



DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
811 South First St., Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410  
DISTRICT IV  
2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-A  
Revised August 1999

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

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

\_\_\_ Administrative \_\_\_ Hearing

EXISTING WELLBORE

YES \_\_\_ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

P.O. Box 2197 Houston, TX 77252-2197

Operator Jicarilla E Address 8 C, Sec. 15, T<sup>26</sup>7N, R4W County Rio Arriba  
Lease Well No. 8 Unit Ltr. - Sec - Twp - Rge C, Sec. 15, T<sup>26</sup>7N, R4W Spacing Unit Lease Types: (check 1 or more)  
OGRID NO. 005073 Property Code 18022 API NO. 30-039-20080 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	Blanco Mesaverde 72319	Wildhorse Gallup 87360	Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	5588 - 5758	7168 - 7182	7648 - 7692
3. Type of production (Oil or Gas)	Gas	Gas	Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 578	a. 310	a. 605
	b. (Original) 1468	b. 1820	b. 2675
6. Oil Gravity (EAPI) or Gas BTU Content	1300	1260	1315
7. Producing or Shut-In?	Producing	Producing	Producing
Production Marginal? (yes or no)  * If Shut-In, give date and oil/gas/water rates of last production  Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data  * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	No	No	No
	Date: Rates:	Date: Rates:	Date: Rates:
	Date: Est. 10/99 Rates: 41 mcf/d, 0.1 bopd, 1 bwpd	Date: Est. 10/99 Rates: 123 mcf/d, 0.4 bopd, 0 bwpd	Date: Est. 10/99 Rates: 79 mcf/d, 0.4 bopd, 0 bwpd
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: <u>27</u> % Gas: <u>15</u> %	Oil: <u>32</u> % Gas: <u>54</u> %	Oil: <u>66</u> % Gas: <u>31</u> %

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
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 other?  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:

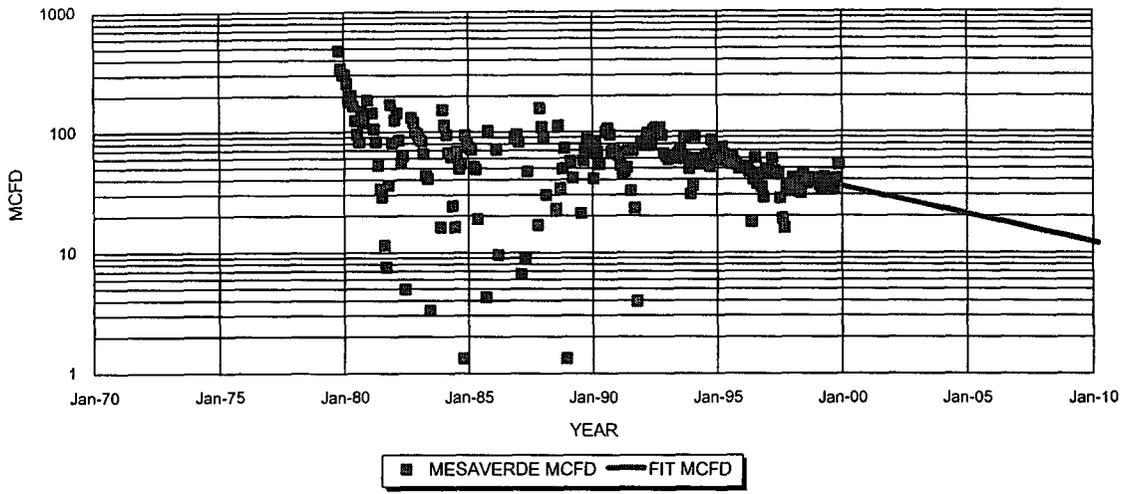
- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of 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 Deborah Moore TITLE Regulatory Analyst DATE 1/7/00

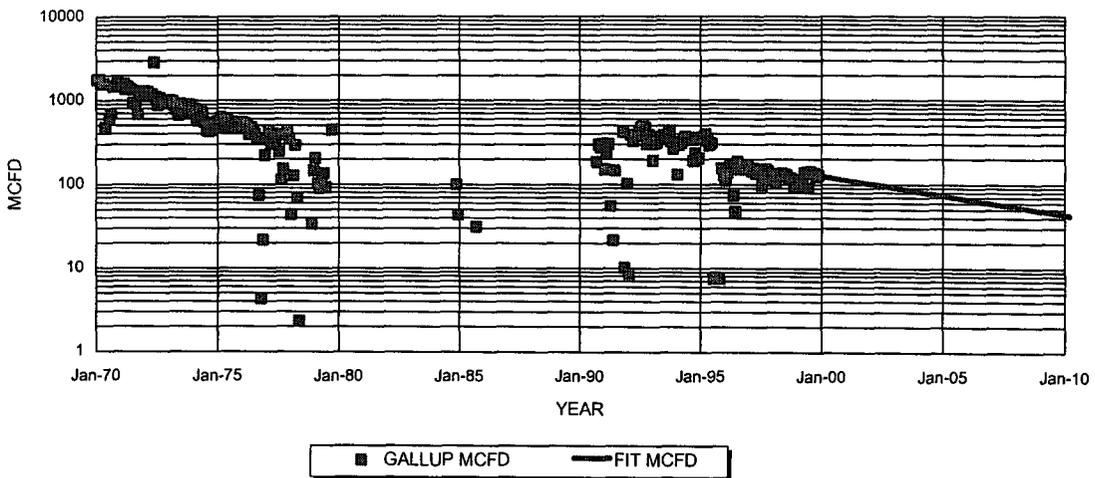
TYPE OR PRINT NAME Deborah Moore TELEPHONE NO. (281) 293-1005

**JICARILLA E-8 MESAVERDE PRODUCTION  
SECTION 15C-26N-04W, RIO ARRIBA COUNTY, NEW MEXICO**



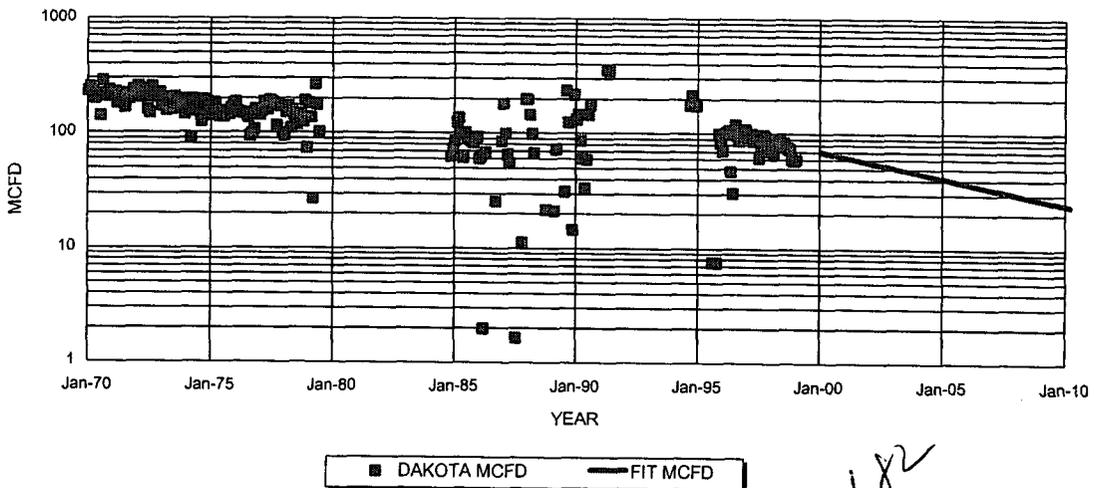
<b>MESAVERDE HISTORICAL DATA:</b>		<b>1ST PROD: 10/79</b>	<b>MESAVERDE PROJECTED DATA</b>	
OIL CUM:	0.53	MBO	1/1/2000 Qi:	35 MCFD
GAS CUM:	438.2	MMCF	DECLINE RATE:	10.0% (EXPONENTIAL)
OIL YIELD:	0.0012	BBL/MCF		

**JICARILLA E-8 GALLUP PRODUCTION  
SECTION 15C-26N-04W, RIO ARRIBA COUNTY, NEW MEXICO**



<b>GALLUP HISTORICAL DATA:</b>		<b>1ST PROD: 03/68</b>	<b>GALLUP PROJECTED DATA</b>	
OIL CUM:	24.4	MBO	1/1/2000 Qi:	125 MCFD
GAS CUM:	3472.4	MMCF	DECLINE RATE:	10.0% (EXPONENTIAL)
OIL YIELD:	0.007	BBL/MCF		

**JICARILLA E-8 DAKOTA PRODUCTION  
SECTION 15C-26N-04W, RIO ARRIBA COUNTY, NEW MEXICO**



<b>DAKOTA HISTORICAL DATA:</b>		<b>1ST PROD: 03/68</b>	<b>DAKOTA PROJECTED DATA</b>	
OIL CUM:	27.9	MBO	1/1/2000 Qi:	70 MCFD
GAS CUM:	1075.8	MMCF	DECLINE RATE:	10.0% (EXPONENTIAL)
OIL YIELD:	0.026	BBL/MCF		

<b>FIXED TRIMMINGLE ALLOCATION FACTORS:</b>		
	<b>GAS</b>	<b>OIL</b>
MESAVERDE	15%	2%
GALLUP	54%	32%
DAKOTA	31%	66%

NOTES: W1, R1 & ORR1 ARE IDENTICAL IN ALL ZONES.  
ALL PRODUCTION DATA FROM DWIGHTS ENERGY DATA

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-102  
Revised March 17, 1999

District II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe. NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-20080		<sup>2</sup> Pool Code 72319 / 87360 / 71599		<sup>3</sup> Pool Name Blanco Mesaverde, Wildhorse Gallup, Basin Dakota	
<sup>4</sup> Property Code 18022		<sup>5</sup> Property Name Jicarilla E			<sup>6</sup> Well Number 8
<sup>7</sup> OGRID No. 005073		<sup>8</sup> Operator Name Conoco Inc.			<sup>9</sup> Elevation

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	27 <sup>N</sup> 26 <sup>N</sup>	4W		1190	North	1480	West	Rio Arriba

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 80/160	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

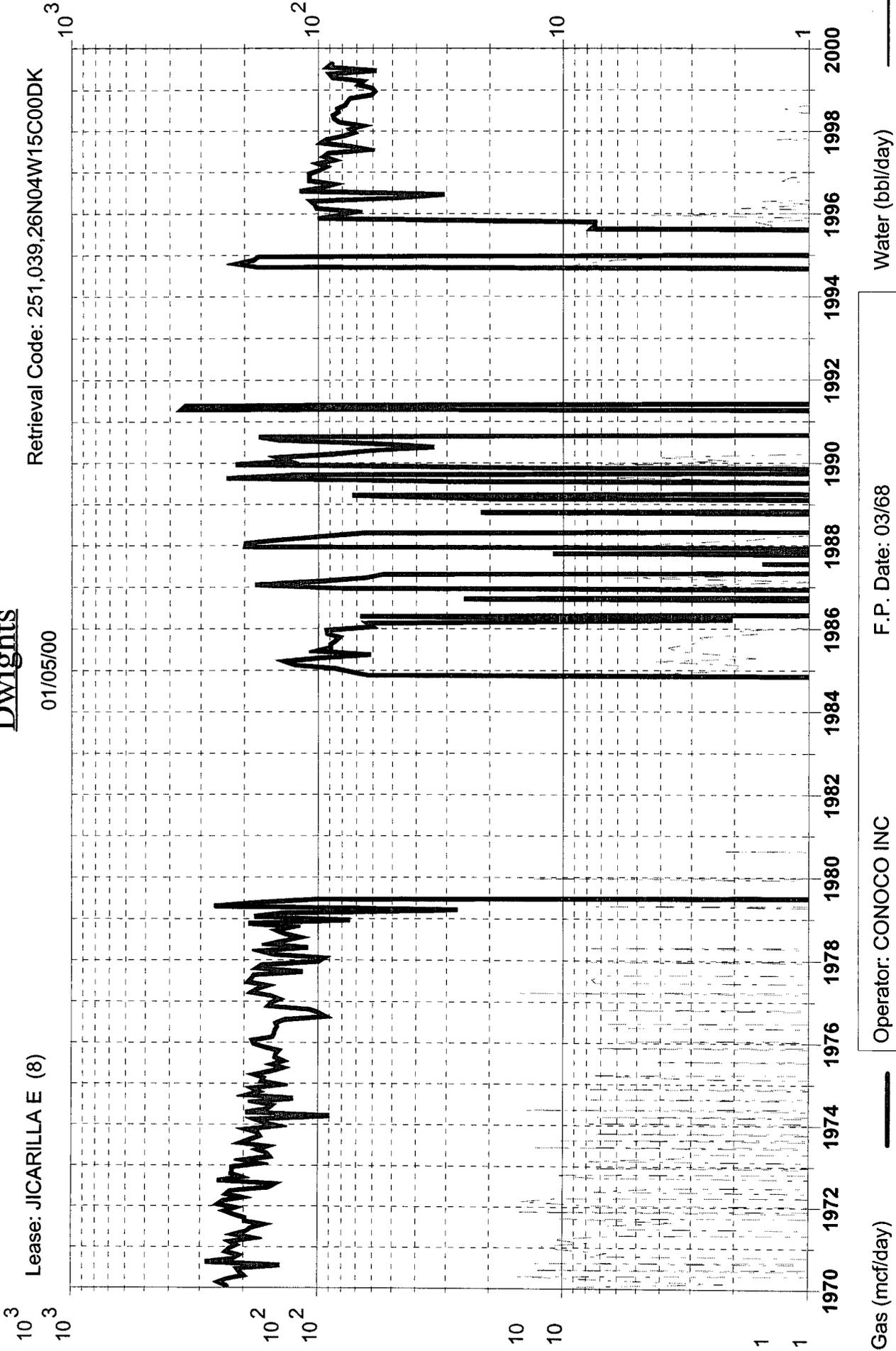
	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p>
	<p>Signature <i>Deborah Moore</i></p> <p>Printed Name Deborah Moore</p>
	<p>Title Regulatory Analyst</p>
	<p>Date 1/7/00</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><i>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.</i></p>
	<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyer:</p>
	<p>Certificate Number</p>

# Dwights

Lease: JICARILLA E (8)

Retrieval Code: 251,039,26N04W15C00DK

01/05/00



Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

Operator: CONOCO INC

Location: 15C 26N 4W

Field: BASIN (DAKOTA) DK

Reservoir: DAKOTA

F.P. Date: 03/68

Oil Cum: 28.00 mbbl

Gas Cum: 1092 mmcf

L.P. Date: 08/99

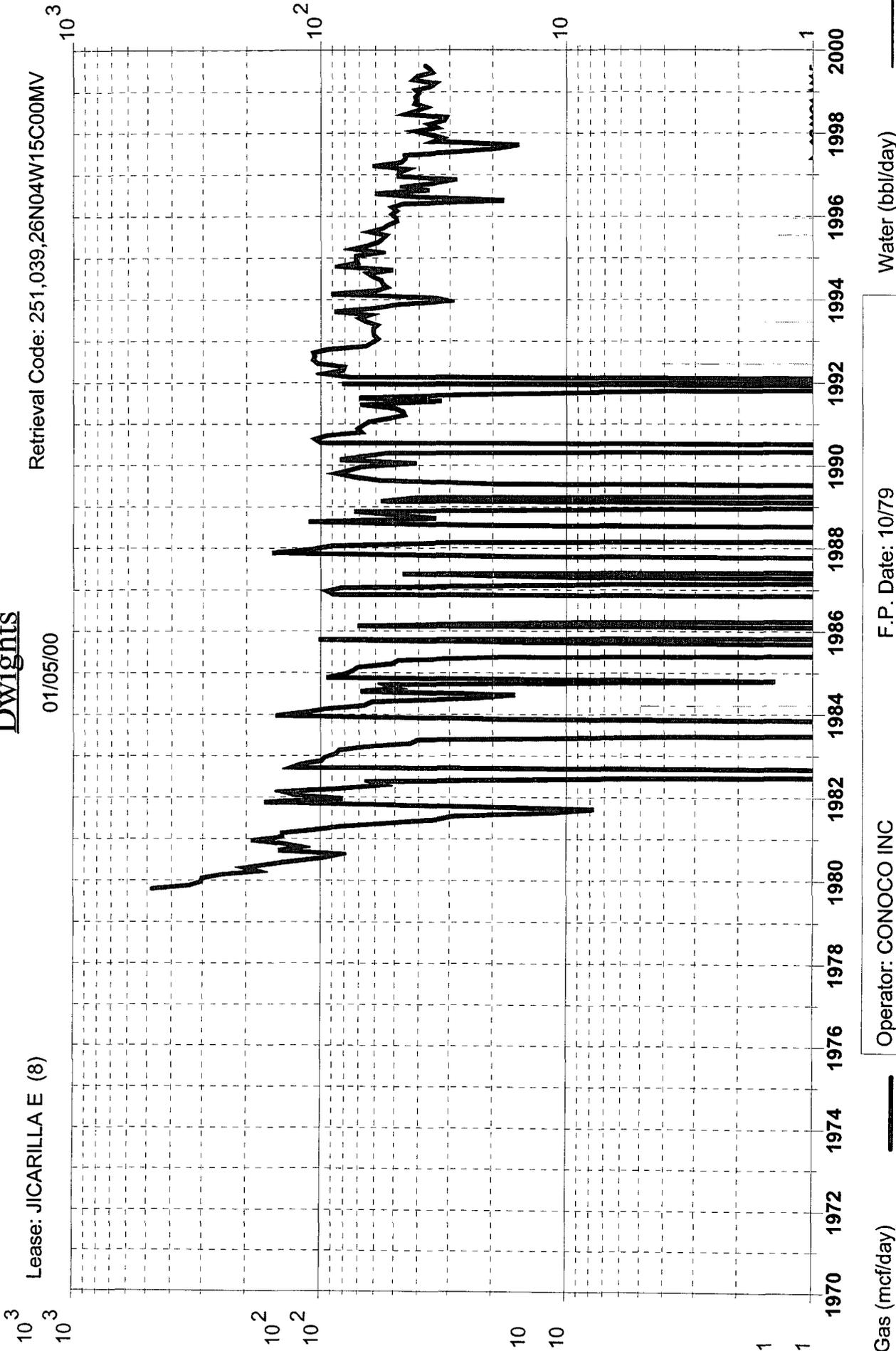


# Dwights

Lease: JICARILLA E (8)

Retrieval Code: 251,039,26N04W15C00MV

01/05/00



Gas (mcf/day)

Oil (bbl/day)

Operator: CONOCO INC

Location: 15C 26N 4W

Field: BLANCO (MESAVERDE) MV

Reservoir: MESAVERDE

F.P. Date: 10/79

Oil Cum: 540 bbl

Gas Cum: 434.4 mmcf

L.P. Date: 08/99

Water (bbl/day)