

DISTRICT I

O Box 1989 Hobbs, NM 88241-1989

DISTRICT II

911 South First St. Artesia NM 88210 2835

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 87505-8429Form 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

Lease

Omler A

#5E

Section 25, T-28-N, R-10-W, E

San Juan

Lease

Well No

Unit, Tr, Sec, Twp, Rge

County

Spacing Unit Lease Types (check 1 or more)

OGRID NO. 005073

Property Code

API NO

30-045-24110

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)	2870-2981'		6268-6416'
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		565
Oil Zones - Artificial Lift Estimated Current			
Gas & Oil - Flowing Measured Current	b (Original)		
All Gas Zones Estimated Or Measured Original	680		2203
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
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.			
• If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates 3/15/98 40 MCFD, 0 BOPD, 0.5 BWPD	Date Rates	Date Rates 3/15/98 86 MCFD, 0.6 BOPD, 0 BWPD
8 Fixed Percentage Allocation Formula - % of each zone	0 Gas 32	Gas	100 Gas 68

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 ☐ 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. 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

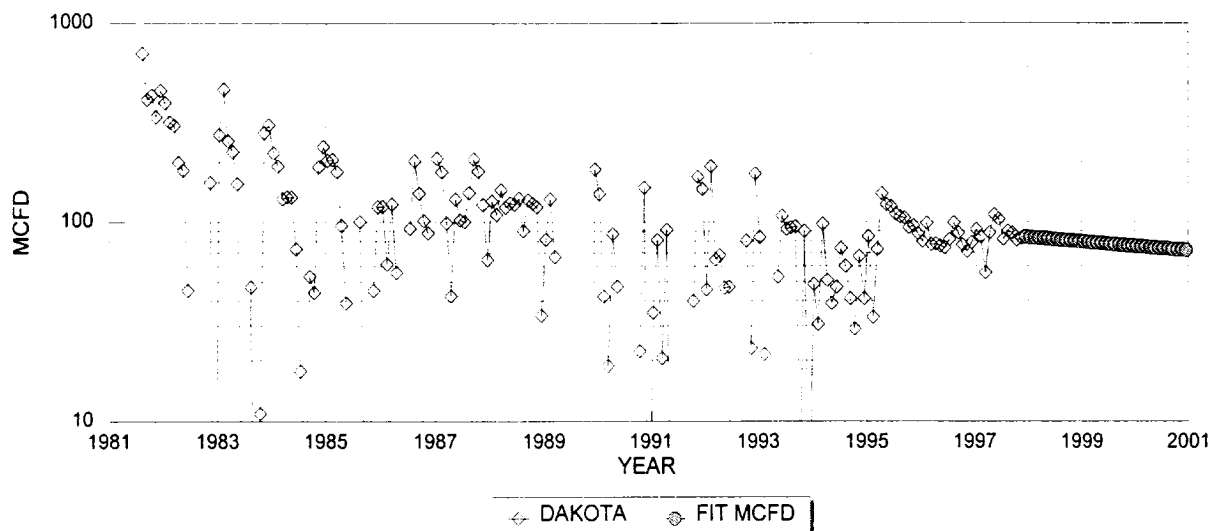
Kay Maddox

TELEPHONE NO.

(915)

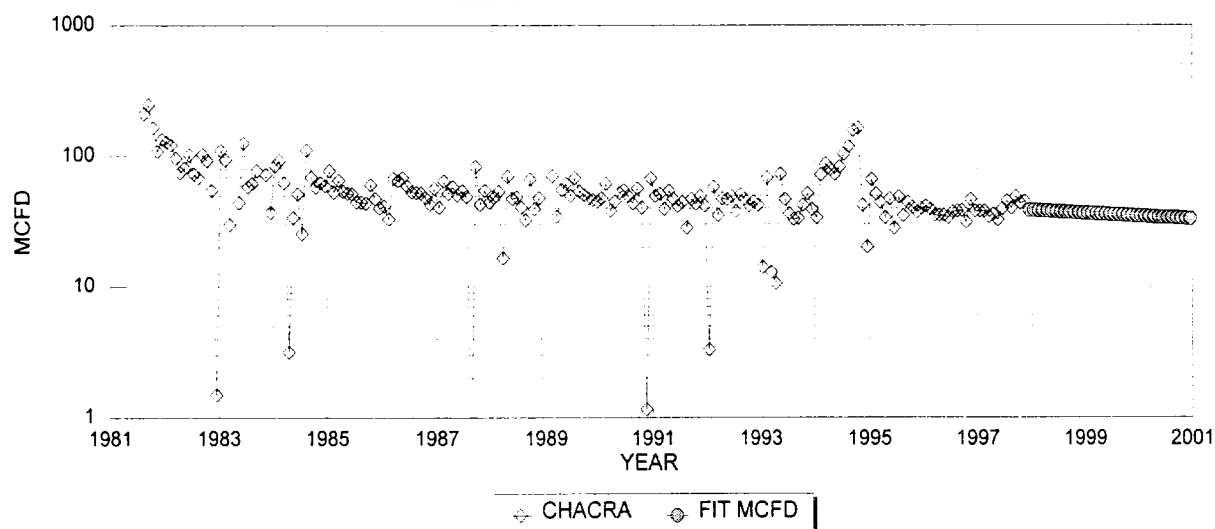
686-5798

**OMLER A #5E DAKOTA PRODUCTION
SECTION 25E-28N-10W**



DAKOTA HISTORICAL DATA:		1ST PROD: 06/81	DAKOTA PROJECTED DATA		
OIL CUM:	6.00	MBO	1/1/98 Qi:	84	MCFD
GAS CUM:	576.0	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)	0.87 BOPD
OIL YIELD:	0.0104	BBL/MCF			

**OMLER A #5E CHACRA PRODUCTION
SECTION 25E-28N-10W**



CHACRA HISTORICAL DATA		1ST PROD: 07/81	CHACRA PROJECTED DATA		
OIL CUM:	0.0	MBO	1/1/98 Qi:	39	MCFD
GAS CUM:	326.3	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)	0.00 BOPD
OIL YIELD:	0.0000	BBL/MCF			

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL	GAS ALLOCATION BASED ON PROJECTED 1998 RATES
DAKOTA	68%	100%	OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS
CHACRA	32%	0%	

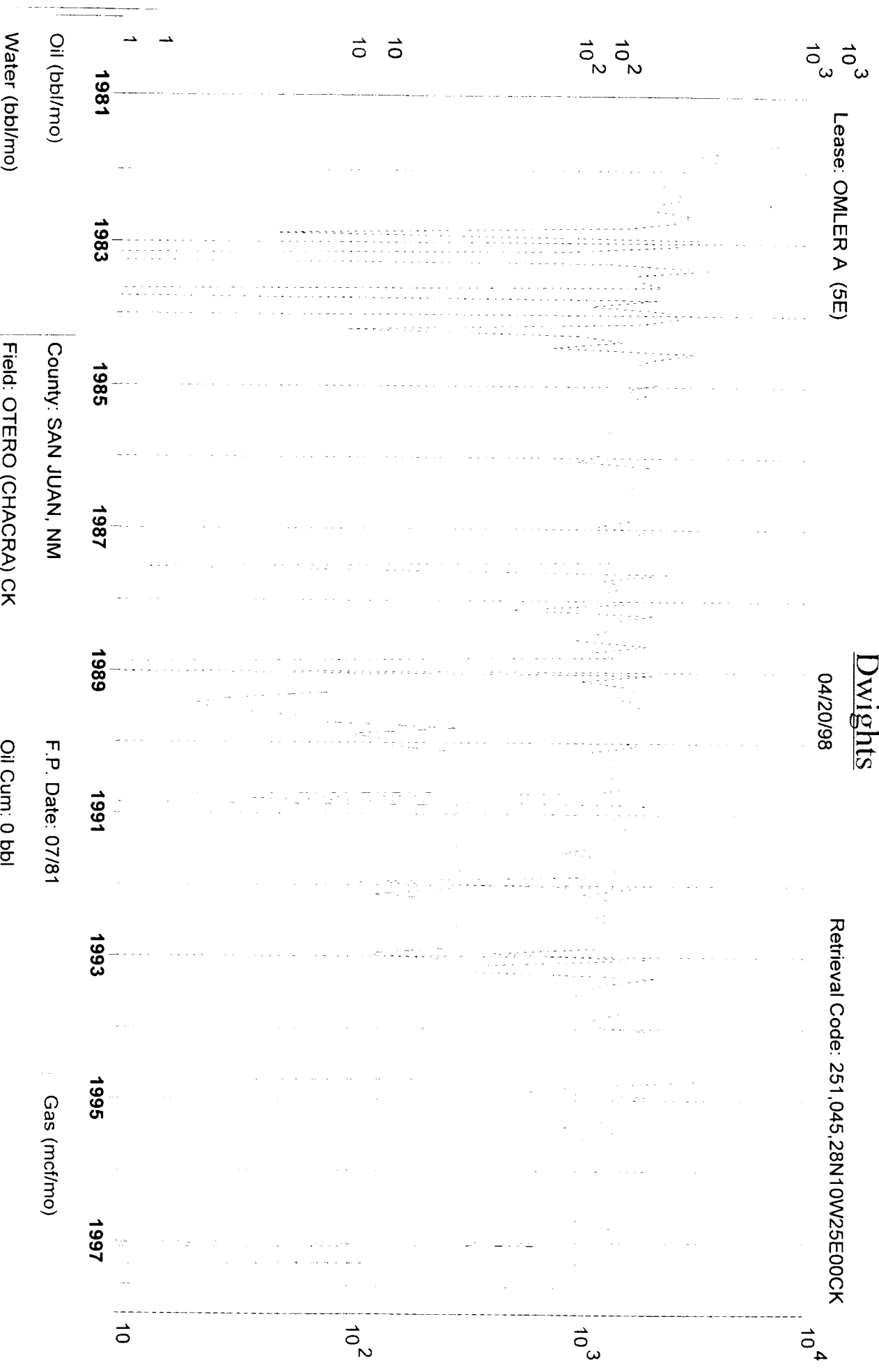
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

Dwights

Lease: OMLER A (5E)

04/20/98

Retrieval Code: 251,045,28N10W25E00CK



Oil (bbl/mo)

Water (bbl/mo)

County: SAN JUAN, NM

Field: OTERO (CHACRA) CK

Reservoir: CHACRA

Operator: AMOCO PRODUCTION CO

F.P. Date: 07/81

Oil Cum: 0 bbl

Gas Cum: 326.3 mmcf

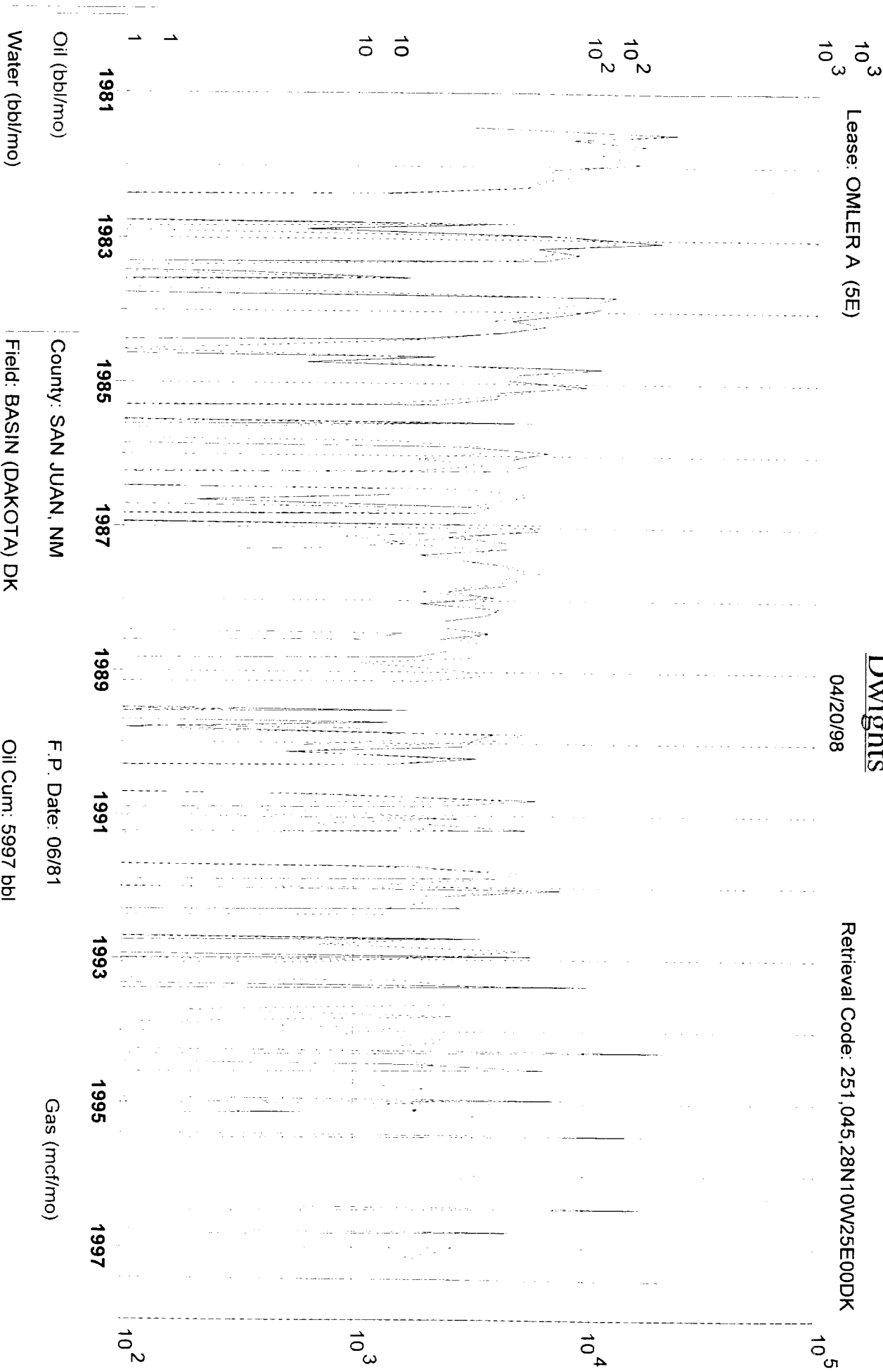
Location: 25E 28N 10W

Dwights

04/20/98

Retrieval Code: 251,045,28N10W25E00DK

Lease: OMLER A (5E)



Oil (bbl/mo)

County: SAN JUAN, NM

F.P. Date: 06/81

Gas (mcf/mo)

Water (bbl/mo)

Field: BASIN (DAKOTA) DK

Oil Cum: 5997 bbl

Reservoir: DAKOTA

Gas Cum: 576.0 mmcf

Operator: AMOCO PRODUCTION CO

Location: 25E 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 30-045-24110	2 Pool Code 82329	3 Pool Name Otero Chacra
4 Property Code	5 Property Name Olmer A	6 Well Number # 5E
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 5802'

10 Surface Location

UL or lot no. E	Section 25	Township 28N	Range 10W	Lot Idn	Feet from the 1750	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

16			
1750'			
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

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

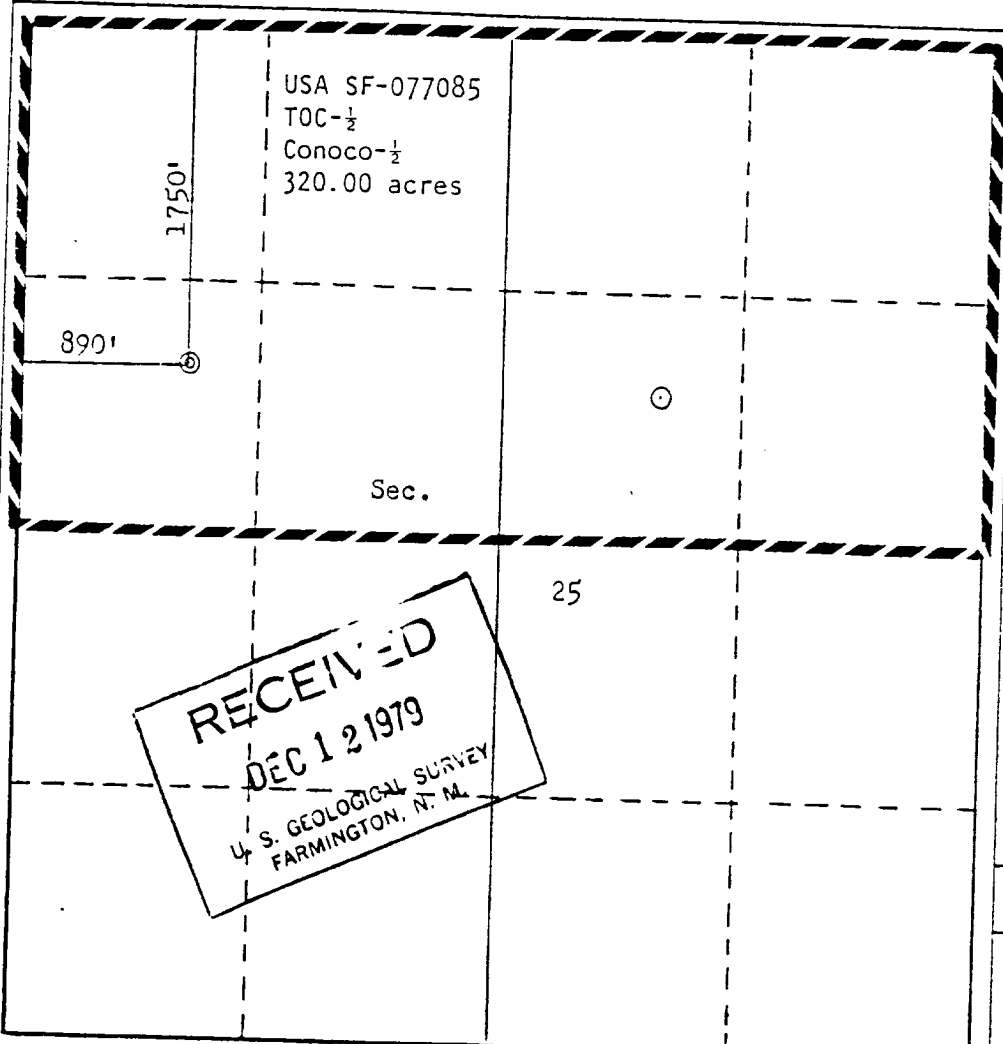
Operator TENNECO OIL COMPANY			Lease OMLER "A"		Well No. 5-2
Unit Letter E	Section 25	Township 28N	Range 10W	County San Juan	
Actual Footage Location of Well: 1750 feet from the North line and 890 feet from the West line					
Ground Level Elev. 5802	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 320.00 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.

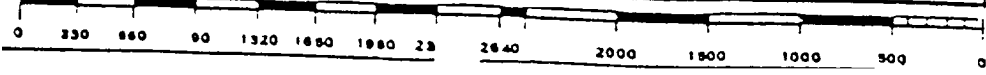


RECEIVED
DEC 12 1979
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	TENNECO OIL COMPANY
Position	Staff Production Analyst
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	September 27, 1979
Registered Professional Engineer and/or Land Surveyor	Fred A. Kerr Jr.
Certificate No.	3950

ADMN 56089



April 27, 1998

Omler A #5E
Section 25, T-28-N, R-10-W, E
San Juan County, New Mexico
API # 30-045-24110

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