

APPLICATION FOR DRILLING

JOE L. TARVER
SOUTH RED LAKE GRAYBURG UNIT WELL NO. 44
990' FNL and 990' FEL
Section 35
Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Joe L. Tarver submits the following ten items of pertinent information in accordance with USGS requirements:

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

Grayburg 1700'

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

Water: Approximately 250'

Oil or gas: Grayburg: Approximately 1700'

4. Proposed Casing Program: See Form 9-331C and exhibit F.
5. Pressure Control Equipment: See Form 9-331C and exhibit E.
6. Mud Program: See exhibit G.
7. Auxiliary Equipment: See exhibit H.
8. Testing, Logging and Coring Programs:

Drill stem tests:

None anticipated

Logging:

Electric Log Program:

Gamma Ray-Neutron Porosity Log

9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.