

## APPLICATION FOR DRILLING

DEPCO, Inc.  
No. 1 Sundance Federal - Section 3 - T12S - R30E  
Chaves County, 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	2,650
Glorieta	4,060
Tubb	5,500
Abo	6,330
Wolfcamp	7,400
Cisco	8,130
Canyon	8,520
Strawn	9,020
Atoka	9,380
Morrow	9,590
Mississippi Ls.	9,690
TD	9,950

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

Water:	Approximately 100 feet or less.
Oil or Gas:	Abo 6,330-7,400
	Atoka 9,380-9,590
	Morrow 9,590-9,690
	Mississippi Ls. 9,690-9,950

3. Proposed Casing Program: See Form 9-331C.

4. Pressure Control Equipment: See Form 9-331C and Exhibit E.

5. Mud Program: See Form 9-331C and attached letter from Texas Mud & Chemical Co.

6. Auxiliary Equipment: Blowout Preventer, Inside Blowout Preventer, Kelley Cock.

7. Testing, Logging and Coring Program:

Drill Stem Tests:	Abo	- 1
	Atoka	- 2
	Morrow	- 1
	Miss. Ls.	- 1

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.

RECEIVED

MAR 20 1978

OIL CONSERVATION COMM.  
HOBBS, N. M.