

8 3/4" Hole

A 5000 psi Dual Ram type preventer, annular preventer with rotating head will be used (See Exhibit F-1). The BOP will be tested at least every 29 days and operated at least once each 24 hour period during drilling.

A PVT system will not be installed. Drilling fluid will be circulated through the reserve pit and also will be circulated through the steel pits one hour each tour to check for gains and losses and will be noted on the driller's log, which is Texaco's policy.

An automatic remote-controlled choke will not be used. Texaco will install and test two manual, H2S trimmed chokes.

6-1/8" Hole

A 10,000 psi single pipe ram preventer, dual Ram type preventer, single blind ram preventer, annular preventer with rotating head will be used (See Exhibit G). The BOP will be tested at least every 29 days and operated at least once each 24 hour period during drilling.

A PVT system will be installed. Drilling fluid will be circulated through the steel pits on a continuous basis.

An automatic remote-controlled choke will be used.

**CASING & CENTRALIZER PROGRAM:**

All casing will be new.

Surface Casing: 17 1/2" Hole

13 3/8", 48#, WC-40, STC, set @ 700'  
Centralize the bottom 3 joints and every 4th to Surface.

Intermediate Casing: 12 1/4" Hole

9 5/8", 3500' of 36#, J-55, LTC, and 1000' of 40#, J-55, LTC, set @ 4500'  
Centralize the bottom 3 joints.

Production Casing: 8 3/4" Hole

7", 29#, P-110, LTC, set @ 12000'  
DV Tool @ 8500'. Centralize the bottom three joints and above & below the DV Tool and two baskets below the DV.

Liner: 6 1/8" Hole

5", 2100' of 18#, P-110, SLX, set @ 13800'. Top of Liner 11700'.