

## DISTRICT I

P.O. Box 1180, Hobbs, NM 88241-0180

## DISTRICT II

811 South First St. Artesia, NM 88210-2935

## DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410-1693

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6426Form C-107-A  
New 3-12-96

## APPROVAL PROCESS

☒ Administrative ☐ Hearing

## EXISTING WELLBORE

☒ YES ☐ NO

## APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

10 Desta Dr. Ste 100W Midland, Tx. 79705-4500

Omler A

#2E

Section 35, T-28-N, R-10-W, D

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO 005073

Property Code

API NO

30-045-24116

Spacing Unit Lease Types (check 1 or more)

Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling	Upper Zone	Intermediate Zone	Lower Zone
1 Pool Name and Pool Code	Otero Chacra 82329		Basin Dakota 71599
2 TOP and Bottom of Pay Section (Perforations)	2996-3014'		6306-6446'
3 Type of production (Oil or Gas)	Gas		Gas
4 Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5 Bottomhole Pressure	a (Current)		
Oil Zones - Artificial Lift Estimated Current	533		565
Gas & Oil - Flowing Measured Current	b (Original)		
All Gas Zones Estimated Or Measured Original	681		2205
6 Oil Gravity (°API) or Gas BT Content	1150		1200
7 Producing or Shut In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date and oil/gas/water rates of last production	Date Rates	Date Rates	Date Rates
• If Producing date and oil/gas/water rates of recent test (within 60 days)	Date Rates 3-15-98 23 MCFD, 0 BOPD, 0.9 BWPD	Date Rates	Date Rates 3-15-98 42 MCFD, 0.07 BOPD, 0.4 BWPD
8 Fixed Percentage Allocation Formula - % for each zone	1 % Gas 41 %		99 % Gas 59 %

9 If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data

10 Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ NoIf not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ NoHave all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No11 Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)12 Are all produced fluids from all commingled zones compatible with each others ☒ Yes ☐ No13 Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)14 If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15 NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) \_\_\_\_\_

## 16 ATTACHMENTS

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication
- Production curve for each zone for at least one year (If not available, attach explanation)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of all offset operators.
- Notification list of working, overriding and royalty interests for uncommon interest cases
- Any additional statements, data, or documents required to support commingling

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE

Kay Maddox

TITLE Regulatory Agent

DATE

4/27/98

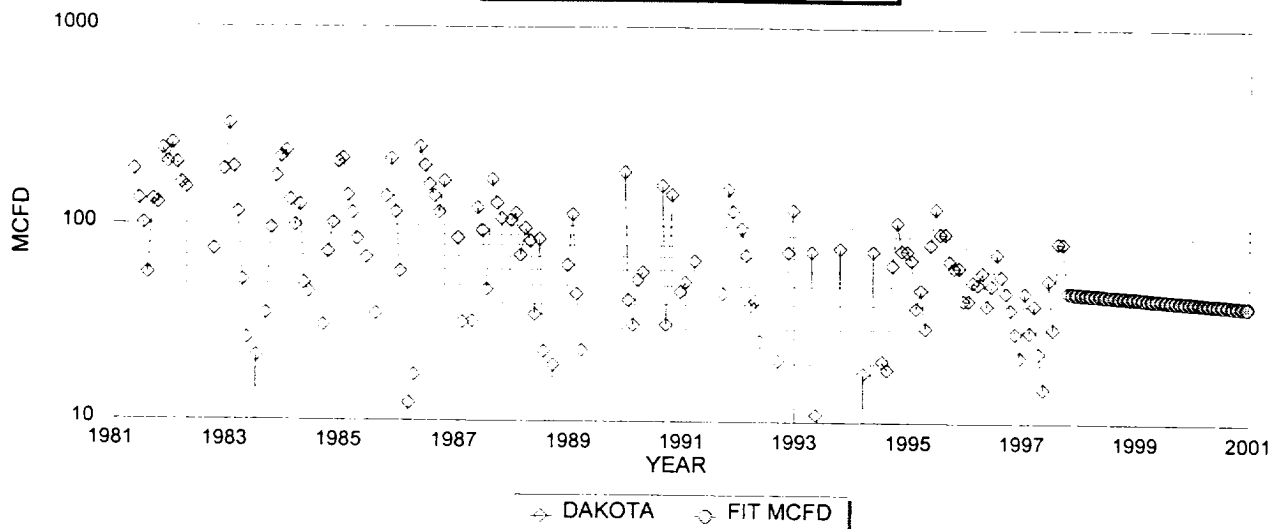
TYPE OR PRINT NAME

Kay Maddox

TELEPHONE NO. (915)

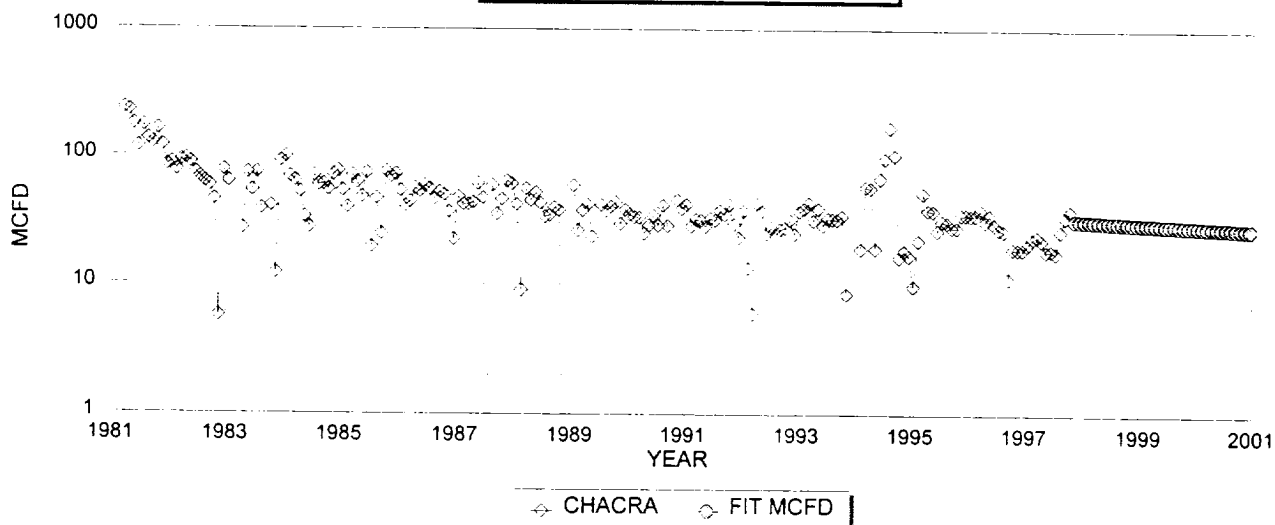
686-5798

**OMLER A #2E DAKOTA PRODUCTION**  
SECTION 35D-28N-10W



DAKOTA HISTORICAL DATA:		1ST PROD: 05/81	DAKOTA PROJECTED DATA	
OIL CUM:	2.96	MBO	1/1/98 Qi:	46 MCFD
GAS CUM:	387.7	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)
OIL YIELD:	0.0076	BBL/MCF		0.35 BOPD

**OMLER A #2E CHACRA PRODUCTION**  
SECTION 35D-28N-10W



CHACRA HISTORICAL DATA		1ST PROD: 03/81	CHACRA PROJECTED DATA	
OIL CUM:	0.0	MBO	1/1/98 Qi:	32 MCFD
GAS CUM:	280.2	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)
OIL YIELD:	0.0001	BBL/MCF		0.00 BOPD

**FIXED COMMINGLE ALLOCATION FACTORS:**

	GAS	OIL	GAS ALLOCATION BASED ON PROJECTED 1998 RATES	
DAKOTA	59%	99%	OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS	
CHACRA	41%	1%		

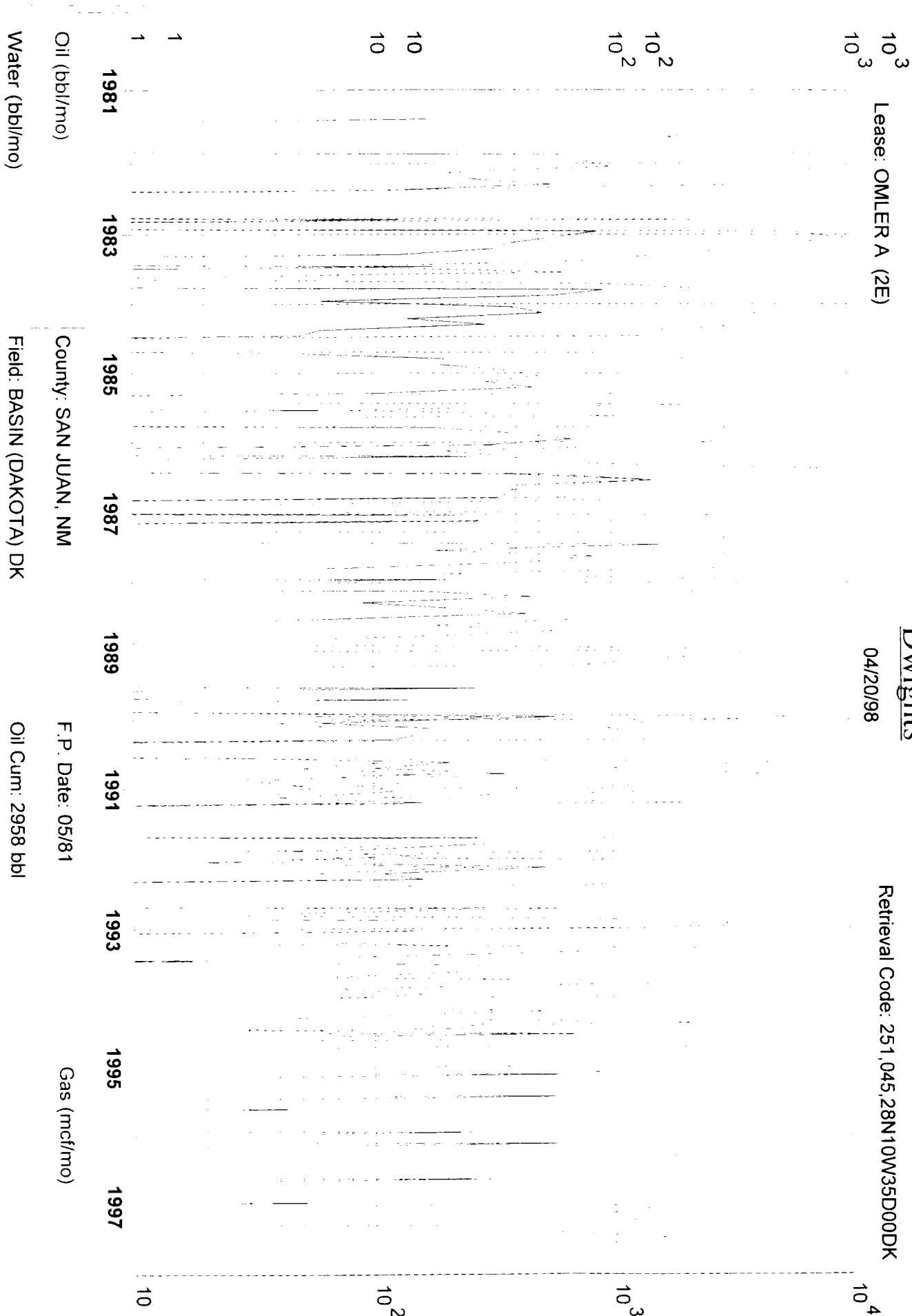
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGY DATA

Dwights

Lease: OMLER A (2E)

04/20/98

Retrieval Code: 251,045,28N10W35D00DK



Oil (bbl/mo)

Water (bbl/mo)

County: SAN JUAN, NM

Field: BASIN (DAKOTA) DK

Reservoir: DAKOTA

F.P. Date: 05/81

Oil Cum: 2958 bbl

Gas Cum: 387.7 mmcf

Operator: AMOCO PRODUCTION CO

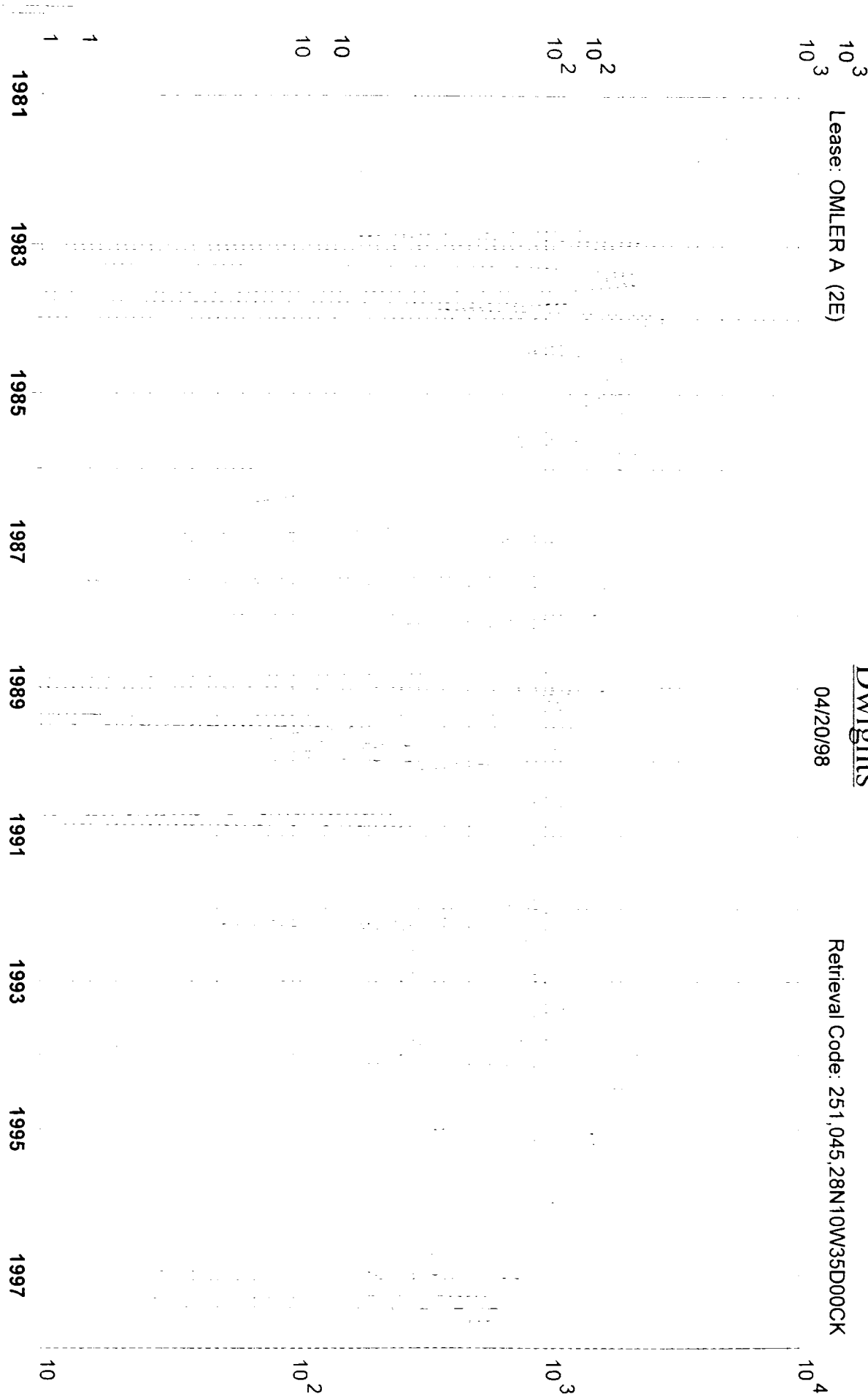
Location: 35D 28N 10W

Dwights

Lease: OMLER A (2E)

04/20/98

Retrieval Code: 251,045,28N10W35D00CK



Oil (bbl/mo)

Water (bbl/mo)

County: SAN JUAN, NM

Field: OTERO (CHACRA) CK

Reservoir: CHACRA

F.P. Date: 03/81

Oil Cum: 17 bbl

Gas Cum: 280.2 mmcf

Operator: AMOCO PRODUCTION CO

Location: 35D 28N 10W

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-24116	2 Pool Code 82329	3 Pool Name Otero Chacra
4 Property Code	5 Property Name Olmer A	6 Well Number # 2E
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 5879'

#### 10 Surface Location

UL or lot no D	Section	Township 28N	Range 10W	Lot Idn	Feet from the 890	North/South line North	Feet from the 890	East/West line Wesr	County San Juan
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#### 11 Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

6 890' 890'			

#### 17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Kay Maddox*  
Signature  
Kay Maddox

Printed Name  
Regulatory Agent

Title  
4/20/98

Date

#### 18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

# IL CONSERVATION DIVISIO

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

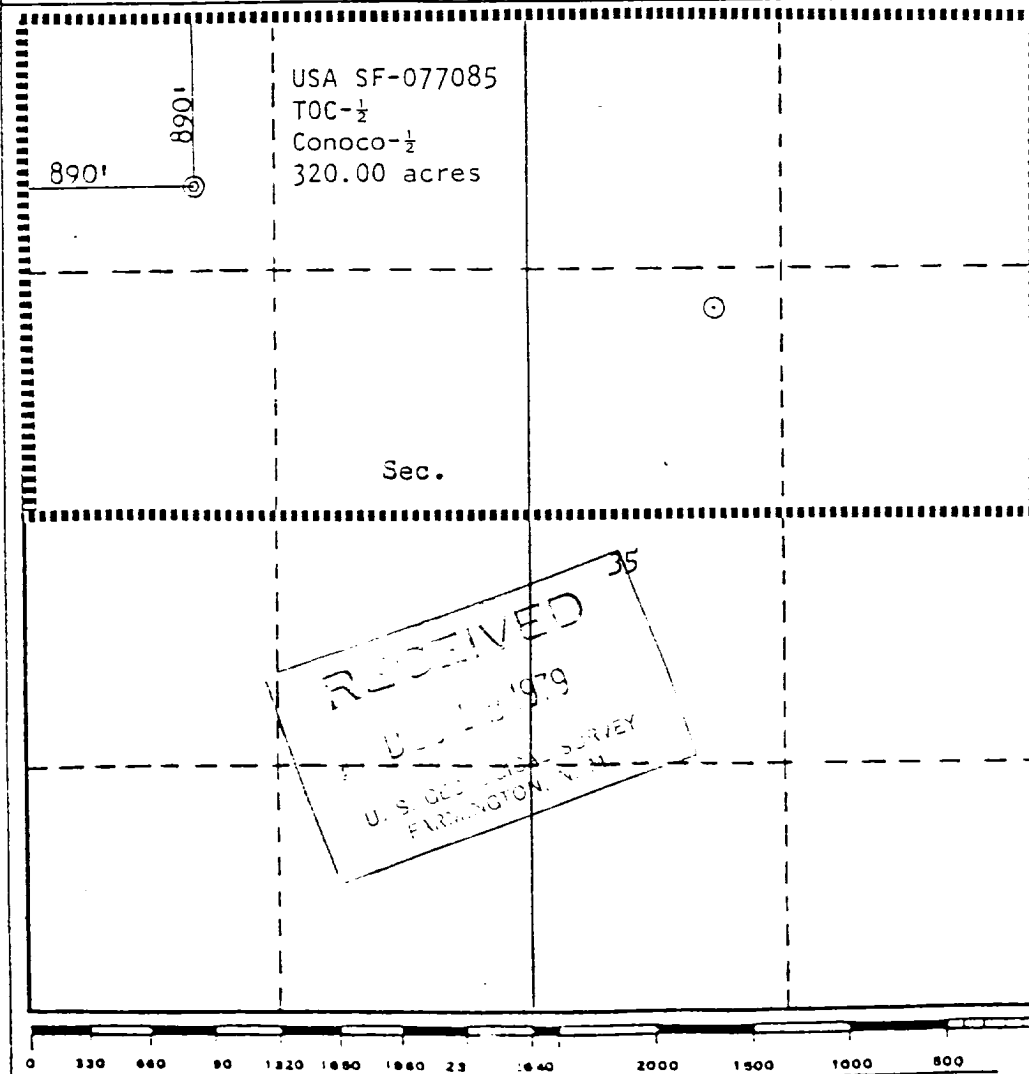
Operator <b>TENNECO OIL COMPANY</b>			Lease <b>OMLER "A"</b>		Well No. <b>2-E</b>
Unit Letter <b>D</b>	Section <b>35</b>	Township <b>28N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>890</b> feet from the <b>North</b> line and <b>890</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5879</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320.00</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*[Signature]*  
Name  
Staff Production Analyst  
Position  
Tenneco Oil Company  
Company  
12-7-79  
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: *[Signature]*  
Registered Professional Engineer and/or Land Surveyor  
Certificate No. **3950**

ADMN 54341

April 27, 1998

Omler A #2E  
Section 35, T-28-N, R-10-W, D  
San Juan County, New Mexico  
API # 30-045-24116

RE: Application to Downhole Commingle C-107A

**Offset Operators:**

Amoco  
PO Box 800  
Denver, CO 80201

Burlington Resources  
PO Box 4289  
Farmington, New Mexico 87499

Breck Operating Co.  
PO Box 911  
Breckenridge, TX 76024-0911

Redwolf Production Inc  
PO Box 356  
Farmington, New Mexico 87499

Koch Exploration Co.  
PO Box 2256  
Wichita, KS 67201

Kukui Operating Co,  
1415 Louisiana STE 3650  
Wedge Intl Tower  
Houston, TX 77002

Universal Resources Corp.  
1331 17<sup>th</sup> STE 300  
Denver, CO 80202