

# PETROLEUM DEVELOPMENT CORPORATION

90 OCT 15 AM 9 18

9720-B CANDELARIA, NE

ALBUQUERQUE, NEW MEXICO 87112

TELEPHONE (505) 293-4044

October 10, 1990

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

10/16/90

Dear Mr. LeMay:

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 P<sub>1</sub> or P<sub>2</sub> 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.

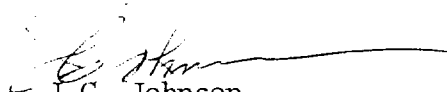
Siete San Andres Field

Siete 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

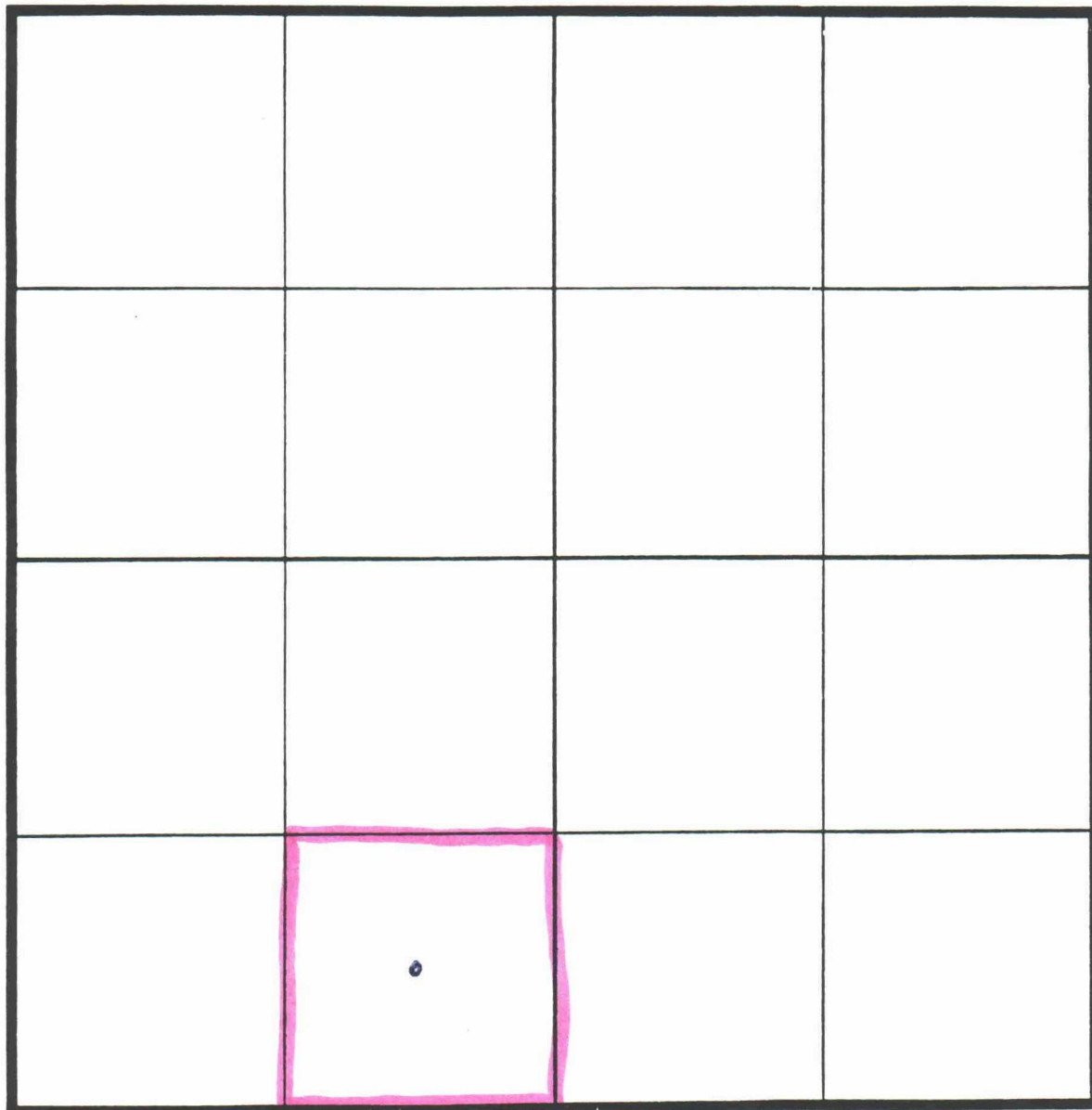
H.L. Brown, Jr.  
1400 Murray  
Midland, TX 79701

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. 25 Township No. 7 South of Range No. 31 East



JFB Enterprise  
Strange Federal Well No. 5  
660' FSL - 1980' FWL  
Spud: 7/18/80 T.D. 4305'  
5 1/2 inch casing to 4295  
San Andres perfs. - 3801-4215



CHAVES, Northeast

ROOSEVELT, South

Townships 8-32 and 8-33 are located in the NW corner of this Map

