

APPLICATION TO DRILL

UNION OIL CO. OF CALIFORNIA ~~SSS~~
UNOCAL RED HILLS "28" FEDERAL ~~128~~ #2
1980' FNL & 660' FWL Sec. 28
T25S-R33E LEA CO. MN

12. Testing, Logging and Coring Programs:

- (A) A two man mud logging unit will be rigged up on well from 5000 to TD
- (B) Open hole logs: DIL, G ray, CAL, LTD from TD to 5000'. CNL, G-ray, Sonic from TD to surface.
- (C) Side Wall cores will be taken as shows dictate.

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". BHP in Atoka ~12000psi ~~SSS~~ per UNOCAL correspondence.
BHP in Wolfcamp ~2000psi

14. Anticipated Starting Date and Duration of Operation: Road and location construction will begin after BLM approval of APD. Anticipated spud date 04/01/95. Drilling expected to take 75 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 Atoka pay will be perforated and stimulated. The well will be swab tested and potentialized as an gas well.