

APPLICATION TO DRILL

JOY PETROLEUM MANAGEMENT COMPANY
RHODES FEDERAL UNIT # 226
UNIT "G" SECTION 22
T26S-R37E LEA CO. NM

12. Testing, Logging and Coring Program:

- A. Open hole logs: Dual Laterolog, Side Wall Neutron, Density Gamma Ray Caliper from TD to 750'.
- B. Run Gamma Ray, Neutron from 750' to surface.
- C. No DST's, cores or Mud Logger are planned at this time.

13. Potential Hazards:

No abnormal pressures or temperatures are expected. Hydrogen Sulfide gas may be encountered, H₂S 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 750 PSI, estimated BHT 120°.

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 10-15 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 Tansil Yates, 7 Rys pay will be perforated and stimulated. The well will be swab tested and potentialized as a gas well.