

APPLICATION FOR DRILLING
Petroleum Corporation of Texas
Well No. 5 Jenkins "B" Federal
Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well in Section 20, Township 17 South, Range 30 East, Eddy County, New Mexico, Petroleum Corporation of Texas submits the following ten items of pertinent information in accordance with U.S.G.S. requirements:

1. The geologic surface formation is Quaternary Alluvium and bolson deposits and other surficial deposits.
2. The estimated tops of geologic markers are as follows:

Yates	1230'
Seven Rivers	1895'
Queen	2170'
Grayburg	2590'
San Andres	3130'
Glorieta	4440'
Abo Reef	6750'
3. The estimated depths at which water, oil or gas formations are expected to be encountered are:
Water: At approximately 50 feet or at approximately 200-300 feet.
Oil: Grayburg-San Andres at approximately 2640' to 3800'.
4. Proposed casing program: See Form 9-331C.
5. Pressure Control program: See Form 9-331C.
6. Mud program: See Form 9-331C.
7. Auxiliary equipment: Kelly cocks, floats at the bit, sub on the floor.
8. Testing, logging and coring programs: No testing or coring. Gamma Ray density logging.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: November 1976 (as soon as possible after approval.