

A PVT system will not be installed. We will be drilling thru the reserve pit and will circulate 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.

We do not plan to run an automatic remote-controlled choke. We will have installed and tested two manual, H2S trimmed, chokes.

Casing Program: All Casing will be new.

WITNESS Surface Casing - 17 1/2" hole, 13 3/8", 48#, H-40, STC, set @ 700'.

Intermediate Casing 1: 12 1/4" hole, 4300' of 9 5/8", 40#, K-55, LTC, set @ 4300'.

Intermediate Casing 2: 8 1/2" hole, 12800' of 7", 29#, P-110, BTC, set @ 12800'.

Production Casing: 5 7/8" hole, 13400' of 5", 18#, C-95, FL-4S, set @ 13400'.

Centralizer Program:

CIRCULATE Surface Casing - Centralize the bottom 3 joints and every 4th to surface. Run float shoe only.

CIRCULATE Intermediate Casing 1 - Centralize the bottom 3 joints. Run float shoe and insert float 1 joint up.

Intermediate Casing 2 - Centralize bottom 3 joints. Float shoe and collar 2 joints up. DV Tool @ 8000' with ECP below (100% Excess).

Production Casing - Centralize above and below the DV Tool and place 2 baskets below DV Tool.

Cementing Program:

Surface Casing: 400 sacks Class C w/2% Gel, 2% CaCl₂ (13.5 PPG, 1.74 CF/S, 9.11 GW/S). F/B 390 sacks Class C w/2% CaCl₂ (14.8 PPG, 1.34 CF/S, 6.40 GW/S).

Intermediate Casing 1: 1230 sacks 35/65 Poz Class H w/6% Gel, 5% Salt, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.46 GW/S). F/B 270 sacks Class H (15.6 PPG, 1.18 CF/S, 5.20 GW/S)>

Intermediate Casing 2: 810 sacks 50/50 Poz Class H w/2% Gel, 5% Salt, 1/4# FC (14.2 PPG, 1.35 CF/S, 7.45 GW/S). F/B 110 sacks Class H (15.6 PPG, 1.18 CF/S, 5.20 GW/S). DV Tool @ 8000'. 690 sacks Class H (11.5