

## PETROLEUM DEVELOPMENT CORPORATION

9720-B CANDELARIA, NE  
ALBUQUERQUE, NEW MEXICO 87112  
TELEPHONE (505) 293-4044

NEW MEXICO OIL CONSERVATION DIVISION  
RECEIVED  
1994 AUG 17 AM 8 50

August 16, 1994

William J. LeMay, Director  
New Mexico Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, New Mexico 87501

11084

Re: Application - Short Radius Horizontal  
Directional Drilling Project  
Special Operating Rules  
Non-Standard Oil Proration Unit  
Special Project Oil Allowable

Dear Mr. LeMay:

Petroleum Development Corporation (PEDCO) applies for public hearing on September 15, 1994 to authorize the intentional deviation from the existing vertical hole using the following procedure:

- 1) Mill a 70+ foot section in the existing 4½" and 5½" casing.
- 2) A directional survey will be run to determine the location of the kickoff point.
- 3) Drill a 200+ foot radii 85° to 90° into the San Andres pay zone.
- 4) Horizontally drill 1000+ feet into the pay zone.
- 5) Adequate directional surveys will be run in the deviated hole.
- 6) The horizontal hole will be maintained a distance of 100 feet from any boundary of any lease line.

The horizontal hole will be allowed to cross the boundary joining the 40 acre spacing tracts in the project area. PEDCO request an allowable be assigned to the project area equal to 80 BOPD times the number of standard 40-acre proration units within the project area which are developed or traversed by a horizontal well bore.

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The project area will consist of the following:

Federal Lease No. 046153-A  
S/2NE/4, SE/4NW/4, SE/4 and S/2SW/4  
Section 34 and S/2 Section 35, T7S, R31E  
Chaves County, New Mexico

TOM-TOM SAN ANDRES FIELD

- 1) Miller Federal #3 - Unit H, Section 34, T7S, R31E.  
Located 1980' FNL and 660' FEL, using the adjoining  
Unit G, Section 34, T7S, R31E.
- 2) Miller Federal #6 - Unit M, Section 34, T7S, R31E.  
Located 660' FSL and 660' FWL, using the adjoining  
Unit N, Section 34, T7S, R31E.
- 3) Miller Federal #7 - Unit I, Section 35, T7S, R31E.  
Located 1980' FSL and 330' FEL,
- 4) Miller Federal #8 - Unit P, Section 35, T7S, R31E.  
Located 990' FSL and 330' FEL, using the adjoining  
Unit O, Section 35, T7S, R31E.
- 5) Miller Federal #9 - Unit J, Section 35, T7S, R31E.  
Located 1980' FSL and 1650' FEL, using the adjoining  
Unit K, Section 35, T7S, R31E.

30-005-20120

30-005-20530

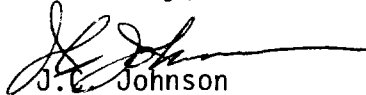
30-005-21012

30-005-21030

30-005-21047

Attached is a list of offset operators with their correct mailing addresses.

Sincerely,

  
J.E. Johnson  
President

JCJ:kc

Enclosure

ATTACHMENT

Murphy Operating Corporation  
P.O. Box 2648  
Roswell, NM 88201

Yates Petroleum Corporation  
105 South 4th  
Artesia, NM 88210

Western Reserves Oil Co., Inc.  
P.O. Box 993  
Midland, Texas 79702