Attachment to For 3160 (APD) Union Texas Petroleum Corporation Short Fuse Federal #1 Lea County, New Mexico Page -3-

- VI A. Testing If show warrant, drill stem tests will be performed in the First Bone Spring Carbonate, and/or the second Bone Spring Sand.
 - B. Logging The following log runs are planned:

Surface-5,100' CN,GR,CAL
5,100' - TD BHC Sonic,GR,CAL
5,100' - TD CNDL,GR,CAL
5,100' - TD DLL-MLL,GR,CAL,SP

- C. Cores None
- D. Anticipated Completion Program.
 - 1. Run $5 \frac{1}{2}$ casing from surface -10,500 and cement to 6,000.
 - 2. Pressure test casing to 0.2 psi/ft.
 - Perforate appropriate pay section of the Bone Spring Sand or the Bone Spring Carbonate.
 - 4. Stimulate with an acid and possibly a fracture treatment.
 - 5. Flow and/or swab test.
 - 6. If commercial, produce through 2 7/8" tubing.

VII. BHP and Abnormal Conditions

- A. BHP at 10,500' is not expected to exceed 4000 psi.
- B. No abnormal pressures are anticipated.
- C. Hydrogen Sulfide (H₂S) is present in the Bone Spring and Wolfcamp formations. H₂S monitoring equipment will be installed upon drilling out of surface casing.
- D. No abnormally high temperatures are evident in the immediate area. Approximate BHT is $140\ ^{\mathrm{OF}}$.

VIII. Additional Information

None at this time. Should conditions change which alter any part of this drilling plan, the Bureau of Land Management will be promptly notified.

NPR 13 1981