APPLICATION TO DRILL

CONCHO OIL & GAS CORP. EDITH FEDERAL # 4 UNIT "K" SECTION 25 T18S-R33E LEA CO. NM

12. <u>Testing</u>, Logging and Coring Program:

1. Open hole logs: Run Dual Laterolog SNP, LDT, Gamma Ray, Caliper from TD to 3700'. Run Gamma Ray, Neutron from 3700' to surface.

2. No DST's are planned at this time.

3. No cores are planned at this time.

4. Mud logger may be rigged up on hole when Geologist sees the need.

13. Potential Hazards:

No abnormal pressures or temperatures are expected. Hydrogen Sulfide gas may be encountered, E_2S 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 4000 PSI, estimated BHT 165°.

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 ________ 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 <u>Bone Spring</u> pay will be perforated and stimulated. The well will be swab tested and potentialed as an oil well.