

DISTRICT I
710 Box 1980 Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

DISTRICT II
811 South First St. Artesia NM 88210-2835

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe New Mexico 87505-6429

APPROVAL PROCESS
☒ Administrative ☐ Hearing

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
☒ YES ☐ NO

Conoco Inc.

10 Desta Dr. Ste 100W, Midland, Tx. 79705-450C

Lessee

Address

Omler A

#7E

Section 36, T-28-N, R-10-W, J

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO 005073

Property Code

API NO

30-045-24118

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 71590
2 TOP and Bottom of Pay Section (Perforations)	3058-3073'		6407-6517'
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 Gas & Oil - Flowing All Gas Zones Estimated Current Measured Current Estimated Or Measured Original	a b (Original)	a b
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 15 MCFD, 0 BOPD, 0.6 BWPD	Date Rates	Date Rates 3-15-98 53 MCFD, 0.3 BOPD, 0 BWPD
8 Fixed Percentage Allocation Formula % of each zone	0 Gas 21 Oil	Gas Oil	100 Gas 79 Oil

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 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

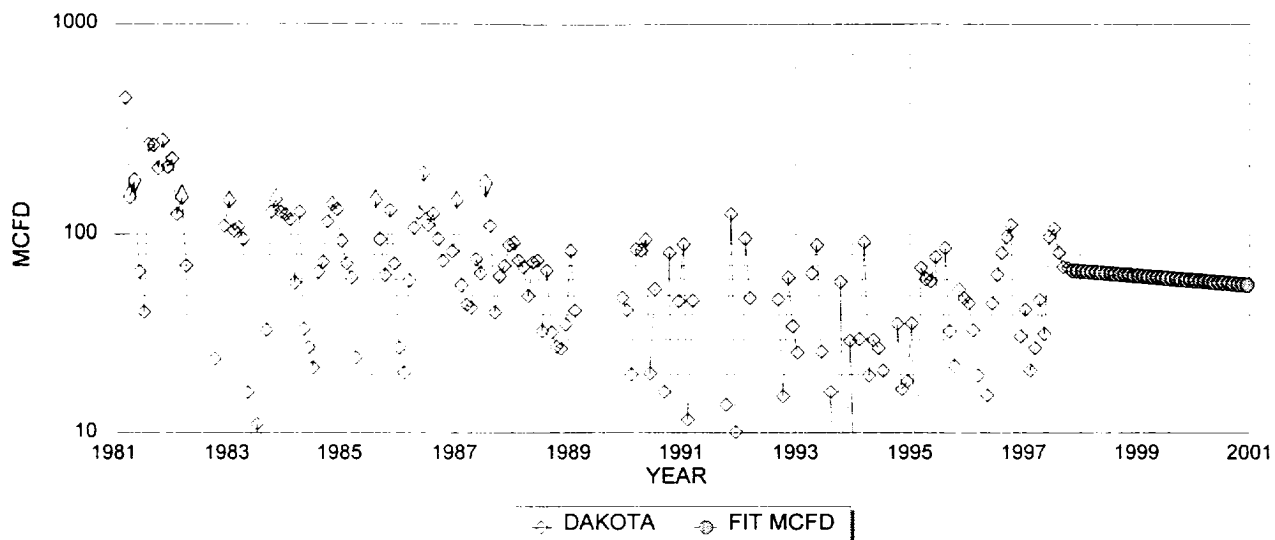
Kay Maddox

TELEPHONE NO

(915)

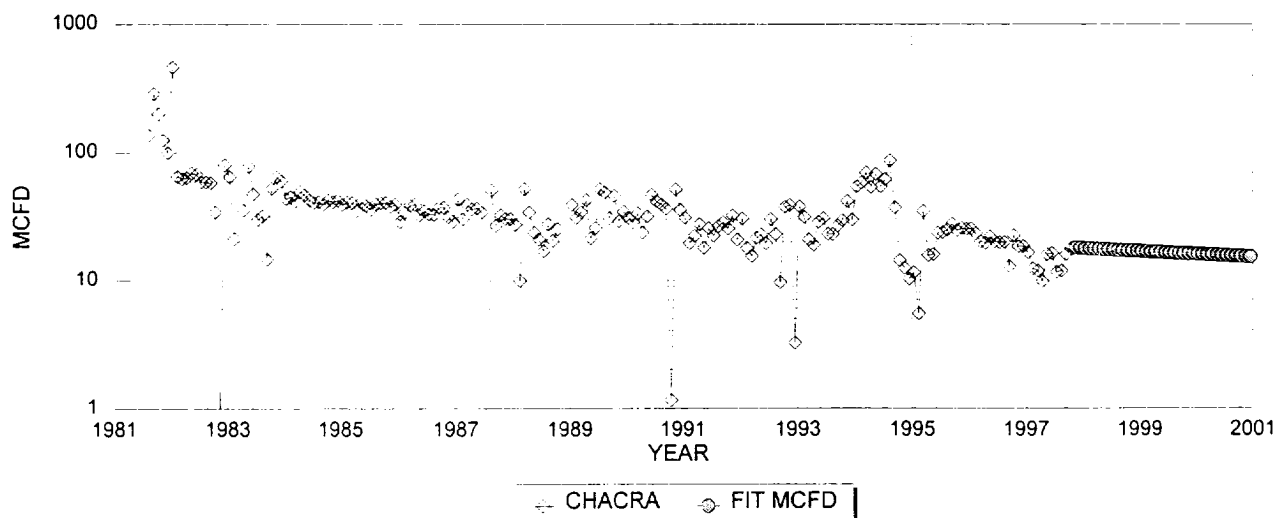
686-5798

OMLER A #7E DAKOTA PRODUCTION
SECTION 36J-28N-10W



DAKOTA HISTORICAL DATA:		1ST PROD: 02/81	DAKOTA PROJECTED DATA		
OIL CUM:	2.41	MBO	1/1/98 Qi:	66 MCFD	0.44 BOPD
GAS CUM:	356.6	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)	
OIL YIELD:	0.0067	BBL/MCF			

OMLER A #7E CHACRA PRODUCTION
SECTION 36J-28N-10W



CHACRA HISTORICAL DATA		1ST PROD: 08/81	CHACRA PROJECTED DATA		
OIL CUM:	0.0	MBO	1/1/98 Qi:	18 MCFD	0.00 BOPD
GAS CUM:	226.0	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)	
OIL YIELD:	0.0001	BBL/MCF			

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL	ALLOCATION BASED ON PROJECTED 1998 RATES	
DAKOTA	79%	100%	OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS	
CHACRA	21%	0%		

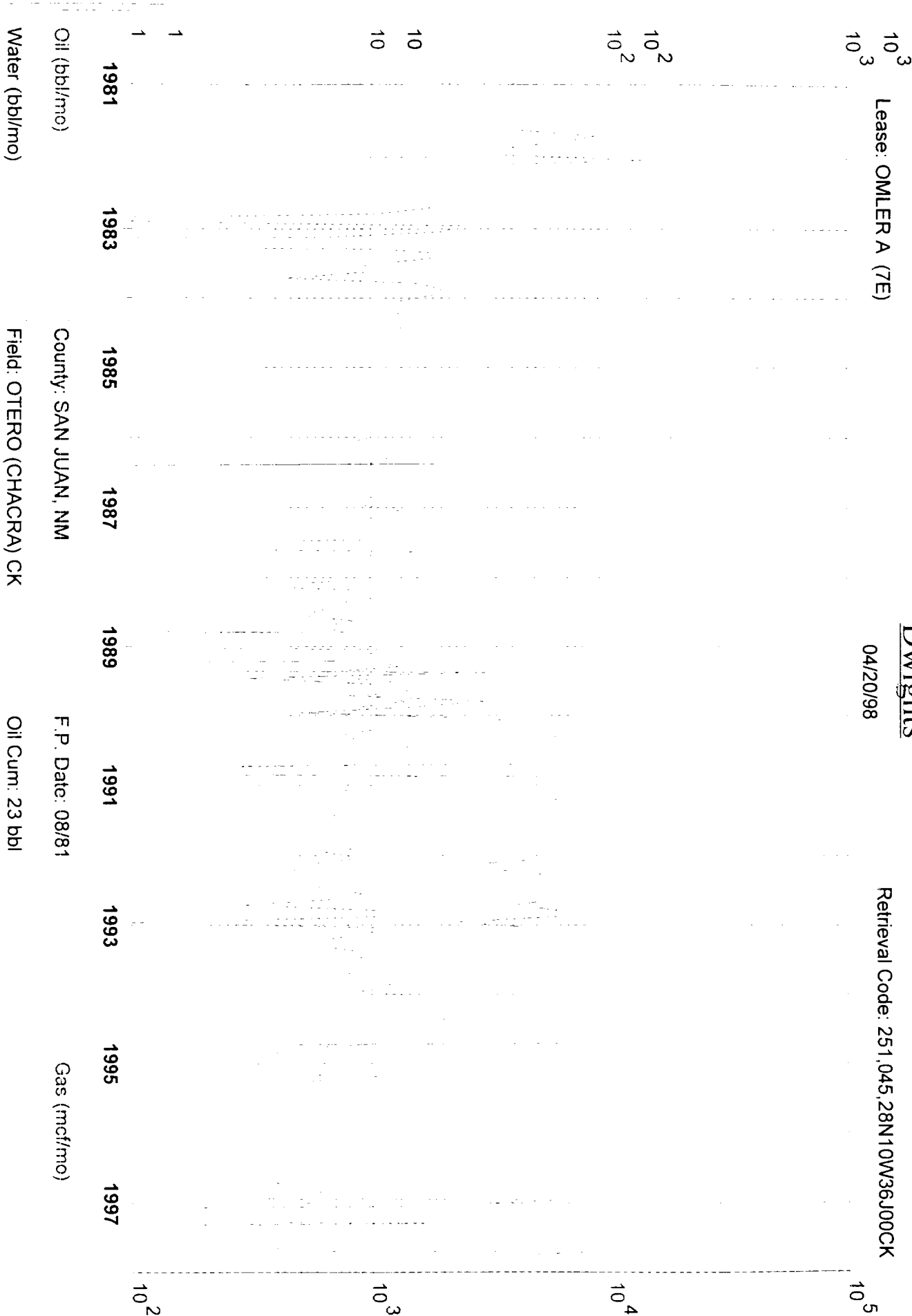
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

Dwights

04/20/98

Retrieval Code: 251,045,28N10W36J00CK

Lease: OMLER A (7E)



Oil (bbl/mo)

County: SAN JUAN, NM

F.P. Date: 08/81

Gas (mcf/mo)

Water (bbl/mo)

Field: OTERO (CHACRA) CK

Oil Cum: 23 bbl

Reservoir: CHACRA

Gas Cum: 226.0 mmcf

Operator: AMOCO PRODUCTION CO

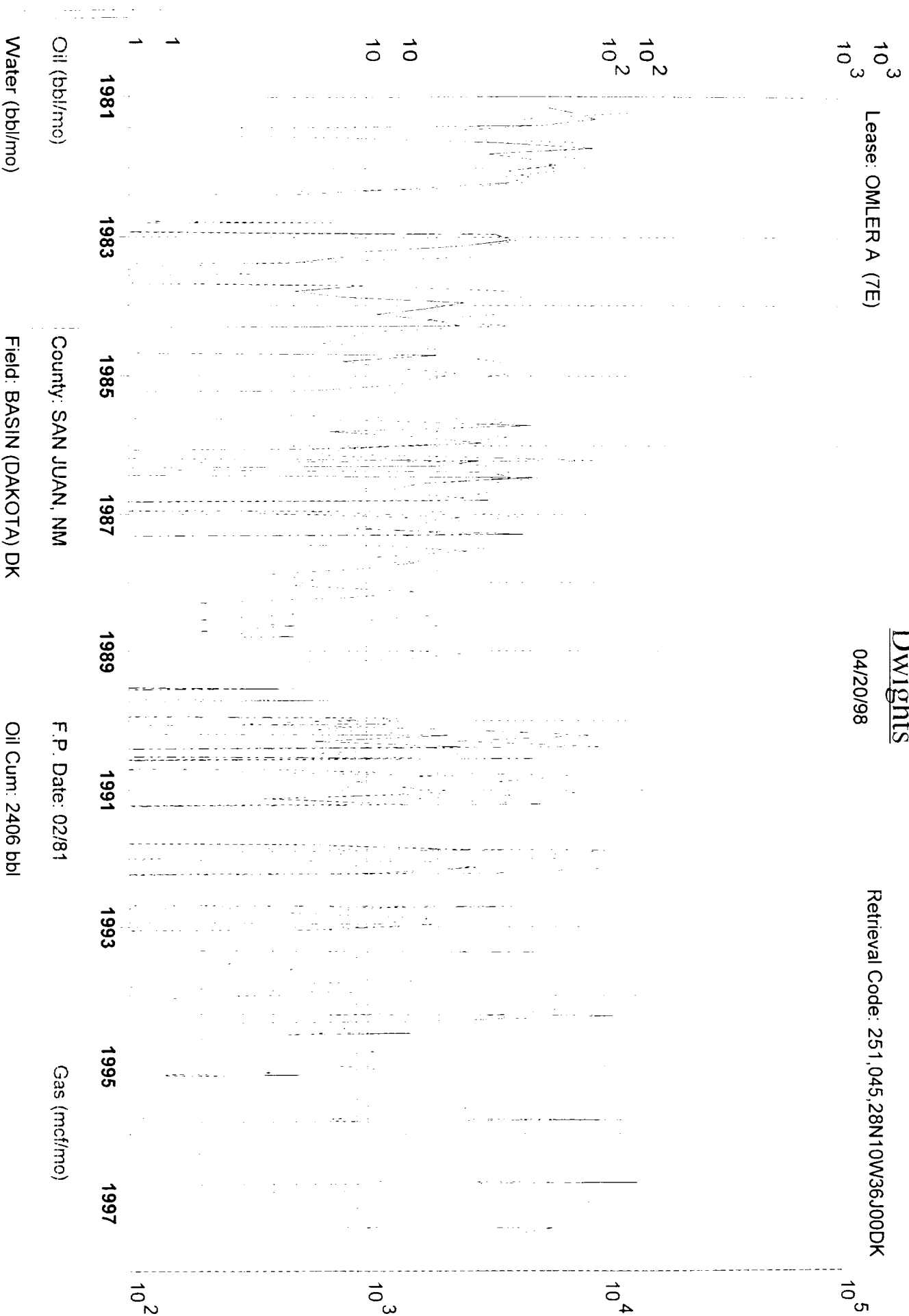
Location: 36J 28N 10W

Dwights

04/20/98

Retrieval Code: 251,045,28N10W36J00DK

Lease: OMLER A (7E)



Oil (bbl/mo)

County: SAN JUAN, NM

F.P. Date: 02/81

Gas (mcf/mo)

Water (bbl/mo)

Field: BASIN (DAKOTA) DK

Oil Cum: 2406 bbl

Reservoir: DAKOTA

Gas Cum: 356.6 mmcf

Operator: AMOCO PRODUCTION CO

Location: 36J 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 30-045-24118	2 Pool Code 82329	3 Pool Name Otero Chacra
4 Property Code	5 Property Name Olmer A	6 Well Number # 7E
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 5937'

10 Surface Location

UL or lot no J	Section 36	Township 28N	Range 10W	Lot Idn	Feet from the 1620	North/South line South	Feet from the 1750	East/West line East	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
12 Dedicated Acres 160	13 Joint or Infill	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

16			

1620'

1750'

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

Date

4/20/98

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

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

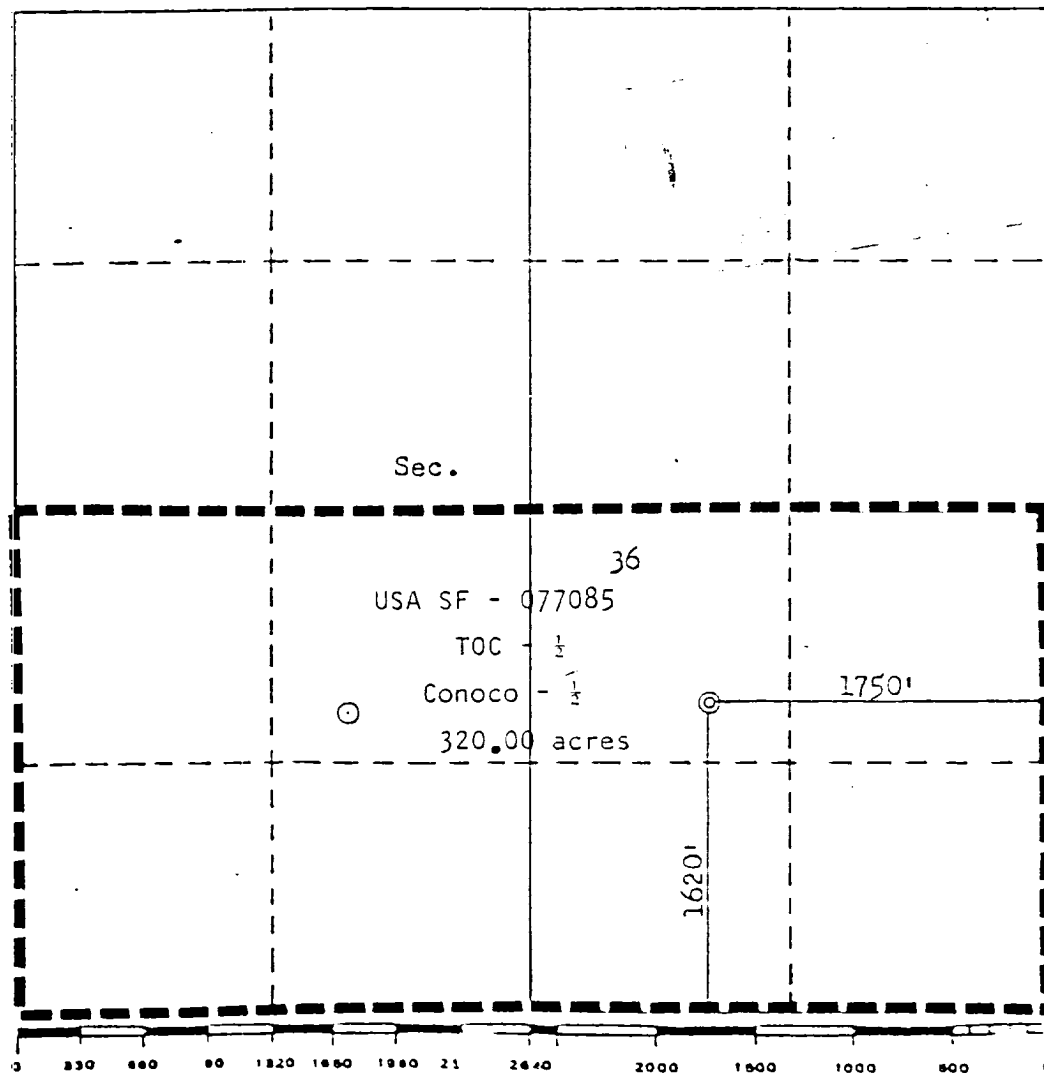
Operator TENNECO OIL COMPANY			Lease OMLER "A"		Well No. 7-E
Unit Letter J	Section 36	Township 28N	Range 10W	County San Juan	
Actual Footage Location of Well: 1620 feet from the South line and 1750 feet from the East line					
Ground Level Elev. 5937	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320.00 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

M. Lee Freeman

Name
M. Lee Freeman

Position
Staff Production Analyst

Company
Tenneco Oil Company

Date
December 20, 1979

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.

ADMN 51051

Date Surveyed
September 27, 1979

Registered Professional Engineer and/or Land Surveyor
[Signature]
3950 S. KERR, JR.

April 27, 1998

Omler A #7E
Section 36, T-28-N, R-10-W, J
San Juan County, New Mexico
API # 30-045-24118

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

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