

APPLICATION TO DRILL
WOODBINE PETROLEUM, INC.
LOWE FEDERAL WELL #1

1980' FNL AND 760' FEL
SECTION 31, T20S, R30E
EDDY COUNTY, NEW MEXICO

In conjunction with Form 3160-3, Application for Permit to Drill, Woodbine Petroleum, Inc. submits the following ten items of pertinent information to drill the subject well in accordance with Bureau of Land Management requirements.

1. The geologic surface formation is cretaceous.
2. The estimated tops of geologic markers are:

Delaware 3774'
3. The estimated depths at which water, oil or gas-bearing formation are expected:

Water: 300 feet
Oil & Gas: Delaware 3774'
4. Proposed casing program: See Form 3160-3
5. Pressure control equipment: See Exhibit E
6. Mud Program: See Exhibit F
7. Anticipated bottom-hole pressure: No abnormal pressures are expected. Hydrogen sulphide gas may be encountered in the Capitan Reef, although none is expected. Appropriate safety precautions will be taken.
8. Testing, logging and coring programs:

Drill Stem tests:
 No DST's anticipated to be taken

Logging:
 Wireline Logging program: Compensated neutron, gamma ray.
9. Anticipated starting date: As soon as possible.