

Exhibits 1 through 4
Complete Set

DOCKET: Examiners Hearing - Wednesday - November 14, 1990

CASE # 10163

WATTAM FEDERAL #6

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

EXHIBIT #1

Examiners Hearing-November 14, 1990

CASE #10163

WATTAM FEDERAL #6

Section 7, T8S, R31E

Chaves County, New Mexico

704-704
Atlantic

16 00 Grynberg-red.
SIEFE, E.

Min. Dev. Co.
Phillips-Fed.
TD 4000

63753 95
OIL CONSERVATION DIVISION

Examiners Hearing - Wenesday - November 14, 1990
CASE #10163

EXHIBIT #2

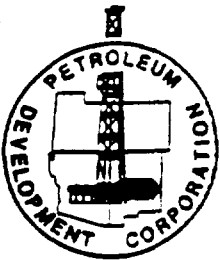
WATTAM FEDERAL #6
Section 7, T8S, R31E

Offset Operators:

Yates Energy Corporation
Box 2323
Roswell, NM 88202-2323

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

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION
EXHIBIT # <u>2</u>
CASE # <u>10163</u>



PETROLEUM DEVELOPMENT CORPORATION

9720-8 CANDELARIA, NE
ALBUQUERQUE, NEW MEXICO 87112
TELEPHONE (505) 293-4044

October 11, 1990

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

Gentlemen:

Enclosed is a copy of Petroleum Development Corporation's application for Public Hearing before the Oil Conservation Commission of New Mexico 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, F31E. 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.

If you have no objections to this proposal please sign one copy and return the copy to this office.

Sincerely,

Accepted this _____ day of _____, 1990.

J.C. Johnson
President

By: _____

Enclosure

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:

MURPHY OPERATION CORPORATION
P O BOX 2648
ROSWELL NM 88202

4. Article Number

P 084 963 961

Type of Service:

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

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee

X

6. Signature — Agent

X

7. Date of Delivery

10-16-90

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

PS Form 3811, Apr. 1989

★ U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

P 084 963 961

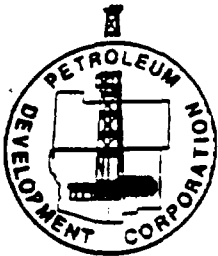
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sender MURPHY OPERATION CORP	
P.O. BOX 2648	
ROSWELL NM 88202	
P.O., State and ZIP Code	
Postage	\$ 1.45
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	90
Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	2.30
Postmark or Date	10-16-90

PS Form 3800, June 1985



PETROLEUM DEVELOPMENT CORPORATION

9720-8 CANDELARIA, NE
ALBUQUERQUE, NEW MEXICO 87112
TELEPHONE (505) 293-4044

October 11, 1990

Yates Energy Corporation
Box 2523
Roswell, NM 88020-2523

Gentlemen:

Enclosed is a copy of Petroleum Development Corporation's application for Public Hearing before the Oil Conservation Commission of New Mexico to horizontally drill the following wells:

CATO San Andres Field

Wattam Federal #5 Unit F, Section 6, T8S, R31E. Located 1980' FNL and 1980' FWL.

CATO San Andres Field

Wattam Federal #6 Unit A, Section 7, T8S, F31E. 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.

If you have no objections to this proposal please sign one copy and return the copy to this office.

Sincerely,

Accepted this _____ day of _____, 1990.

J.C. Joimson
President

By: _____

Enclosure

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery
(Extra charge) (Extra charge)

3. Article Addressed to:

YATES ENERGY CORPORATION
BOX 2323
ROSWELL NM 88202-2323

4. Article Number

P 084 963 962

Type of Service:

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

Always obtain signature of addressee
or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

Mauri Sanders

7. Date of Delivery

10/12/90

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

PS Form 3811, Apr. 1989

★ U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

P 084 963 962

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to YATES ENERGY CORPORATION	
Street and No. BOX 2323	
Post Office and ZIP Code ROSWELL NM 88202-2323	
Postage	\$ 25
Certified Fee	55
Special Delivery Fee	
Restricted Delivery Fee	90
Return Receipt showing to whom and Date Delivered	
Return Receipt showing Date and Address	
TOTAL Postage and Fees	200
Postmark or Date	

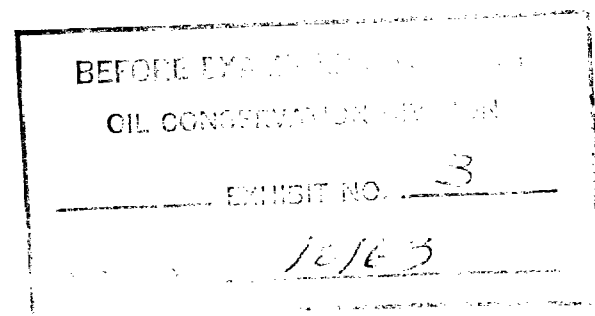
PS Form 3800, June 1985

WATTAM FEDERAL #6

Unit A, NE/4 NE/4, Section 7
T8S R31E
Cato San Andres Field
Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

1. Drill cement plug @ surface, 400 feet, and 1371 feet.
2. Drill out CIBP @ 3546 feet.
3. Set CIBP @ 3704 feet.
4. Squeeze perforations 3642 feet - 3682 feet. Drill out cement.
5. Mill section in 5½" casing from approximately 3672 feet to 3702 feet.
6. Set cement plug. Drill out cement to approximately 3677 feet.
7. Run directional survey.
8. Utilize gyro survey to orient tools in a southeasterly direction.
9. Kickoff cement plug at approximately 3677 feet.
10. Drill 40 feet radii curve to an inclination of approximately 75 to 85 degrees.
11. Conduct approximately 6 surveys of curve using single shot inclinometer.
12. Drill laterally approximately 275 feet thru a vertical depth of approximately 3718 feet to 3753 feet.
13. Conduct two surveys in lateral, one being an end of hole survey.



Examiner Hearing November 14, 1990
CASE # 10163

WATTAM FEDERAL #6
NE/4 NE/4 Section 7
T8S, R31E
Chaves County, New Mexico

EXHIBIT #4

