

APPLICATION FOR DRILLING

THE SUPERIOR OIL COMPANY
MEANDER FEDERAL ~~LAND~~ // #1/
EDDY COUNTY, NEW MEXICO

The following information is furnished with the Application to Drill, Form 9-331-C, in compliance with NTL-6, effective July 1, 1976.

1. The geologic surface formation is Red Beds.
2. The estimated tops of important geologic markers are as follows:

Bone Spring	5000'
Wolfcamp	8080'
Strawn	10,200'
Atoka	10,310'
Morrow	10,970'

3. The depths at which anticipated water, oil, gas or other mineral bearing formation are expected to be encountered are as follows:

Gas:	Bone Spring at 5000'
	Atoka at 10,310'
	Morrow at 10,970'

4. For proposed casing program, please see Exhibit "E".
5. For proposed specifications for pressure control equipment, please see Exhibit "F".
6. For proposed drilling fluids outline, please see Exhibit "G".
7. Auxiliary equipment is listed in Exhibit "H" (Rig specifications).
8. Testing, Logging and Coring Programs planned for this well are as follows:

Testing

Drill Stem Test: Possible tests in the Bone Spring and the Morrow zones.