

SECTION IV PRODUCTION HOLE: 7700' TVD, 7775' MD RKB, 7 7/8" Bit

- A. General: Per BLM requirements, test the BOP and related control equipment prior to drilling into the Delaware Formation at approximately 3780'. Report the results to the BLM.
- B. Directional Program: At the kick off point of 5000' run a surface readout gyro through drill pipe from 5000' to surface. POOH and pickup motor assembly with 1 1/2° bent sub. Build angle to 6 - 8 degrees and POOH. Pickup and RIH with build assembly and continue build to approximately 15.30 and POOH. RIH with hold assembly and drill to TD. At TD run a magnetic multi-shot back to 5000' to tie-in to gyro. See attached directional plan.
- C. Mud: Fresh water to 4450'. Mud up at 4450' and control fluid loss to 15 cc or less with Gel/Drispac Plus. See attached Mud Program for details.
- D. Hydrocarbon Mudlogging/Sample Program: Two man mudlogging unit to be on location from 3700' to TD. Cuttings samples to be taken every 10' from 3700' to TD.
- E. Coring Program: None.
- F. Logging: Halliburton Logging Services Off: (505) 392-7541

PPCo. Logging Engineer: (Notify 6 hrs prior to logging)

Jeff Hargrove	Off: (915) 368-1308	Home: (915) 367-6312
Bill Arnold (Backup)	Off: (915) 368-1399	Home: (915) 362-0150

Logging Program:

1) DLL/MG/GR/Cal	TD to 3700'.
2) SDL/DSN/GR/Cal	TD to 3700'.
2a) DSN/GR	3700' to Surface.

Tape all logs at 800 bpi, LIS format, for library tape and computer processing.

Mailing Address for logging films:

Phillips Petroleum Company
Attn: D. L. Rockey
4001 Penbrook
Odessa, Texas 79762

Mailing Address for logging tapes:

Phillips Petroleum Company
Attn: M. G. Gerard
4001 Penbrook
Odessa, Texas 79762