

PETROLEUM DEVELOPMENT CORPORATION

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

October 10, 1990

RECEIVED

OCT 10 1990

OIL CONSERVATION DIVISION

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

RE: Rule 111, Deviation Tests and
Directional Drilling

Dear Mr. LeMay:

10164

Petroleum Development Corporation (PDC) applies for public hearing on November 14, 1990 to authorize the intentional deviation from the existing vertical hole using the following procedure:

1. Mill a 20 foot to 30 foot section in the existing 4½" or 5½" casing.
2. Drill a 40 foot to 50 foot radii 90° arc into the P₁ or P₂ San Andres pay zone.
3. Horizontally drill 200 feet to 300 feet into the pay zone.
4. Adequate directional surveys will be run in the deviated hole.
5. The horizontal hole will not be closer than 330 feet to any boundary of the 40 acre spacing tract.

PDC request permission to horizontally drill the following wells:

CATO San Andres Field

Wattam Federal #3 Unit F, Section 6, T8S, R31E. Located 1980' FNL and 1980' FWL.

CATO San Andres Field

Wattam Federal #6 Unit A, Section 7, T8S, R31E. Located 643' FNL and 782' FEL.

Tomahawk San Andres Field

Strange Federal #5 Unit F, Section 25, T7S, R31E. Located 660' FSL and 1980' FWL.

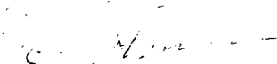
Siete San Andres Field

~~Strange~~ Federal #1 Unit I, Section 17, T7S, R31E. Located 1980' FSL and 660' FEL.

PDC also request that all future wells in these fields to be horizontally drilled from existing well bores be administratively approved, providing the horizontal hole will not be closer than 330 feet to any boundary of a 40 acre spacing tract.

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

Sincerely,


J.C. Johnson
President

JCJ/pg

Enclosure

Yates Energy Corporation
Box 2323
Roswell, NM 88202-2323

Murphy Operating Corporation
P.O. Box 2648
Roswell NM 88202

Yates Petroleum Corporation
105 South 4th
Artesia, NM 88210

Mountain States Petroleum Corporation
P.O. Box 1936
Roswell, NM 88202

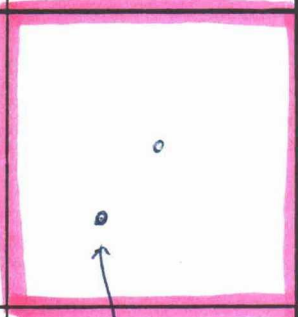
H.L. Brown, Jr.
1400 Murray
Midland, TX 79701

Read and Stevens, Inc.
Box 1518
Roswell, NM 88201

Nauman Oil and Gas, Inc.
P.O. Box 10159
Midland, TX 79702

Kerr-McGee Corporation
Box 11050
Midland, TX 79701

Sec. _____ Township No. _____ of Range No. _____

		<p>Mountain States Petr. Corp. Siete Federal Well No. 1 1980' FSL - 660' FFL Spud: 7/25/80 TD - 3840 4 1/2 casing to TD</p>	
			
		<p>Mountain States Petr. Corp. Siete Federal Well No. 5 2310' FSL - 990' FFL Spud: 8/7/84 TD - 3860 4 1/2 - inch casing to 3817</p>	