

APPLICATION TO DRILL

POGO PRODUCING COMPANY

WBR FEDERAL # 6

UNIT "P" SECTION 13

T22S-R32E LEA CO. NM

12. Testing, Logging and Coring Program:

- A. Open hole logs: Dual Induction, SNP, LDT, Sonic, Caliper & Gamma Ray from TD to 4700'. Run Gamma Ray, Neutron from 4700' to surface.
- B. Mud logger will be put on hole at 4700'± and remain on hole to TD.
- C. No DST's or cores are planned at this time

13. Potential Hazards:

No abnormal pressures or temperatures are expected. Hydrogen Sulfide gas may be encountered, H<sub>2</sub>S detectors will be in place to detect any presence. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used. Estimated BHP 5000 PSI, estimated BHT 175° .

14. Anticipated Starting Date and Duration of Operation:

Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved. Drilling expected to take 40 days. If production casing is run an additional 30 days will be required to complete and construct surface facilities.

15. Other Facets of Operations:

After running casing, cased hole gamma ray neutron collar logs will be run from total depth over possible pay intervals. The Bone Spring pay will be perforated and stimulated. The well will be swab tested and potentialized as an oil well.