cement plug.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily time sheets.

6. Types and Characteristics of the Proposed Mud System:

This well will be drilled to TD with a 3% KCL fresh water combination. The applicable depths and properties of systems are planned as follows:

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT</u> <u>(ppg)</u>	<u>VISCOSITY</u> <u>(Sec)</u>	<u>WATER LOSS</u> <u>(cc)</u>
0 - 5300'	Fresh Water-KCL	8.4 - 8.6	30 - 32	25 cc - N/C

Loss of circulation should not occur, since the Capitan Reef at about 2800', is already behind casing. However, should circulation be lost, and can not be corrected reasonably, it may be necessary to dry-drill from the loss depth to 5300'+/- . Sufficient mud mixing materials to maintain the mud properties and to meet reasonable lost circulation and weight increase requirements will be utilized.

7. Auxiliary Well Control and Monitoring Equipment:

- A. A fully opened, fully serviceable stabbing valve will be on the rig floor at all times.
- B. No H2S gas or abnormal pressures are known to exist, in this heavily developed area, down to the proposed TD.