placing a D.V. tool below the zones of interest if necessary and cementing with a "Lite" slurry of cement with necessary additives.

Mewbourne Oil Company reserves the right to change the cement types and volumes depending on hole conditions encountered during drilling operations. This area has possible severe loss cirulation problems and if encountered may dictate a change in cement types and volumes.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #2 will consist of a double ram-type (5M psi WP) preventer and a bag-type (Hydril) preventer (5M psi WP). Both units will be hydraulically operated and the ram-type preventer will be equipped with blind rams on bottom and and 4 1/2" drill pipe rams on top. A bag-type (Hydril) preventer (3M psi WP) will be installed on the 13 3/8" surface casing and will be used to drill the intermediate hole. This Hydril is capable of closing on any size drill pipe or drill collar and also is capable of completely sealing off if nothing is in the preventer. Both BOP'S will be used on the production portion of the hole until TD is reached. The Hydril will be tested to 1,000# psi before drilling out of surface casing. Before drilling past the Wolfcamp zone, the ram-type BOP and accessory equipment will be tested to 3,000# psi and the Hydril preventer will be tested to a pressure of (1500# psi). 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 tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor saftey valve (inside BOP) and choke lines and choke manifold with 5000# psi upstream WP.
A rotating drilling head will also be utilized on the BOP stack from the top of the Wolfcamp zone to TD.

See also EXHIBITS 2A, 2B, and Attatchment sheet.