

APPLICATION TO DRILL

POGO PRODUCING COMPANY  
STERLING SILVER "33" FEDERAL # 16  
UNIT "I" SECTION 33  
T23S-R31E EDDY CO. NM

12. TESTING, LOGGING, & COREING PROGRAM:

- A. Open hole logs: Run Dual Induction, CNL, Density, Gamma Ray, Caliper from TD to 4100'. Run Gamma Ray Neutron from 4100' to surface.
- B. Mud logger on hole from 4100' to TD.
- C. No cores or DST's 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 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 3500 PSI & estimated BHT 140°.

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 25 days. If production casing is run an additional 30 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 Delaware pay is indicated it will be perforated and stimulated. Then if necessary the pay will be swab tested and completed as an Oil well.