



PETROLEUM DEVELOPMENT CORPORATION

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

March 1, 1993

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

Case 10696

RE: Rule 111, Deviation Test and
Directional Drilling

Dear Mr. LeMay:

Petroleum Development Corporation (PDC) applies for public hearing on April 8, 1993 to authorize the intentional deviation from the existing vertical hole using the following procedure:

1. Mill a 60 $\pm$ foot section in the existing 5 1/2" casing.
2. A directional survey will be run to determine the location of the kick off point.
3. Drill a 60 $\pm$ foot radii 35 $^{\circ}$ to 90 $^{\circ}$ into the P3 San Andres pay zone.
4. Horizontally drill 300 $\pm$ 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 the two 40 acre spacing tracts except the boundary joining the two 40 acre spacing tracts which the horizontal hole will cross.

PDC request permission to horizontally drill the following wells:

TOMAHAWK San Andres Field
Strange Federal #5, Unit N Section 25 T7S. R31E.
Located 660' FSL and 1980' FWL using the adjoining Unit M
Section 25, T7S. R31E to form an 80 acre spacing unit.

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

Yates Petroleum Corporation
105 South 4th
Artesia, NM 88210

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

Kerr-McGee Corporation
Box 11050
Midland, TX 79701