

Exhibits 1 through 4
Complete set

DOCKET: Examiners Hearing - Thursday - April 8, 1993

Case #10697

WATTAM FEDERAL #4

Exhibit #1	Map
Exhibit #2	Offset Operators
Exhibit #3	Horizontal Drilling Procedure
Exhibit #4	Schematic

EXHIBIT #1

Examiners Hearing - Thursday
April 8, 1993

Case #10697

WATTAM FEDERAL #4
Section 6, T8S, R31E

[illegible]

Examiners Hearing - Thursday - April 8, 1993
Case #10697

EXHIBIT #2

WATTAM FEDERAL #4
Section 6, T8S, R31E

Offset Operators:

Yates Energy Corporation
P.O. Box 2323
Roswell, NM 88202-2323

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

Docket: Examiners Hearing - Thursday, April 8, 1993

EXHIBIT #3

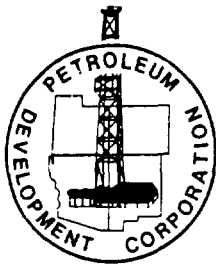
Case #10697

WATTAM FEDERAL #4

Unit H, SE/4NE/4, Section 6
T8S, R31E
CATO San Andres Field
Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

1. Set cement retainer @ 3710 feet. Cement squeeze perforations 3725' to 3837'.
2. Set packer @ 3360'. Cement squeeze perforations 3660' to 3696'.
3. Drill out cement to 3710'.
4. Mill section in 5½" casing from approximately 3635' to 3695'. Set cement plug. Drill out cement to approximately 3665'.
5. Run directional survey.
6. Kickoff cement plug at approximately 3665'.
7. Drill 60 feet radii curve to an inclination of approximately 85 to 90 degrees. Conduct surveys every 5 feet of the arc.
8. Drill laterally approximately 830 + feet in a direction of our choice, thru a vertical depth of approximately 3725' to 3764'.
9. Conduct surveys every 30 feet in the lateral.
10. A distance of 100 feet will be maintained by the horizontal hole from the boundaries of the 40 acre tract.



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

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[±] 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[±] foot radii 84[°] to 90[°] into the P2 San Andres pay zone.
4. Horizontally drill 500[±] 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 40 acre spacing tract.

PDC request permission to horizontally drill the following wells:

CATO San Andres Field

Wattam Federal #4, Unit H, Section 6, T8S, R31E.
Located 2060' FNL and 598' FEL.

CATO San Andres Field

Wattam Federal #7, Unit D, Section 6, T8S, R31E.
Located 660" FNL and 660" FWL.


Tomahawk San Anders Field

Strange Federal #4, Unit I, Section 25, T7S, R31E.

Located 1980' FSL and 660" FEL.

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

Sincerely,


J. C. Johnson
Président

Attachment

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

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

Kerr-McGee Corporation
Box 11050
Midland, TX 79701

Remuda Operating Co.
301 N. Colorado #150
Midland, TX 79701

YATES ENERGY CORPORATION
BOX 2323
ROSWELL NM 88202-2323

PS Fc

Fold at line over top of envelope to the
right of the return address

CERTIFIED

P 428 560 511

MAIL

MURPHY OPERATING CORPORA
P O BOX 2648
ROSWELL NM 88202

PS Fc

Fold at line over top of envelope to the
right of the return address

CERTIFIED

P 428 560 510

MAIL

YATES PETROLEUM CORPORATI
105 SOUTH 4th
ARTESIA NM 88210

PS Fc

Fold at line over top of envelope to the
right of the return address

CERTIFIED

P 428 560 509

MAIL

NAUMAN OIL & GAS INC
P O BOX 10159
MIDLAND TX 79702

PS Form 38

Fold at line over top of envelope to the
right of the return address

CERTIFIED

P 428 560 508

MAIL

KERR MCGEE CORPORATION
BOX 11050
MIDLAND TX 79701

PS Form 38

Fold line over top envelope
right the return address

CERTIFIED

P 428 560 507

Postmark or Date

PS Form 3800

REMUDA OPERATING CO
301 N. COLORADO #150
MIDLAND TX 79701

Fold at line over top of envelope to the
right of the return address

CERTIFIED

P 428 560 506

sent 3-10-83

P 428 560 507

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Kern - McGee Corp	
Street and No.	
Box 11050	
P.O. State and ZIP Code	
Midland Tx 79701	
Postage	\$.29
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$2.29
Postmark or Date	
MAR 10 1993	

P 428 560 511

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Yates Energy Corp	
Street and No.	
Box 2323	
P.O. State and ZIP Code	
Roswell NM 88202	
Postage	\$.29
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$2.29
Postmark or Date	
MAR 10 1993	

P 428 560 509

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Yates Petrol Corp	
Street and No.	
105 South 4th	
P.O. State and ZIP Code	
Artesia NM 88210	
Postage	\$.29
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$2.29
Postmark or Date	
MAR 10 1993	

P 428 560 508

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Nauman O & G	
Street and No.	
PO Box 10159	
P.O. State and ZIP Code	
Midland Tx 79702	
Postage	\$.29
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$2.29
Postmark or Date	
MAR 10 1993	

P 428 560 510

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Murphy Opn. Corp	
Street and No.	
PO Box 2648	
P.O. State and ZIP Code	
Roswell NM 88202	
Postage	\$.29
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$2.29
Postmark or Date	
MAR 10 1993	

P 428 560 506

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Remuda Open Co	
Street and No.	
301 N Colorado #150	
P.O. State and ZIP Code	
Midland Tx 79701	
Postage	\$.29
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$2.29
Postmark or Date	
MAR 10 1993	

PS Form 3800, June 1991

PS Form 3800, June 1991

PS Form 3800, June 1991

PS Form 3800, June 1991

PS Form 3800, June 1991

PS Form 3800, June 1991

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Remuda Operating
301 N. Colorado #180
Midland TX 79701

4a. Article Number

P 428 560 506

4b. Service Type

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

3-12-93

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

[Signature]

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Yates Petroleum
105 South 4th
Curtis A Wm 88210

4a. Article Number

P 428 560 509

4b. Service Type

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

MAR 12 1993

5. Signature (Addressee)

[Signature]

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

[Signature]

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

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I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Kern-McQueen Corp
Box 11050
Midland TX 79701

4a. Article Number

P 428 560 507

4b. Service Type

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

3-12-93

5. Signature (Addressee)

[Signature]

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

[Signature]

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I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Yates Energy Corp
Box 2323
Roswell NM
88202-2323

4a. Article Number

P428 560 511

4b. Service Type

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

MAR 15 1993
8:201

5. Signature (Addressee)

6. Signature (Agent)

Remelda Burch

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Nauman B & C Inc
PO Box 10159
Midland TX 79702

4a. Article Number

P428 560 508

4b. Service Type

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

MAR 15 1993

5. Signature (Addressee)

Melinda Nauman

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

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I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Murphy Operating
PO Box 2648
Roswell NM 88202

4a. Article Number

P428 560 510

4b. Service Type

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

MAR 15 1993

5. Signature (Addressee)

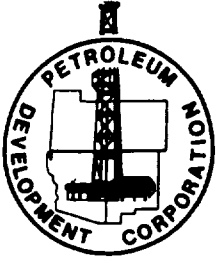
Alisha Hudson

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

DOMESTIC RETURN RECEIPT



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

To Be Amended
WATER HOLE
10697

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[±] 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[±] foot radii 84° to 90° into the P2 San Andres pay zone.
4. Horizontally drill 400[±] 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'}~~330~~ feet from any boundary of the 40 acre spacing tract.

PDC request permission to horizontally drill the following wells:

CATO San Andres Field

Wattam Federal #4, Unit H, Section 6, T8S, R31E.
Located 2060' FNL and 598' FEL.

CATO San Andres Field

Wattam Federal #7, Unit D, Section 6, T8S, R31E.
Located 660" FNL and 660" FWL.

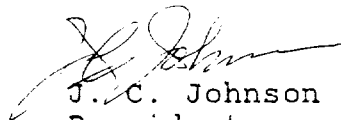
Tomahawk San Anders Field

Strange Federal #4, Unit I, Section 25, T7S, R31E.

Located 1980' FSL and 660" FEL.

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

Sincerely,


J.C. Johnson
President

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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

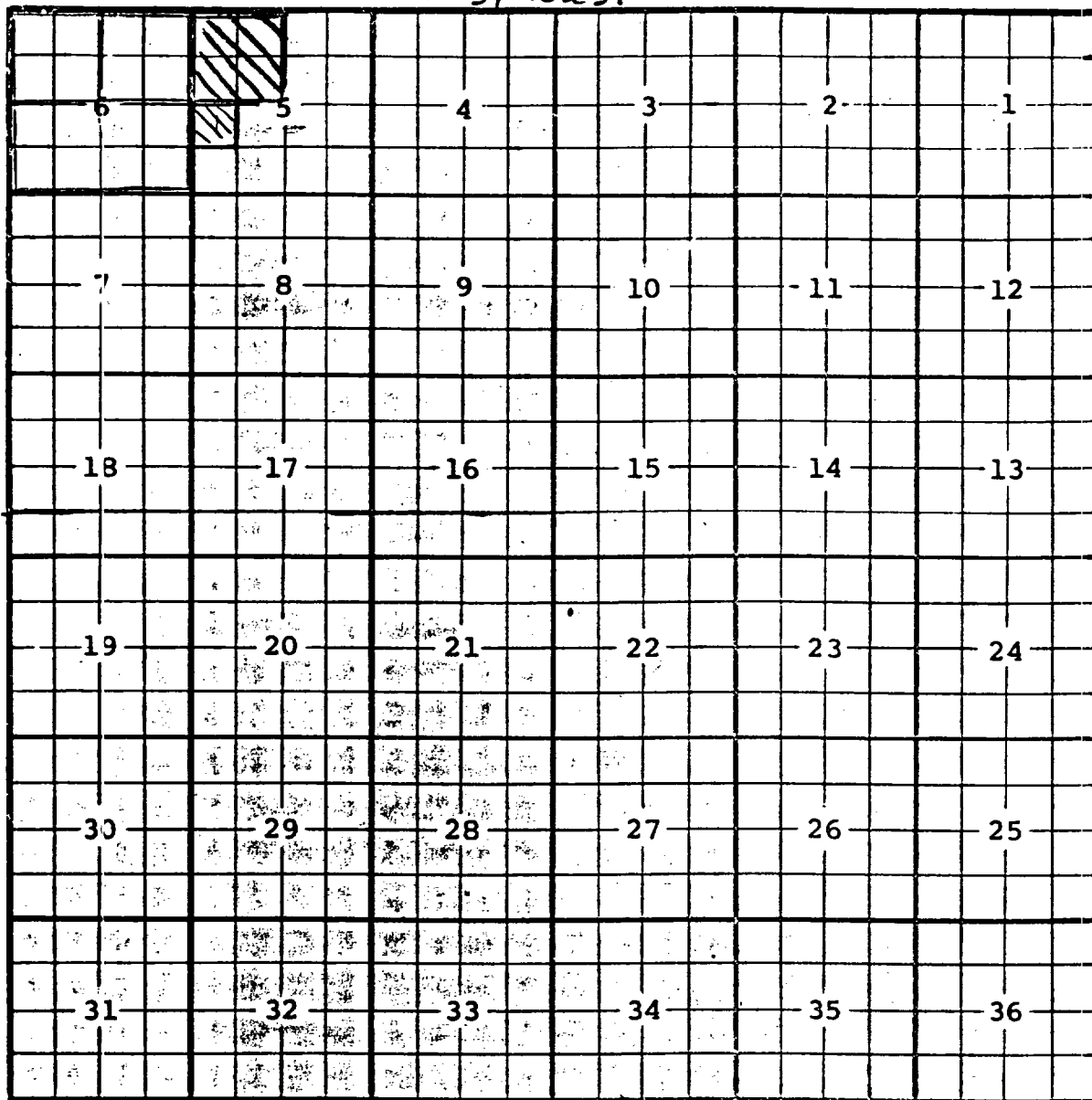
Nauman Oil And Gas, Inc.
P. O. Box 10159
Midland, TX 79702

Kerr-McGee Corporation
Box 11050
Midland, TX 79701

Remuda Operating Co.
301 N. Colorado #150
Midland, TX 79701

COUNTY ChavesPOOL Cato-San AndresTOWNSHIP 8 SouthRANGE 31 East

NMFM

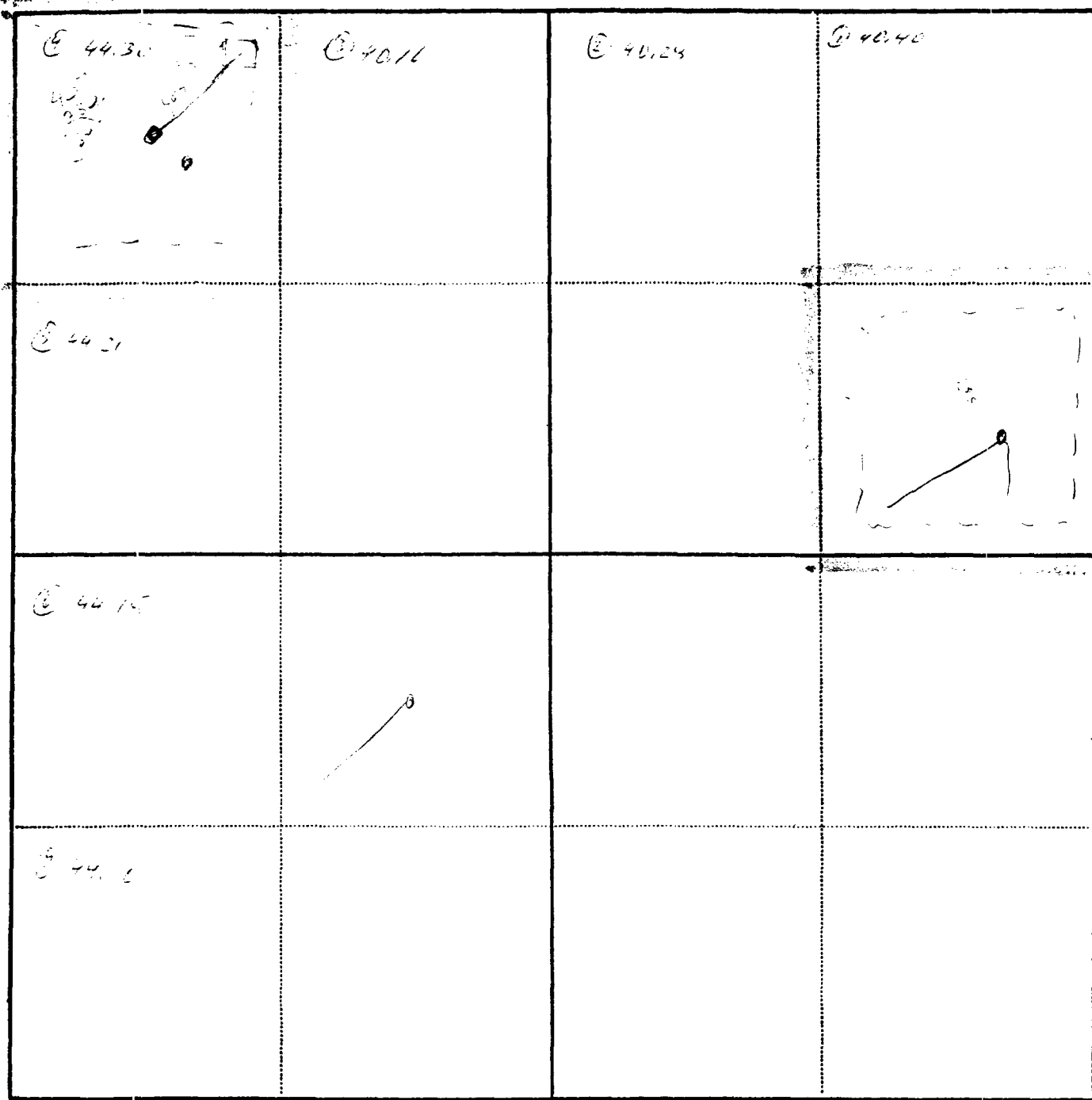


Ext: $\frac{5}{2} \frac{NE}{4}$ Sec 6 (R-5361, 3-1-77) Ext: $\frac{NW}{4}$ Sec 6 (R-5456, 7-1-77)

Ext: $\frac{NW}{4}$ Sec 5 (R-5667, 4-1-78)

Ext: NW/4 SW/4 Sec. 5 (R-5982, 4-1-79) DELETION: NW/4 Sec. 5 (R-6328, 5-1-80)

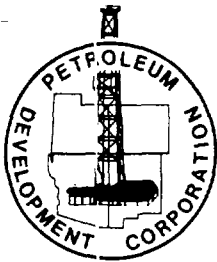
Contr. NW/4 SW/4 sec 5 (R-6724, 7-16-81)



ILLEGIBLE

LEA, No

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



PETROLEUM DEVELOPMENT CORPORATION

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

March 1, 1993

Case 10697

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

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⁺ foot section in the existing 5 1/2" casing.
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3. Drill a 60⁺ foot radii 84° to 90° into the P2 San Andres pay zone.
4. Horizontally drill 500⁺ feet into the pay zone.
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PDC request permission to horizontally drill the following wells:

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Wattam Federal #4, Unit H, Section 6, T8S, R31E.
Located 2060' FNL and 598' FEL.

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Wattam Federal #7, Unit D, Section 6, T8S, R31E.
Located 660" FNL and 660" FWL.


Tomahawk San Anders Field

Strange Federal #4, Unit I, Section 25, T7S, R31E.

Located 1980' FSL and 660" FEL.

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

Sincerely,


J. C. Johnson
President

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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

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

Kerr-McGee Corporation
Box 11050
Midland, TX 79701

Remuda Operating Co.
301 N. Colorado #150
Midland, TX 79701

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 10697
Order No. R-9877

APPLICATION OF PETROLEUM DEVELOPMENT
CORPORATION FOR A HORIZONTAL/HIGH ANGLE
DIRECTIONAL DRILLING PILOT PROJECT AND
FOR SPECIAL OPERATING RULES THEREFOR,
CHAVES COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on April 8, 1993, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this _____ day of April, 1993, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) Division Case Nos. 10697 and 10698 were consolidated at the time of the hearing for the purpose of testimony.

(3) The applicant, Petroleum Development Corporation, seeks authority to initiate a short radius high angle/horizontal directional drilling pilot project in the Cato-San Andres Pool underlying the SE/4 NE/4 of Section 6, Township 8 South, Range 31 East, NMPM, Chaves County, New Mexico, being a standard 40-acre oil spacing and proration unit for said pool.

(4) The applicant further seeks authority to re-enter and horizontally drill the previously plugged and abandoned Exxon Corporation Wattam Federal Well No. 4 located at a standard surface location 2060 feet from the North line and 598 feet from the East line (Unit H) of Section 6, in the following unconventional manner:

Squeeze perforations from 3,725 feet to 3,837 feet and 3,660 feet to 3,696 feet, mill casing from approximately 3,635 feet to 3,695 feet, set cement plug and kick off from the vertical at a depth of approximately 3,665 feet and drill in an undetermined direction building angle to approximately 85 degrees so as to penetrate the top of the producing interval within the San Andres formation at a true vertical depth of approximately 3,725 feet. Continue drilling horizontally an undetermined distance at such an angle so as to bottom said wellbore at the base of the producing interval within the San Andres formation at a true vertical depth of approximately 3,764 feet.

(5) The applicant further seeks the adoption of special operating provisions and rules within the pilot project area including the designation of a prescribed area limiting the horizontal or producing portion of the wellbore such that it can be no closer than 100 feet from the outer boundary of the SE/4 NE/4 of Section 6.

(6) The proposed well is located within the Cato-San Andres Pool which is currently governed by Statewide Rules and Regulations which require standard 40-acre spacing and proration units with wells to be located no closer than 330 feet from the outer boundary of the spacing unit, a standard oil allowable of 80 barrels of oil per day, and a limiting gas-oil ratio of 2,000 cubic feet of gas per barrel of oil.

(7) Through its evidence and testimony, the applicant demonstrated that the proposed high angle wellbore, which is experimental in nature, should encounter a substantially greater number of natural fractures within the San Andres formation than would a conventional wellbore, which should substantially increase the productivity of the subject well and which should ultimately result in the recovery of a greater amount of oil and gas from the proposed project area, thereby preventing waste.

(8) No offset operator and/or interest owner appeared at the hearing in opposition to the application.

(9) In the interest of conservation and prevention of waste, the application of Petroleum Development Corporation for a high angle/horizontal directional drilling project should be approved.

(10) According to applicant's evidence, the proposed 100 foot setback from the outer boundary of the project area will allow the flexibility to determine the direction of the proposed horizontal wellbore, and will also allow the flexibility to extend the wellbore the maximum distance.

(11) The applicant should be required to determine the actual

location of the kick-off point prior to commencing directional drilling operations. Also, the applicant should be required to conduct a directional survey on the lateral portion of the wellbore during or after completion of drilling operations.

(12) The applicant should notify the supervisor of the Hobbs district office of the Division of the date and time of conductance of any directional surveys in order that the same may be witnessed.

(13) The applicant should be required to submit copies of all directional surveys conducted on the subject well to both the Santa Fe and Hobbs offices of the Division.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Petroleum Development Corporation, is hereby authorized to initiate a short radius high angle/horizontal directional drilling pilot project in the Cato-San Andres Pool underlying the SE/4 NE/4 of Section 6, Township 8 South, Range 31 East, NMPM, Chaves County, New Mexico, being a standard 40-acre oil spacing and proration unit for said pool.

(2) The applicant is further authorized to re-enter and horizontally drill the previously plugged and abandoned Exxon Corporation Wattam Federal Well No. 4 located at a standard surface location 2060 feet from the North line and 598 feet from the East line (Unit H) of Section 6, in the following unconventional manner:

Squeeze perforations from 3,725 feet to 3,837 feet and 3,660 feet to 3,696 feet, mill casing from approximately 3,635 feet to 3,695 feet, set cement plug and kick off from the vertical at a depth of approximately 3,665 feet and drill in an undetermined direction building angle to approximately 85 degrees so as to penetrate the top of the producing interval within the San Andres formation at a true vertical depth of approximately 3,725 feet. Continue drilling horizontally an undetermined distance at such an angle so as to bottom said wellbore at the base of the producing interval within the San Andres formation at a true vertical depth of approximately 3,764 feet.

(3) The horizontal or producing portion of the wellbore shall be located no closer than 100 feet from the outer boundary of the SE/4 NE/4 of Section 6.

(4) The applicant shall determine the actual location of the kick-off point prior to commencing directional drilling operations. Also, the applicant shall conduct a directional survey on the lateral portion of the wellbore during or after completion of drilling operations.

(5) The applicant shall notify the supervisor of the Hobbs district office of the Division of the date and time of conductance of any directional surveys in order that the same may be witnessed.

(6) The applicant shall submit copies of all directional surveys conducted on the subject well to both the Santa Fe and Hobbs offices of the Division.

(7) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY
Director

S E A L