

APPLICATION FOR DRILLING
SNOW OIL & GAS, INC.
Keel Federal, Well No. 3
1980' FNL & 1980' FEL, Sec. 33-T18S-R32E
Lea County, New Mexico
Lease No. NM-0556094

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

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

Yates	3160'
Seven Rivers	3670'
San Andres	4910'
T.D.	5500'
3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Fresh water possible @ 100' and 400'. Surface water will be cemented behind surface casing.
Surface casing to be set at 800'.

Oil: Possible in the Yates, Seven Rivers, and San Andres below 3160'.

Gas: None expected.
4. Proposed Casing Program: See Form 3160-3 for casing program.
5. Proposed Control Equipment: See Form 3160-3 and Exhibit "E".
6. Mud Program: See Form 3160-3.
7. Auxiliary Equipment: Blowout Preventer.
8. Testing, Logging, and Coring Program:

Drill Stem Tests: None

Logging: Collar locator Gamma Ray: Surface casing and Gamma Ray Neutron Dual Induction Log from T.D. to surface casing.

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 = 2300 psi, BHP temp. = 106°F
10. H₂S: None expected based on previous drilling information of the well.
11. Anticipated starting date: February 21, 1996
Anticipated completion of drilling operations: Approx. 3 weeks.

EXHIBIT "B"