

APPLICATION FOR DRILLING

Ray Westall  
Federal 7 No. 4  
Section 7-T19S-R33E  
**2080** FNL & 1980 FWL  
**SJS** Lea County, New Mexico  
NM-63026

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

1. The geological surface formation is quaternary.
2. The estimated tops of geologic markers are as follows:  
Yates 3470  
Delaware 5800  
Bone Springs 7600
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:  
Water 0-180'  
Oil and Gas zones listed in item #2
4. Proposed casing program: See 3160-3
5. Pressure Control Equipment: See 3160-3 and exhibit E.
6. Mud Program: Fresh water in surface hole, brine water to TD
7. Auxiliary Equipment: None
8. Logging Program: CNL/FDC/GR, DLL.
9. No abnormal pressures or temperatures are anticipated.  
BHP ~ 3600 psi / BHT ~ 125°F
10. Anticipated Starting Date: As soon as possible.

Duration: 12 days drlg.  
5 days compl.

**SJS**