

DEPCO, Inc.  
300 CENTRAL  
ODESSA, TEXAS

APPLICATION FOR DRILLING

DEPCO, INC.  
NO. 4 Rose Federal  
CHAVES COUNTY, NEW MEXICO

**RECEIVED**

AUG 18 1982

OIL & GAS  
MINERALS MGMT. SERVICE  
ROSWELL, NEW MEXICO

In conjunction with Form 9-331C, Application for permit to drill, DEPCO, INC. submits the following items of pertinent information in accordance with USGS requirements.

1. The estimated tops of geologic markers are as follows:

San Andres	580'
Glorieta	1580'
Tubb	3050'
Abo	3620'

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

Water:	Approximately 950 feet or less
Gas:	Abo 3620'

3. Proposed casing program: See Form 9-331C.
4. Pressure Control Equipment: See Form 9-331C and Exhibit D.
5. Mud Program: See Form 9-331C and attached letter from Marrs Mud Company.
6. Auxiliary Equipment: Blowout Preventer, Inside Blowout Preventer, Kelley Cock.
7. Testing, Logging and Coring Program:

Drill Stem Test: Abo  
10-foot samples from surface casing to TD  
Logging: Dual Laterolog and Compensated Neutron/Density  
With Gamma Ray and Caliper

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