

APPLICATION TO DRILL
UNOCAL
UNOCAL "8" Federal #1
1980' FNL & 660' FWL Sec.8
T20S-R34E Lea Co., NM

12. Testing, Logging and Coring Programs:

- A. Two man mud logging unit on starting with Delaware.
- B. Sidewall cores as directed by Geologist.
- C. Open hole logs on intermediate hole before casing is set.
- D. Open hole logs. Gr-CNL-LDT for porosity & gas effect DLL-MLL or DIL-MSF depends on salinity of mud for water saturation.

13. Potential Hazards:

No abnormal pressures of temperature zones expected (nothing abnormal in offset wells or other wells in the area). Hydrogen sulfide gas is not anticipated however, precautions for detection will be observed. No major lost circulation is expected (none reported in this area). H2S contingency attached "13-A".

14. Anticipated Starting Date and Duration of Operation: Road and location construction will begin after BLM approval of APD. Anticipated spud date 11-1-94 Drilling expected to take approx. 90 days If production casing is run an additional 30 days to complete and construct surface facility and place well on production.

15. Other Facets of Operations: After running casing, cased hole gamma ray collar correlation 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

RECEIVED

JAN 11 1995

TO HOBBS
OFFICE