



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

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

APPROVAL PROCESS:

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

EXISTING WELLBORE

YES \_\_\_ NO

APPLICATION FOR DOWNHOLE COMMINGLING

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

Operator Address  
Storey C LS 8 K Sec.33 T28N R 9W San Juan  
Lease Well No. Unit Ltr. - Sec - Twp - Rge County

OGRID NO. 005073 Property Code 22423 API NO. 30-045-06974 Federal  Spacing Unit Lease Types: (check 1 or more)  
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: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 339	a.	a. 517
	b. (Original) 761	b.	b. 1221
6. Oil Gravity (EAPI) or Gas BTU Content	1149		1352
7. Producing or Shut-In?	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
	Date: Rates:	Date: Rates:	Date: Rates:
	Date: Rates: Approx. 20 MCFD	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  
Deborah Moore  
TYPE OR PRINT NAME \_\_\_\_\_ 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

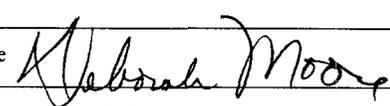
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	33	28N	9W		1450	SOUTH	1850	WEST	San Juan

<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.					

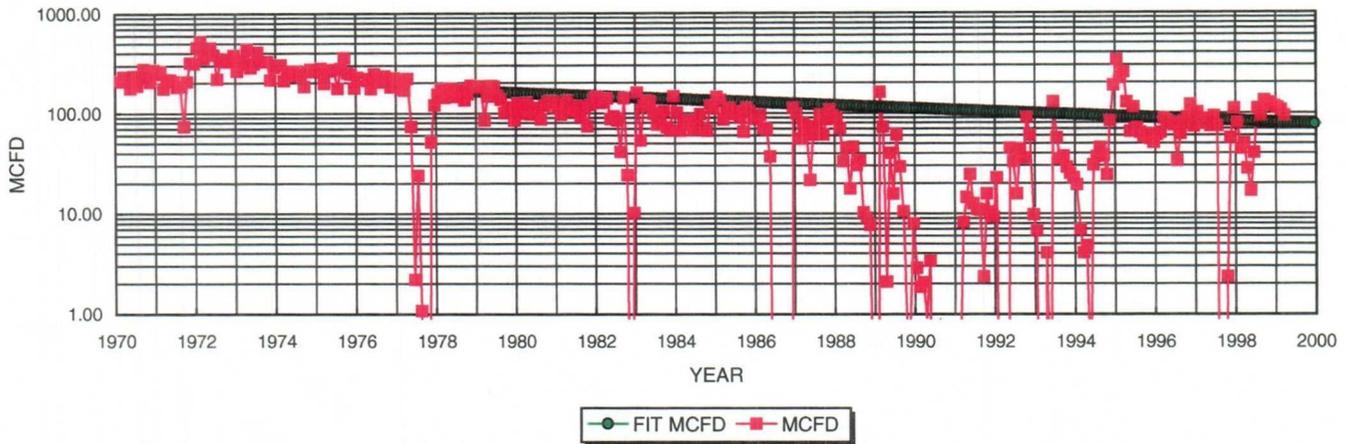
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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

1850

1450'

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



**MESAVERDE HISTORICAL DATA:**

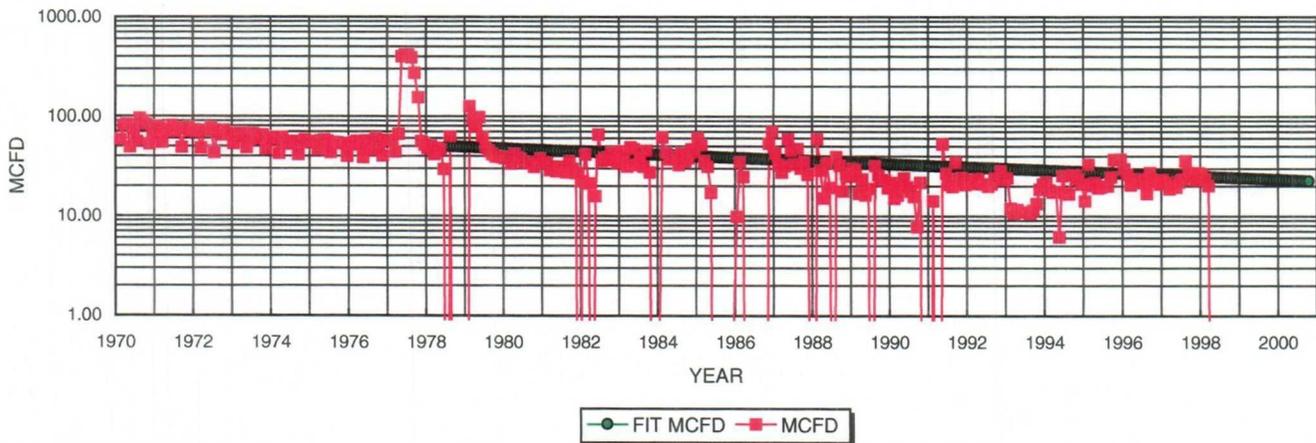
1ST PROD: 07/57

**MESAVERDE PROJECTED DATA:**

OIL CUM: 14.72 MBO  
GAS CUM: 2601.1 MMCF  
OIL YIELD: 0.0057 BBL/MCF

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

**PICTURED CLIFFS PROJECTED DATA:**

OIL CUM: 0.0 MBO  
GAS CUM: 836.6 MMCF  
OIL YIELD: 0.0000 BBL/MCF

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

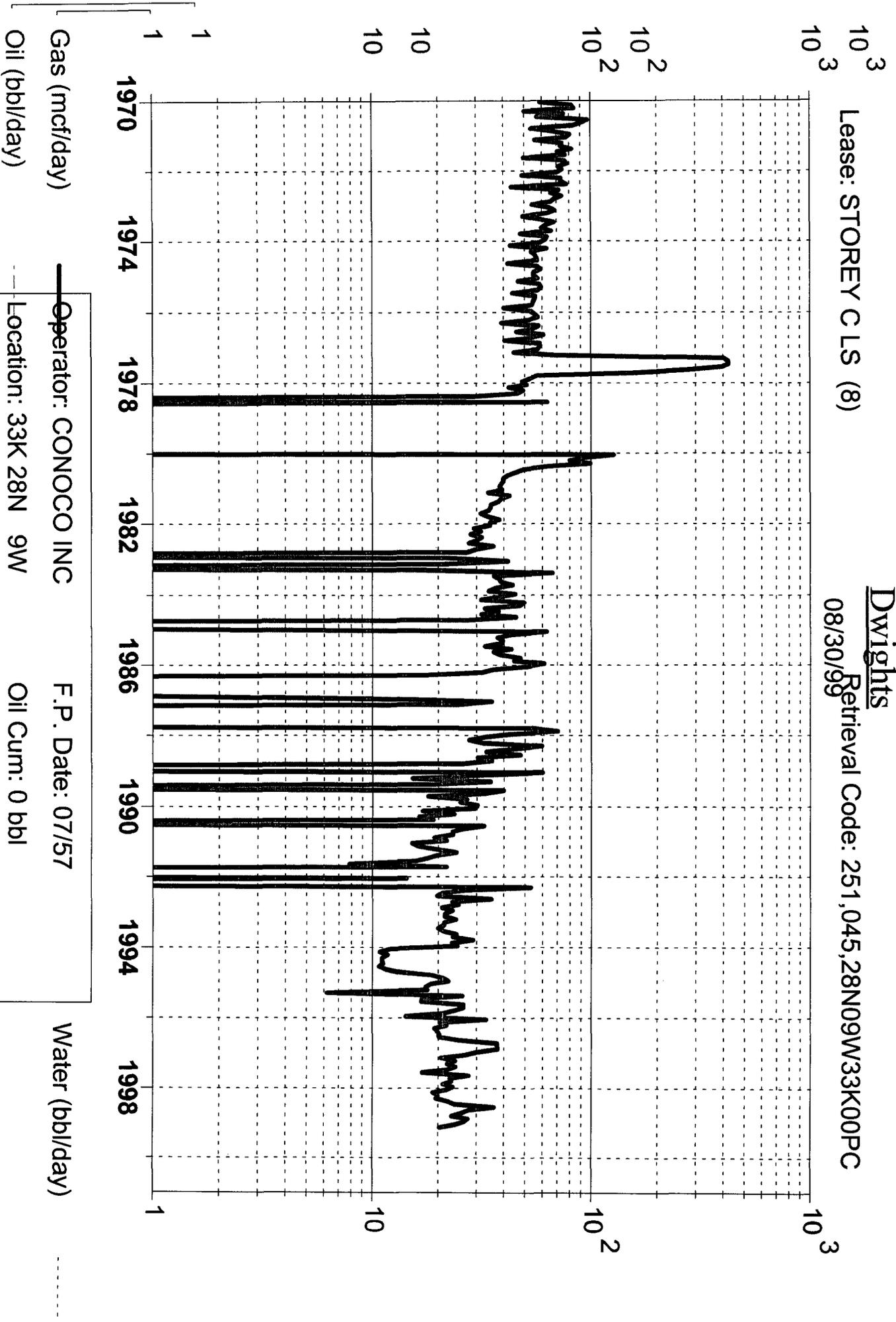
OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS

NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

Lease: STOREY C L S (8)

Dwights  
08/30/99

Retrieval Code: 251,045,28N09W33K00PC



Operator: CONOCO INC

Location: 33K 28N 9W

Field: BLANCO SOUTH (PICTU)

Reservoir: PICTURE CLIFFS

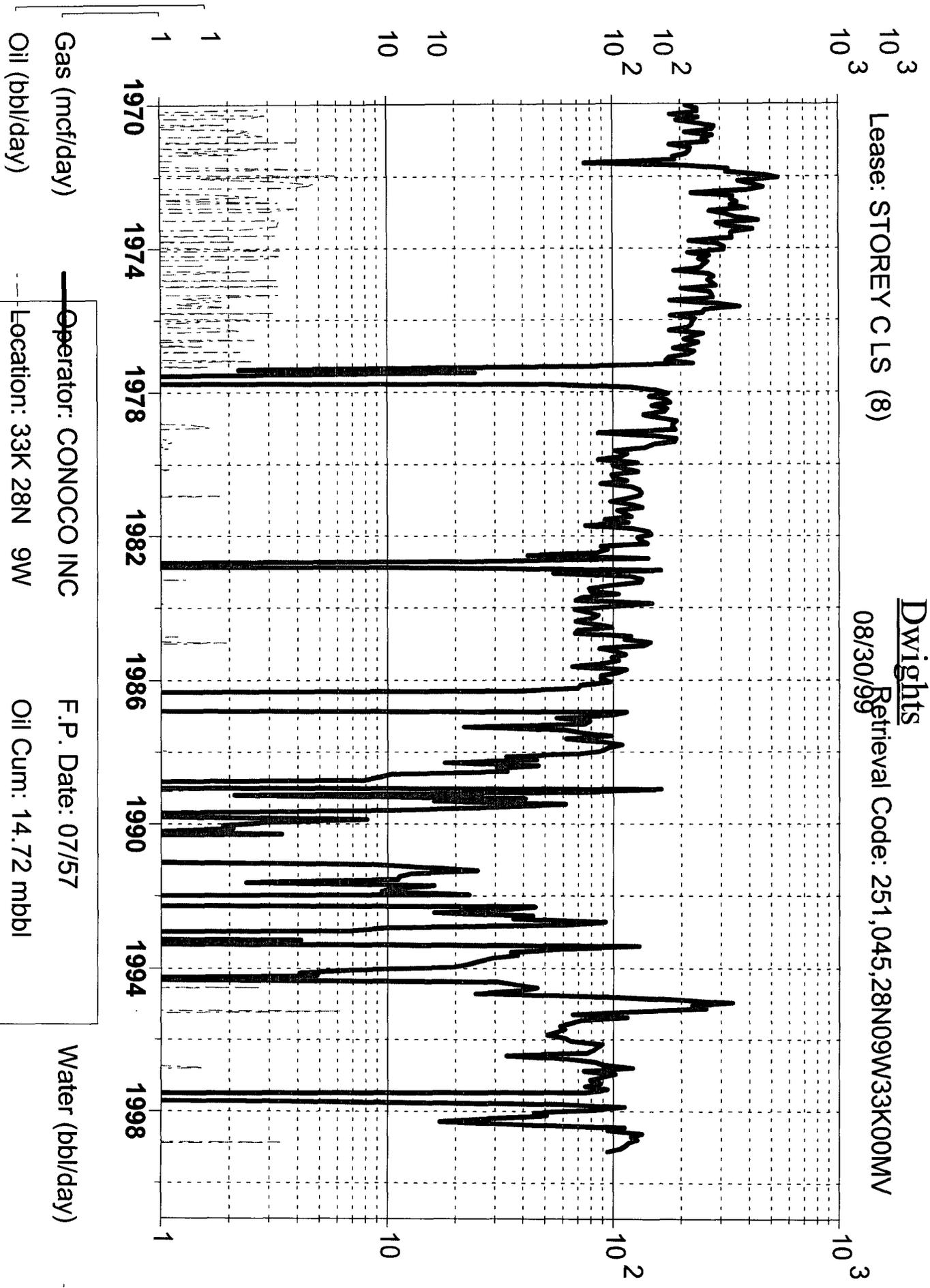
F.P. Date: 07/57

Oil Cum: 0 bbl

Gas Cum: 836.6 mmcf

L.P. Date: 02/99

Lease: STOREY C LS (8)



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

Gas (mcf/day)  
 Oil (bbl/day)

Water (bbl/day)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
SF 077111

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Conoco Inc

3. Address and Telephone No.

P.O. Box 2197 DU-3066 Houston, TX 77252-2197 (281) 293-1005

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

K, Sec. 33, T-28N, R-9W  
1450' FSL & 1850' FWL

8. Well Name and No.

Storey C LS #8

9. API Well No.

30-045-06974

10. Field and Pool, or Exploratory Area

Blanco P.C./Blanco MV

11. County or Parish, State

San Juan, NM

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

**TYPE OF ACTION**

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Downhole Commingle
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Conoco Inc. proposes to DHC this well in the Blanco S. Pictured Cliff and Blanco Mesaverde.

14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*

Title

Regulatory Analyst

281 293-1005

Date

11/1/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side