

APPLICATION TO DRILL

UNOCAL
UNOCAL "8" Federal #1
1980' FNL & ~~660'~~ FWL Sec.8
T20S-R34E ~~730'~~ Lea Co., NM
SS

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.8 T20S R34E Lea Co.,
New Mexico
2. Elevation Above Sea Level: GR 3615'
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: 13,700'
6. Estimated Geological Marker Tops:

Rustler Anhy.	1500	Atoka	12200
Yates	3100	Morrow Ls.	12720
Dealware	5585	Morrow Clastics	13100
Bone Springs	8350	Lower Morrow	13450
Wolfcamp	9200		
7. Possible Mineral Bearing Formation:

Delaware	- Oil	Atoka	- Gas
Bone Springs	- Oil	Morrow	- Gas
8. Casing Program:

Hole Size	Interval	OD Csg.	Weight	Thread	Collar	Grade	Cond.
17-1/2	0 - 1500	13-7/8	54.5	8-R	ST&C	J-55	New
12-1/4	1500 - 5200	8-5/8	32	8-R	ST&C	J-55	New
7-7/8	5200 - 13700 TD	5-1/2	17	*	*	*	
	* Bottom 5000'		17	8-R	LT&C	S-95	New
	Middle 6400'		17	8-R	LT&C	N-80	New
	Top 2300'		17	BUTT		S-95	New