

APPLICATION FOR DRILLING

McCLELLAN OIL CORPORATION

Re-Entry of:

Big Lucky Lake Federal Com., Well No. 2

1980' FSL & 660' FEL, Sec. 30-T15S-R30E

Chaves County, New Mexico

Lease No.: NM-55133

(Development Well)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, McClellan Oil Corporation submits the following items of pertinent information in accordance with BLM requirements:

1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.

2. The estimated tops of geologic markers are as follows:

Rustler	450'	Glorieta	4275'
Top of Salt	1200'	Abo	6400'
Yates	1410'	Wolfcamp	7672'
Queen	2160'	Atoka	9462'
San Andres	2865'	Mississippian	10415'
		T.D.	10500'

3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Random fresh water sands from surface to - 200'+/-.

Oil: Possible in the Atoka below 9462'

Gas: Possible in the Atoka below 9462'

4. Proposed Casing Program: See Form 3160-3.
5. Proposed Control Equipment: See Form 3160-3 and Exhibit "E".
6. Mud Program: See Form 3160-3.
7. Auxiliary Equipment: Blowout Preventer, gas detector, Kelly cock.
8. Testing, Logging, and Coring Program:

Drill Stem Tests: None Planned.

Logging: T.D. to surface: GR-CNL-LDT, .

T.D. to intermediate casing: DLL-MSFL.

Coring: None planned.

9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified to increase the mud weight. Estimated BHP = 4200 psi (evac.) with temperature = 170°.
10. H₂S: None expected.
11. Anticipated starting date: July 5, 1993.
Anticipated completion of drilling operations: Approximately 45 days.

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