



P E D C O

XXXXXXX DRILLING OPERATIONS XXXXX
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ENGINEERING OPERATIONS
9720-B CANDELARIA, NE
ALBUQUERQUE, NM 87112
TELEPHONE: (505) 293-4044

REPLY TO: ALBUQUERQUE

MULTI-POINT DRILLING PLAN

Pedco Petroleum Development Corporation
- Gulf-Water Federal # com #1
660' FEL & 1980' FSL, Sec. 33, T18S, R32E
Lea County, New Mexico
Leases: NM 24161: 160 acres
NM 0556094: 160 acres

This supplemental plan is submitted with the Application to Drill the above-described well in compliance with NTL-6 of the United States Department of the Interior.

1. The surface is composed of a fine-grained sand, quaternary in age.

2. Estimated top of primary geologic markers are:

Rustler	1208	(+2500)
Salt	1463	(+2245)
Tansill	2608	(+1100)
Yates	2868	(+ 840)
Seven Rivers	3308	(+ 400)
Queen	3928	(- 220)
Grayburg	4378	(- 670)
Delaware	5578	(-1870)
Bone Spring	7073	(-3365)
Wolfcamp	10388	(-6680)
Strawn	11608	(-7900)
Atoka	11958	(-8250)
Morrow	12198	(-8490)

Estimated KB Elevation: 3708

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

1338'	salt water	Rustler Dolomite
4878'	oil	Cherry Canyon Sand
7073'	oil	Bone Spring Lime
7728'	oil	Bone Spring Lime
8193'	oil	Bone Spring Lime

RECEIVED

AUG 23 1977

OIL CONSERVATION COMM.
HOBBS, N. M.