

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.

WYNELL FEDERAL # 4

UNIT "A" SECTION 15

T19S-R33E LEA CO. NM

12. Testing, Logging and Coring Program:

A. Open hole logs: Dual Laterolog, SNP, LDT, Gamma Ray, Caliper, from TD to 1450'. Run Gamma Ray, Neutron from 1450' to surface.

B. Mud logger may be put on hole if Geologist thinks it is needed.

C. No cores of DST's 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 1800 PSI, estimated BHT 130°.

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 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 7 Rivers, Queen pay will be perforated and stimulated. The well will be swab tested and potentialized as an oil well.