

APPLICATION FOR DRILLING

Petroleum Corporation of Texas  
Berry Federal "A" -- Well No. 5  
990' FNL & 2200' FWL, Sec. 21, T17S, R30E  
Eddy County, New Mexico  
Lease: LCO 54988

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Petroleum Corporation of Texas submits the following items of pertinent information in accordance with USGS requirements:

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

Queen	2180'
Premier	2970'
San Andres	3080'
3. The estimated depths at which anticipated water, oil, or gas formations are expected to be encountered:

Water:	Possibly at approximately 200' to 500'.
Oil:	Premier at approximately 2970'.
	San Andres at approximately 3080'.
Gas:	None
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C and Exhibit "D".
6. Mud Program: See Exhibit "E", letter from Mudco, Inc., dated 8/31/76.
7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; Blow out preventer; inside blowout preventer.
8. Testing, Logging and Coring Program:

Logging:	Compensated Neutron Log, Laterolog, and Bond Log.
Drill Stem Test:	None anticipated at this time.
Coring:	None.
9. No Abnormal pressures or temperatures are indicated.
10. Anticipated starting date: February 15, 1980.  
Anticipated completion date: Approximately three weeks after starting date.