

APPLICATION TO DRILL

W.A. & E.R. HUDSON, INC.
PUCKETT "B" # 12-1
UNIT "D" SECTION 12
T17S-R31E EDDY CO. NM

12. Testing, Logging and Coring Program:

- A. Open hole logs: Dual Laterolog SNP, CNL Density, Gamma Ray Caliper from TD to 4500'. Gamma Ray, Neutron from 4500' to surface.
- B. Mud logger on hole at 4500' to TD.
- C. DST's as dictated by shows.
- D. Cores at the discretion of Geologist.

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 5000 PSI, estimated BHT 190 ° .

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 Morrow pay will be perforated and stimulated. The well will be swab tested and potentialized as a Gas well.