

DISTRICT I

(1) Box 1350, Hobbs, NM 88240-0135

DISTRICT II

911 South First St. Artes, NM 88210-2935

DISTRICT III

1000 Rio Brazos Rd. Artes, NM 87412-1593

State of New Mexico
Energy Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form 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

#1E

Section 26, T-28-N, R-10-W, F

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

Spacing Unit Lease Types (check 1 or more)

OGRID NO 005073

Property Code

API NO

30-045-24207

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)	2835-2948'		6234-6403'
3 Type of production (Oil or Gas)	Gas		Gas
4 Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5 Bottomhole Pressure	a (Current) 532		564
Oil Zones - Artificial Lift Gas & Oil - Flowing All Gas Zones Estimated Current Measured Current Estimated or Measured Original	b (Original) 679	b	b 2202
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 90 days)	Date Rates 3-15-98 39 MCFD, 0.3 BOPD, 0.6 BWPD	Date Rates	Date Rates 3-15-98 28 MCFD, 0 BOPD, 0 BWPD
8 Fixed Percentage Allocation Formula for each zone	21 Gas 58		79 Gas 42

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 ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No

11 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 ☐ No

13 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 NMOC 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

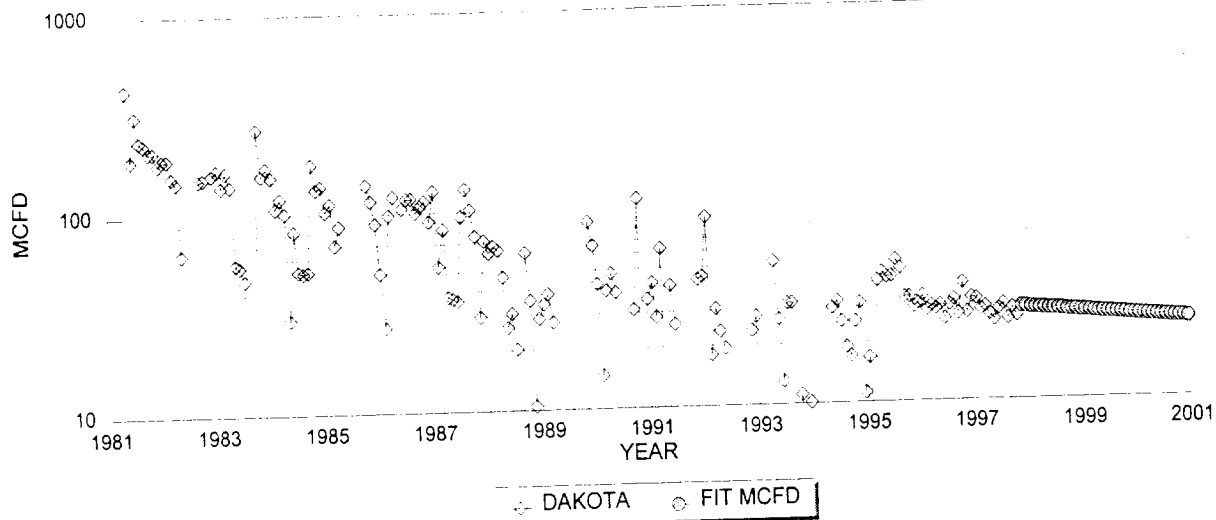
TYPE OR PRINT NAME

Kay Maddox

TELEPHONE NO.

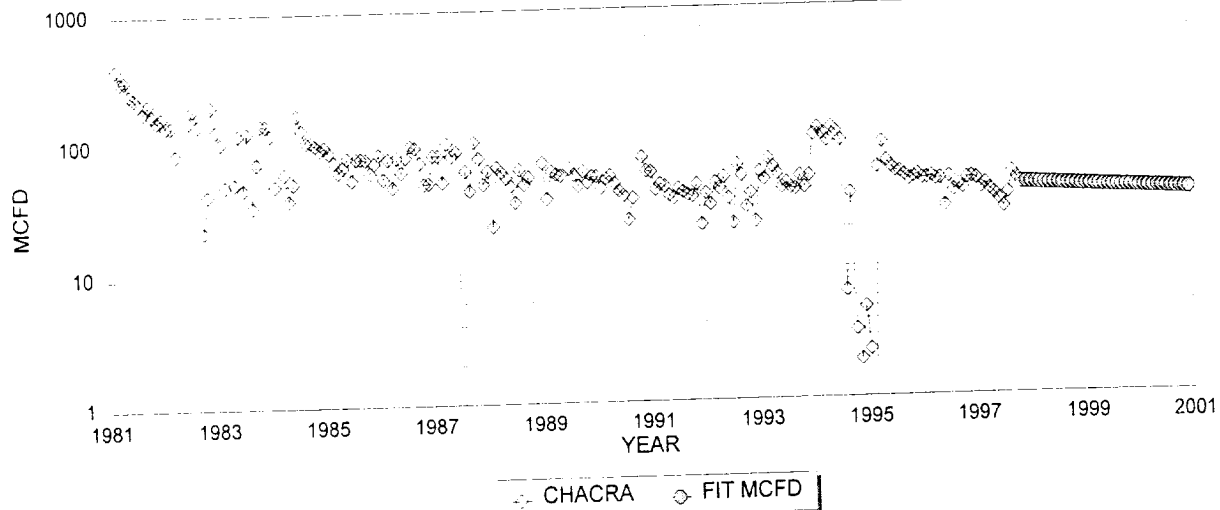
(915) 686-5798

**OMLER A #1E DAKOTA PRODUCTION
SECTION 26F-28N-10W**



DAKOTA HISTORICAL DATA:	1ST PROD: 05/81	DAKOTA PROJECTED DATA	
OIL CUM:	2.48 MBO	1/1/98 Qi:	29 MCFD
GAS CUM:	348.8 MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)
OIL YIELD:	0.0071 BBL/MCF		0.21 BOPD

**OMLER A #1E CHACRA PRODUCTION
SECTION 26F-28N-10W**



CHACRA HISTORICAL DATA	1ST PROD: 03/81	CHACRA PROJECTED DATA	
OIL CUM:	0.6 MBO	1/1/98 Qi:	40 MCFD
GAS CUM:	413.1 MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)
OIL YIELD:	0.0013 BBL/MCF		0.05 BOPD

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL	GAS ALLOCATION BASED ON PROJECTED 1998 RATES
DAKOTA	42%	79%	OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS
CHACRA	58%	21%	

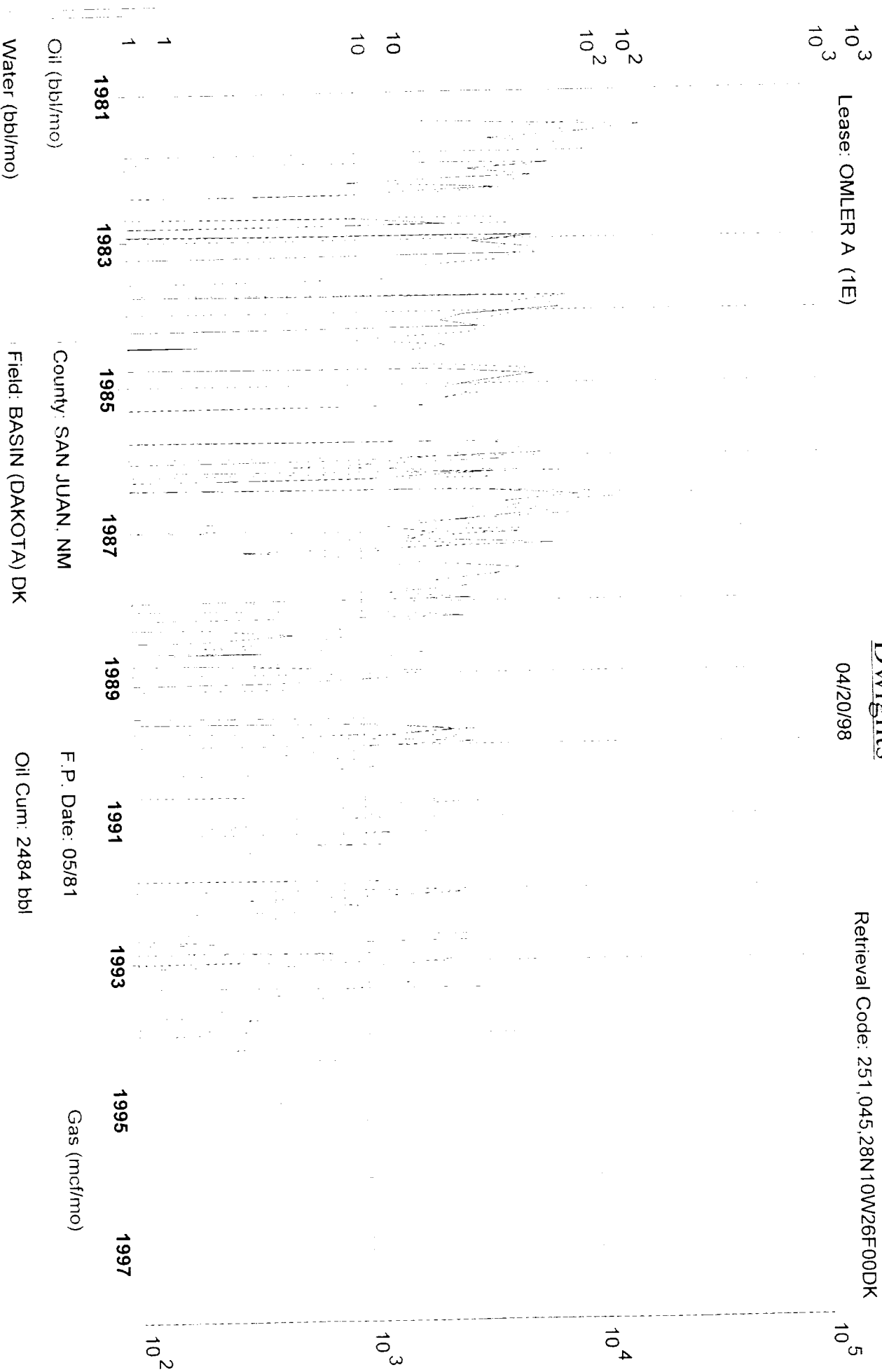
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGY DATA

Dwights

04/20/98

Retrieval Code: 251,045,28N10W26F00DK

Lease: OMLER A (1E)



Oil (bbl/mo)

Water (bbl/mo)

County: SAN JUAN, NM

Field: BASIN (DAKOTA) DK

Reservoir: DAKOTA

Operator: AMOCO PRODUCTION CO

F.P. Date: 05/81

Oil Cum: 2484 bbl

Gas Cum: 348.8 mcf

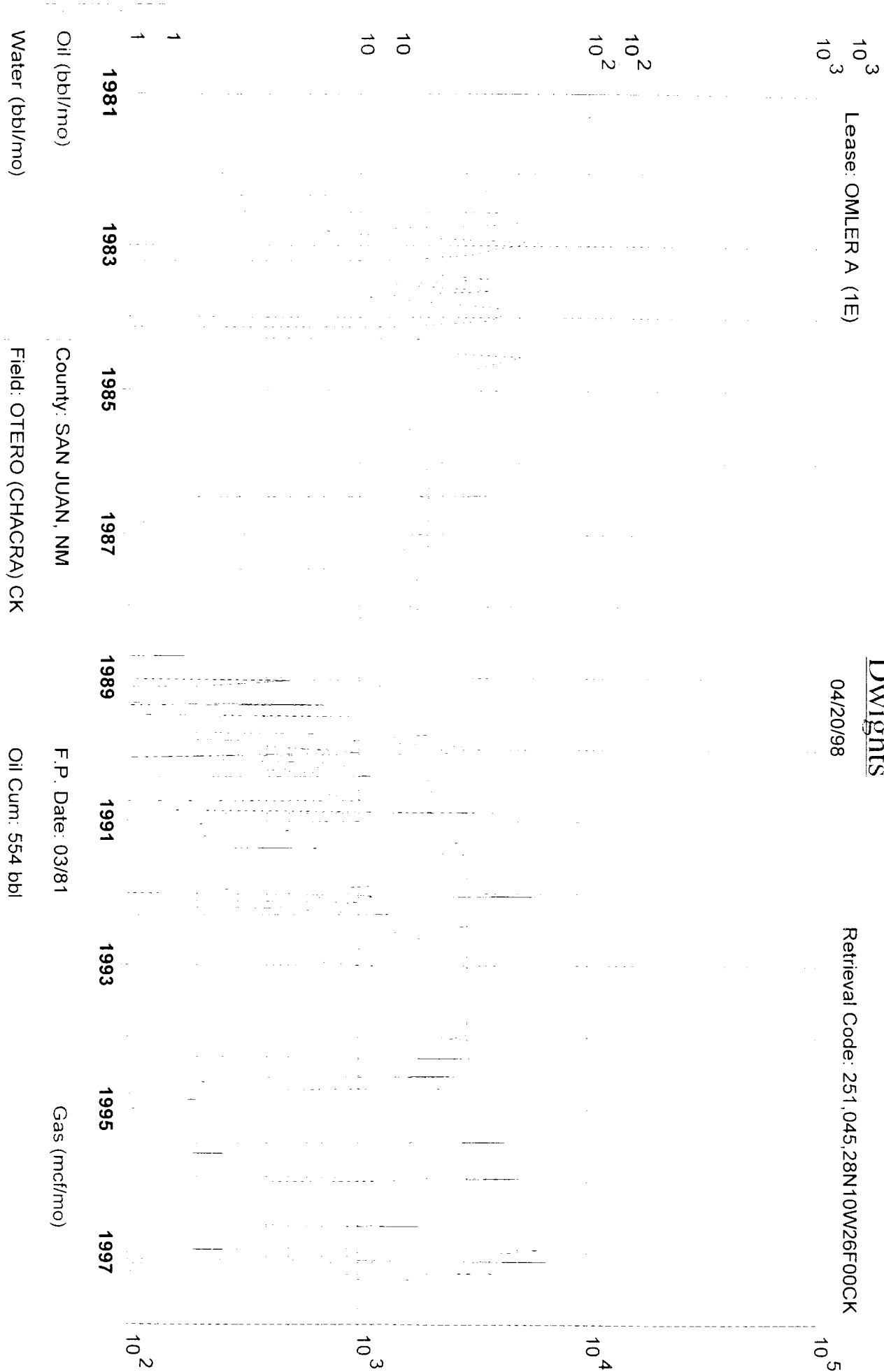
Location: 26F 28N 10W

Dwights

Lease: OMLER A (1E)

04/20/98

Retrieval Code: 251,045,28N10W26F00CK



Oil (bbl/mo)

Water (bbl/mo)

County: SAN JUAN, NM

Field: OTERO (CHACRA) CK

Reservoir: CHACRA

Operator: AMOCO PRODUCTION CO

F.P. Date: 03/81

Oil Cum: 554 bbl

Gas Cum: 413.1 mmcf

Location: 26F 28N 10W

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-24207		2 Pool Code 82329		3 Pool Name Otero Chacra	
4 Property Code		5 Property Name Olmer A		6 Well Number # 1E	
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 5787'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	26	28N	10W		1830	North	1590	West	San Juan

11 Bottom Hole Location If Different From Surface

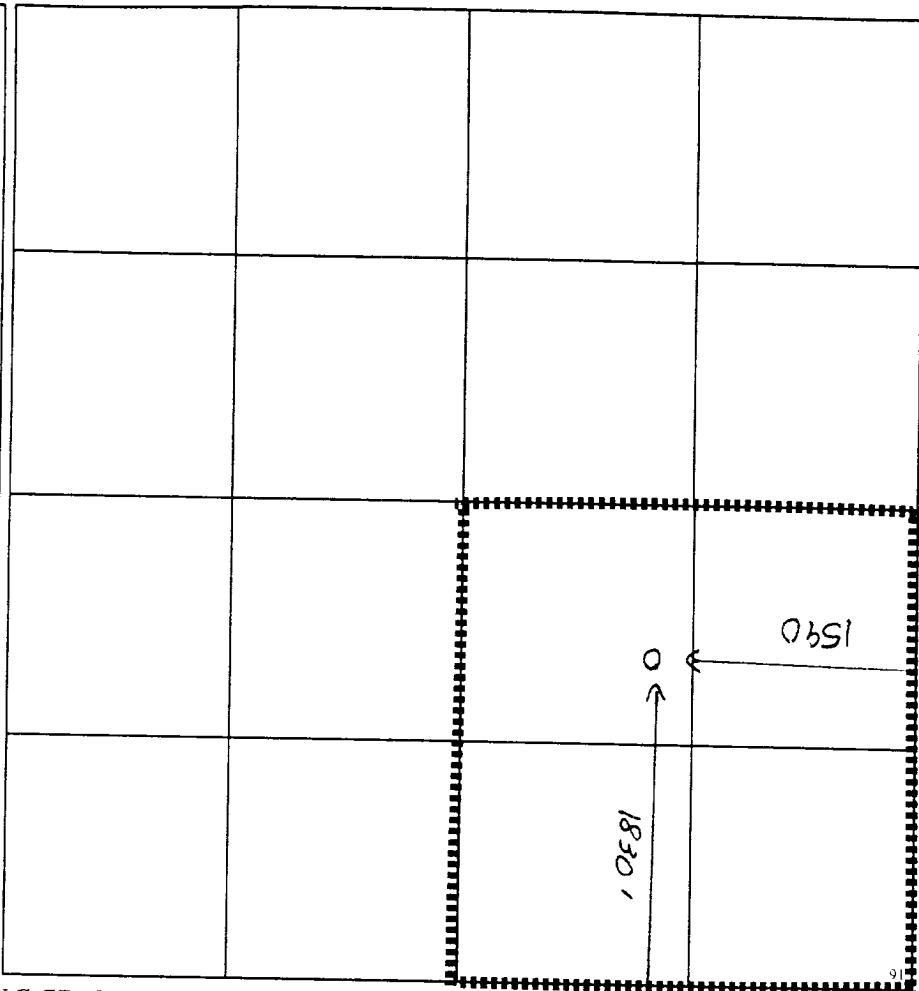
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres
160

14 Consolidation Code

15 Order No.

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



17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.		Signature Kay Maddox	
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 4/20/98	
Printed Name Kay Maddox		Regulatory Agent	
Date 4/20/98		Title	
Signature and Seal of Professional Surveyor		Certificate Number	

OIL CONSERVATION DIVISION

P. O. BOX 2044

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

TENNECO OIL COMPANY		Lease		Well No.	
Section	Township	Range	County		
26	28N	10W	San Juan	1-E	
Footage Location of Well:					
30	feet from the North	line and	1590	feet from the West	line
Level Elev.	Producing Formation	Pool	Dedicated Acreage:		
87	Dakota	Basin Dakota	N 320 Acres		

Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

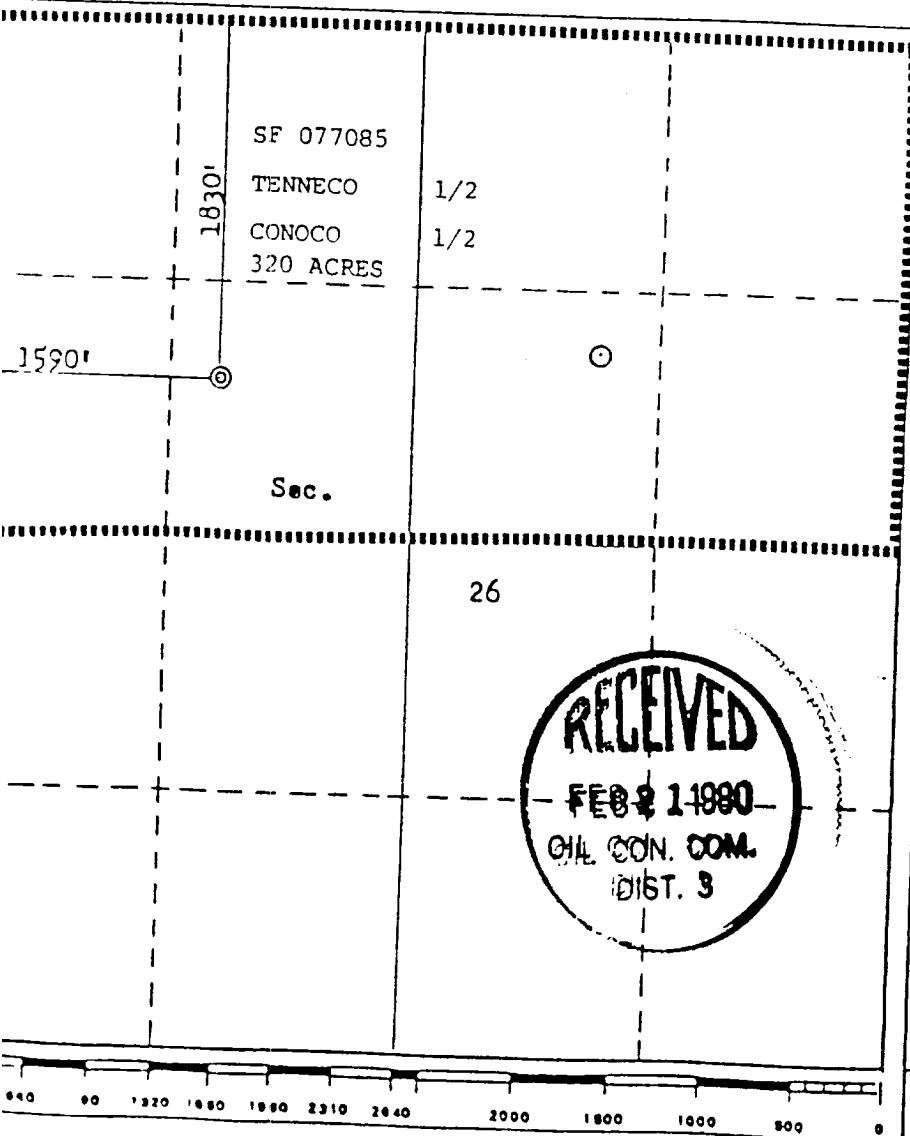
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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, force-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.	
Name	M. L. FREEMAN
Position	Staff Production Analyst
Company	Tenneco Oil Company
Date	February 1, 1980
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	November 30, 1979
Registered Professional Engineer and Land Surveyor	Fred B. Kott Jr.
Certificate No.	3920 & KERR, JR.

April 27, 1998

Omler A #1E
Section 26, T-28-N, R-10-W, F
San Juan County, New Mexico
API # 30-045-24207

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 17th STE 300
Denver, CO 80202