

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  
**OIL CONSERVATION DIVISION**  
2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429  
**APPLICATION FOR DOWNHOLE COMMINGLING**

Form C-107-A  
Revised August 1999  
APPROVAL PROCESS:  
\_\_\_ Administrative \_\_\_ Hearing  
EXISTING WELLBORE  
☒ YES \_\_\_ NO

Conoco Inc. P.O. Box 2197, DU 3066 Houston, TX 77252-2197

Operator  
Storey C LS  
Lease  
Address  
8 K Sec.33 T28N R 9W San Juan  
Well No. Unit Ltr. - Sec - Twp - Rge County  
Spacing Unit Lease Types: (check 1 or more)  
OGRID NO. 005073 Property Code 22423 API NO. 30-045-06974 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 Picture Cliff South 72439		Blanco Mesaverde 72319
2. Top and Bottom of Pay Section (Perforations)	3128' - 3176'		5416' - 5496'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 339 b. (Original) 761	NOV - 3 1999 OIL CON. DIST. 3	517 b. 1221 1352
6. Oil Gravity (EAPI) or Gas BTU Content	1149		
7. Producing or Shut-in?	Producing		Producing
Production Marginal? (yes or no)	No		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)	Date: Rates:  Date: Rates: Approx. 20 MCFD	Date: Rates:  Date: Rates:	Date: Rates:  Date: Rates: Approx. 90 MCFD
8. Fixed Percentage Allocation Formula - % for each zone (total of %s to equal 100%)	Oil: % Gas: 23%	Oil: % Gas: %	Oil: 100 % Gas: 77 %

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 10/27/99  
TYPE OR PRINT NAME Deborah Moore TELEPHONE NO. (281) 291-1005

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OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe. NM 87505

Form C-102  
Revised March 17, 1999

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-06974	<sup>2</sup> Pool Code 72319/72439	<sup>3</sup> Pool Name Blanco S. Pictured Cliffs / Blanco Mesaverde
<sup>4</sup> Property Code 22423	<sup>5</sup> Property Name Storey C LS	<sup>6</sup> Well Number 8
<sup>7</sup> OGRID No. 005073	<sup>8</sup> Operator Name Conoco Inc.	<sup>9</sup> Elevation 7036 GR

<sup>10</sup> Surface Location

UL or lot no. K	Section 33	Township 28N	Range 9W	Lot Idn	Feet from the 1450	North/South line SOUTH	Feet from the 1850	East/West line WEST	County San Juan
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<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 160/320	<sup>13</sup> Joint or Infill Y	<sup>14</sup> Consolidation Code U	<sup>15</sup> Order No.						

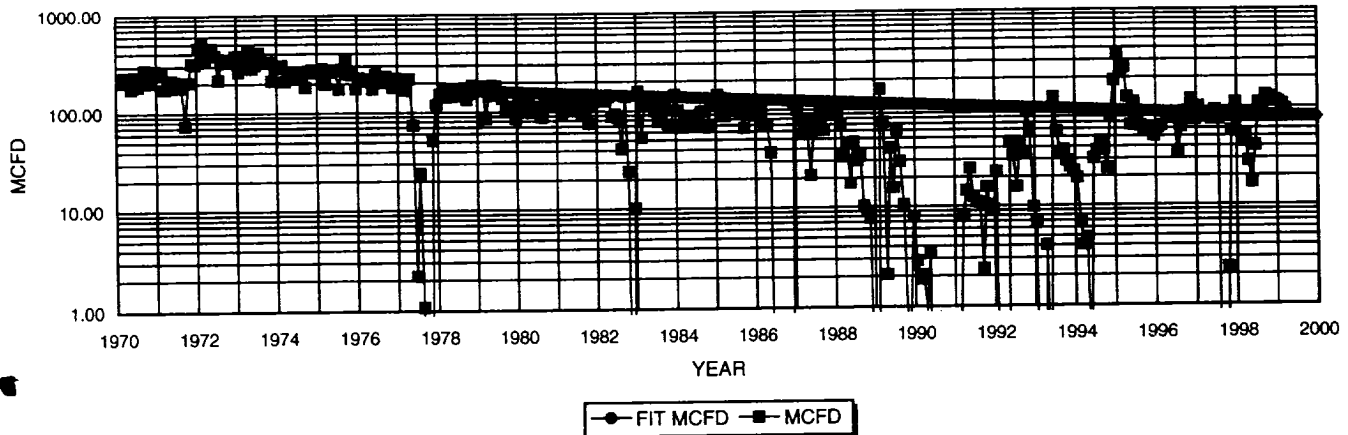
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature <u>Deborah Moore</u> Printed Name Deborah Moore Title Regulatory Analyst Date 10/27/99
				<sup>18</sup> 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 Surveyer:  Certificate Number

RECEIVED  
NOV - 3 1999  
OIL CON. DIV.  
DIST. 3

1850  
1450

**STOREY CLS #8 MESAVERDE PRODUCTION  
SECTION 33K-28N-09W**



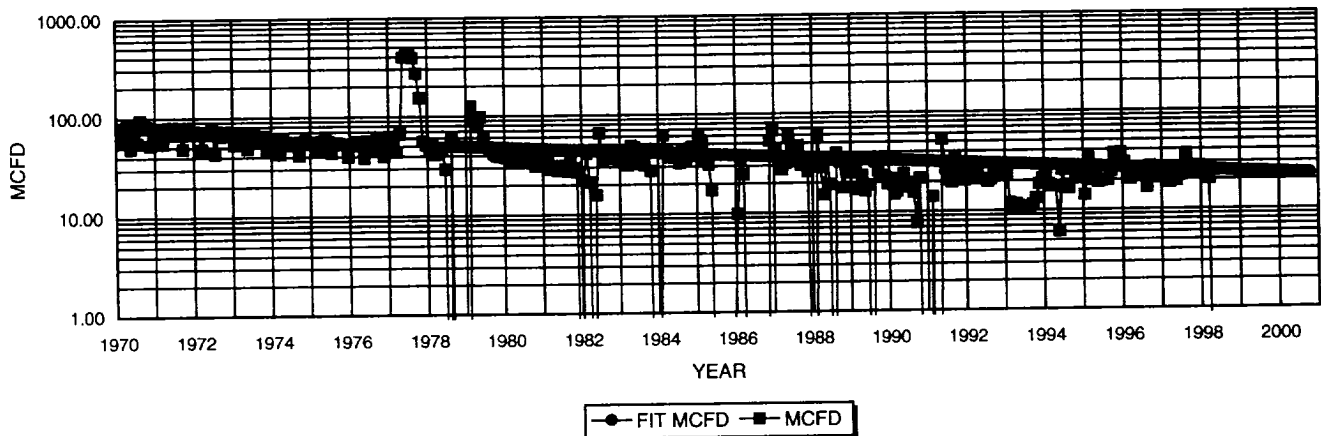
**MESAVERDE HISTORICAL DATA:**

1ST PROD: 07/57  
OIL CUM: 14.72 MBO  
GAS CUM: 2601.1 MMCF  
OIL YIELD: 0.0057 BBL/MCF

**MESAVERDE PROJECTED DATA:**

09/01/99 Qi: 80 MCFD  
DECLINE RATE: 3.5% (EXPONENTIAL)

**STOREY CLS #8 PICTURED CLIFFS PRODUCTION  
SECTION 33K-28N-09W**



**PICTURED CLIFFS HISTORICAL DATA:**

1ST PROD: 07/57  
OIL CUM: 0.0 MBO  
GAS CUM: 836.6 MMCF  
OIL YIELD: 0.0000 BBL/MCF

**PICTURED CLIFFS PROJECTED DATA:**

09/01/99 Qi: 24 MCFD  
DECLINE RATE: 3.5% (EXPONENTIAL)

**FIXED COMMINGLE ALLOCATION FACTORS:**

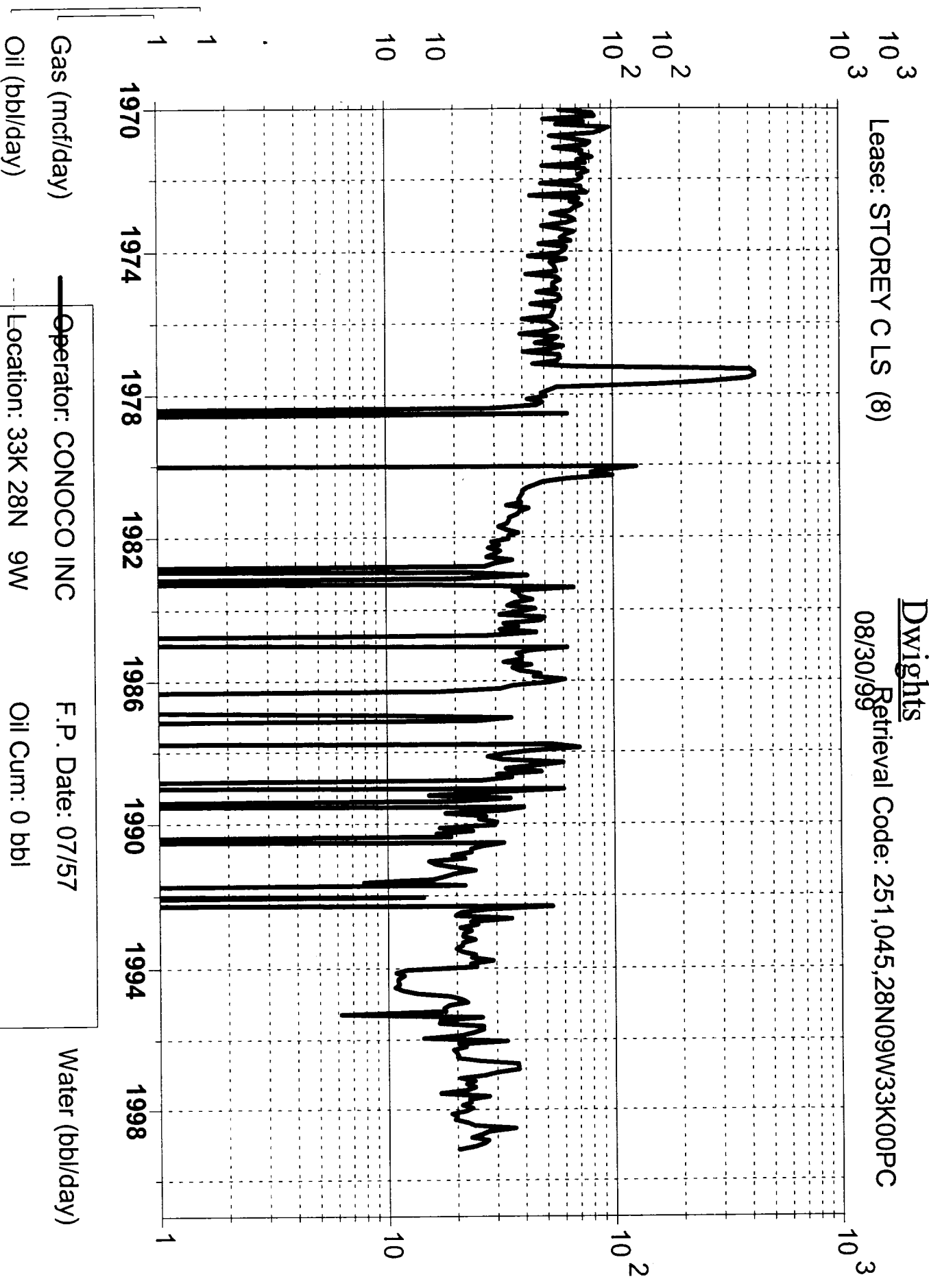
	GAS	OIL
MESAVERDE	77%	100%
PICTURED CLIFFS	23%	0%

API # 30-045-06974

GAS ALLOCATION BASED ON PROJECTED 1999 RATES

OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS

NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA



Gas (mcf/day)

Oil (bbl/day)

Operator: CONOCO INC

F.P. Date: 07/57

Location: 33K 28N 9W

Oil Cum: 0 bbl

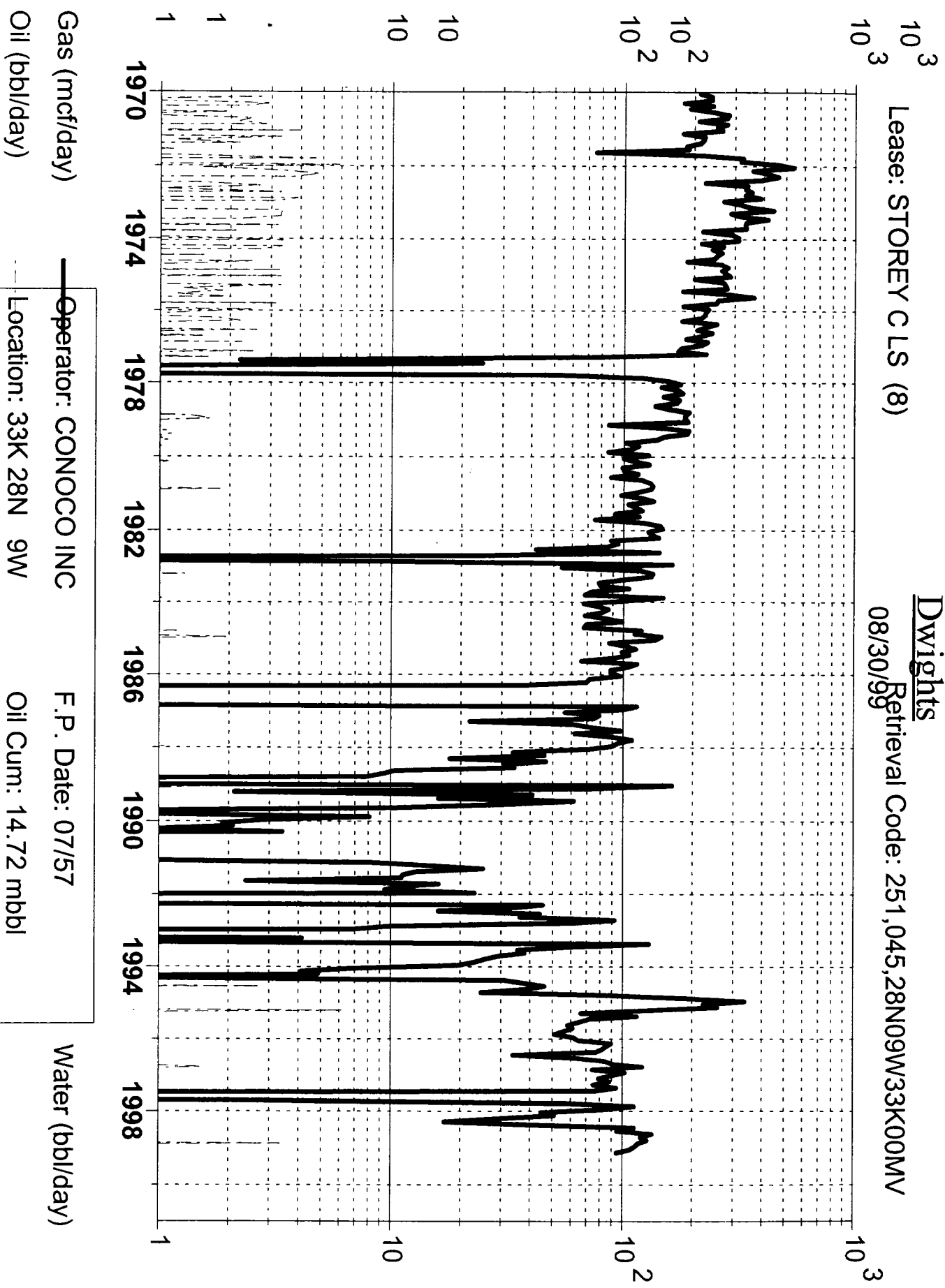
Field: BLANCO SOUTH (PICTU Gas Cum: 836.6 mmcf

Reservoir: PICTURE CLIFFS L.P. Date: 02/99

Water (bbl/day)

Lease: STOREY C L S (8)

Dwights  
Retrieval Code: 251,045,28N09W33K00MV  
08/30/99



Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

Operator: CONOCO INC

F.P. Date: 07/57

Location: 33K 28N 9W

Oil Cum: 14.72 mbbl

Field: BLANCO (MESAVERDE)

Gas Cum: 2603 mmcf

Reservoir: MESAVERDE

L.P. Date: 02/99