

## APPLICATION TO DRILL

UNION OIL CO. OF CALIFORNIA <sup>SOS</sup>  
 UNOCAL RED HILLS "28" FEDERAL #2  
 1980' FNL & 660' FWL Sec. 28  
 T25S-R33E LEA CO. NM

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

1. Location: 1980' FNL & 660' FWL Sec. 28 T25S-R33E Lea Co.  
 New Mexico

2. Elevation Above Sea Level: Gl. 3374

3. Geologic Name of Surface Formation: Quaternary Aeolian Deposits

4. Drilling Tools and Associated Equipment: Conventional rotary drilling rig using mud for the circulation medium.

5. Proposed Drilling Depth: 15,000'

6. Estimated Geological Marker Tops:

Rustler	1030	Wolfcamp	11530
Delaware	5000	Wolfcamp pay	13400
Cherry Canyon	6278	Strawn	14200
Bone Springs	9210	Morrow Lime	14800

7. Possible Mineral Bearing Formation:

Delaware	Oil	Strawn	Gas
Wolfcamp	Oil	Atoka	Gas

8. Casing Program:

Hole Size	Intreval	OD Csg	Weight	Thread	Collar	Grade	Cond.
20"	0-825	16"	84 & 65	8R	ST&C	J-55,H-40	New
14 3/4	825-5000	10 3/4	60.7 & 51	8R	ST&C	P-110 & N-80	New
9 1/2	5000-13000	7 5/8	46.1 & 39	8R	LT&C	P-110	New
6 1/2	13000-15000	5"	21.4	8R	LT&C	P-110	New