

APPLICATION TO DRILL

POGO PRODUCING COMPANY  
BOOTLEG RIDGE "14" FEDERAL COM. # 3  
UNIT "P" SECTION 14  
T22S-R32E LEA CO. NM

12. TESTING, LOGGING, & COREING PROGRAM:

- A. Open hole logs: Run # 1 Dual-Laterolog, SNP, LDT, Gamma Ray, Caliper from 4600' to 900'. run Gamma Ray to surface. Run # 2 Dual-Induction, SNP, LDT, Gamma Ray, Caliper from 12,200 to 4600'. Run # 3 Dual-Later-O-Log, SNP, LDT, Gamma Ray, Caliper from TD to 12,200'.
- B. Mud logger on hole from 4600' to TD.
- C. DST's and cores will be taken as shows dictate.

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 of unsafe levels of H<sub>2</sub>S. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operations of all equipment that will be used. Estimated BHP 8500 PSI & estimated BHT 200°.

14. ANTICIPATED STARTING DATE AND DURATION OF OPERATION:

Roads and location construction will begin after the BLM approves the APD. Anticipated spud date will be as soon as pad & road construction has been completed. Drilling time for the well is estimated to take 75 days. If production casing is run an additional 30-40 days will be required to complete well and construct surface facilities.

15. OTHER FACETS OF OPERATION:

After running production casing, cased hole Gamma-Neutron & Collar logs will be run over all possible pay intervals. If commercial production from the Morrow pay is indicated it will be perforated and stimulated. Then if necessary the pay will be swab tested and completed as a gas well.