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5. Minimum Specifications for Pressure Control:

9-7/8" hole

The following BOP equipment will be nippled up on the 10-3/4" casing and used continuously until TD is reached for the 9-7/8" hole.

The blowout preventer equipment (BOP) shown in Exhibit E will consist of a 3000 psi WP double ram type preventer. The BOP will be hydraulically operated. At the drilling contractor's option, a 5M BOP may be substituted. H^2S trim will not be required.

Before drilling out from under the 10-3/4" casing, all BOP's and accessory equipment will be tested to 1300 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.

BLM method to calculate minimum BOP requirements: (.052)(10 ppg)(4000') - (0.22 psi/ft)(4000') = 1200 psi Minimum BOP requirements: 2M BOP stack and manifold system

6-3/4" hole

The following BOP equipment will be nippled up on the 7-5/8" casing and used continuously until TD is reached for the 6-3/4" hole.

The blowout preventer equipment (BOP) shown in Exhibit E will consist of a 3000 psi WP double ram type preventer. The BOP will be hydraulically operated. At the drilling contractor's option, a 5M BOP may be substituted. H²S trim will not be required.

Before drilling out from under the 7-5/8" intermediate casing, the BOP and accessory equipment will be tested to 2000 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.

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BLM method to calculate minimum BOP requirements: (.052)(8.4 ppg)(8500') - (0.22 psi/ft)(8500') = 1843 psi Minimum BOP requirements: 3M BOP stack and manifold system