

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
NMSF 078496A

6. If Indian, Allottee or Tribe Name
8910004590

7. If Unit or CA, Agreement Designation.

8. Well Name and No.

SAN JUAN 28-7 #84

9. API Well No.
30-039-07195

10. Field and Pool, or Exploratory Area
71629 / 72439

11. County or Parish, State
RIO ARRIBA, NM

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

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)

G, SEC.5, T27N, R7W
1472' FNL & 1812' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

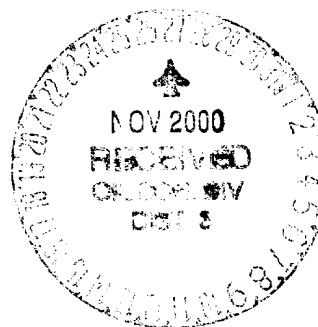
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other DHC
☐ 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 PROPOSES TO DHC THIS WELL IN THE BASIN FRUITLAND COAL AND BLANCO PICTURED CLIFFS.



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

Signed

Deborah Mooy

Title

Regulatory Analyst

Date

3/31/00

(This space for Federal or State office use)

Approved by

/s/ Joe Hewitt

Title

Date

2

Conditions of approval, if any:

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

NMOCD

DISTRICT I
1600 N. Frankl. Dr. Hobbs, NM 88240
DISTRICT II
917 South 7th St. Artesia, NM 88210
DISTRICT III
1301 N. Broadway Rd. Aztec, NM 87410
DISTRICT IV
3040 S. Lincoln St. 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

Form C-107-A
Revised August 1999

APPROVAL PROCESS

Administrative Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc

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

Operator

Address

SAN JUAN 28-7

84

G, SEC. 5, T27N, R7W

RIO ARRIBA

Lease

Well No.

Unit/Lit - Sec - Twp - Rge

County

OGRID NO. 005073

Property Code

016608

API NO.

30-039-07195

Federal

Spacing Unit Lease Types (check all that apply)

☒

State

☐

Land or Fee

☐

☐

☐

☐

☐

☐

☐

☐

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☐

☐

The following facts are submitted in support of downhole commingling: 1. Pool Name and Pool Code	Upper Zone BASIN FRUITLAND COAL 71629	Intermediate Zone	Lower Zone BLANCO P.C. SOUTH 72439
2. Top and Bottom of Pay Section (Perforations)	PROPOSED PERFS 2956 - 3168		PROPOSED PERFS 3199 - 3272
3. Type of production (Oil or Gas)	Gas - expected		Gas - expected
4. Method of Production (Flowing or Artificial Lift)	EXPECTED TO FLOW		EXPECTED TO FLOW
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 1,167 b. (Original) 1,167	a. b.	a. 653 b. 1,250
6. Oil Gravity (EAPI) or Gas BTU Content	1,045		1,250
7. Producing or Shut-in?	TO BE COMPLETED		TO BE COMPLETED
Production Marginal? (yes or no)	Yes		YES
* If Shut-In, give date and oil/gas/water rates of last production	Date: EST. Rates: 150 MCFD	Date: Rates:	Date: EST. Rates: 200 MCFD
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: est. Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: Gas: ALLOCATE BY TEST	Oil: Gas: ALLOCATE BY TEST	Oil: Gas: ALLOCATE BY TEST

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 (minimal)
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. 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 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

3/31/00

TYPE OR PRINT NAME

Deborah Moore

TELEPHONE NO. (281) 293-1005

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-07195	² Pool Code 71629 - 72439	³ Pool Name EASIN FRUITLAND COAL / BLANCO PC SOUTH
⁴ Property Code 016608	⁵ Property Name SAN JUAN 28-7	⁶ Well Number 84
⁷ OGRID No. 005073	⁸ Operator Name Conoco Inc.	⁹ Elevation

¹⁰ Surface Location

UL or lot no. G	Section 5	Township 27N	Range 7W	Lot Idn	Feet from the 1472'	North/South line NORTH	Feet from the 1812'	East/West line EAST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

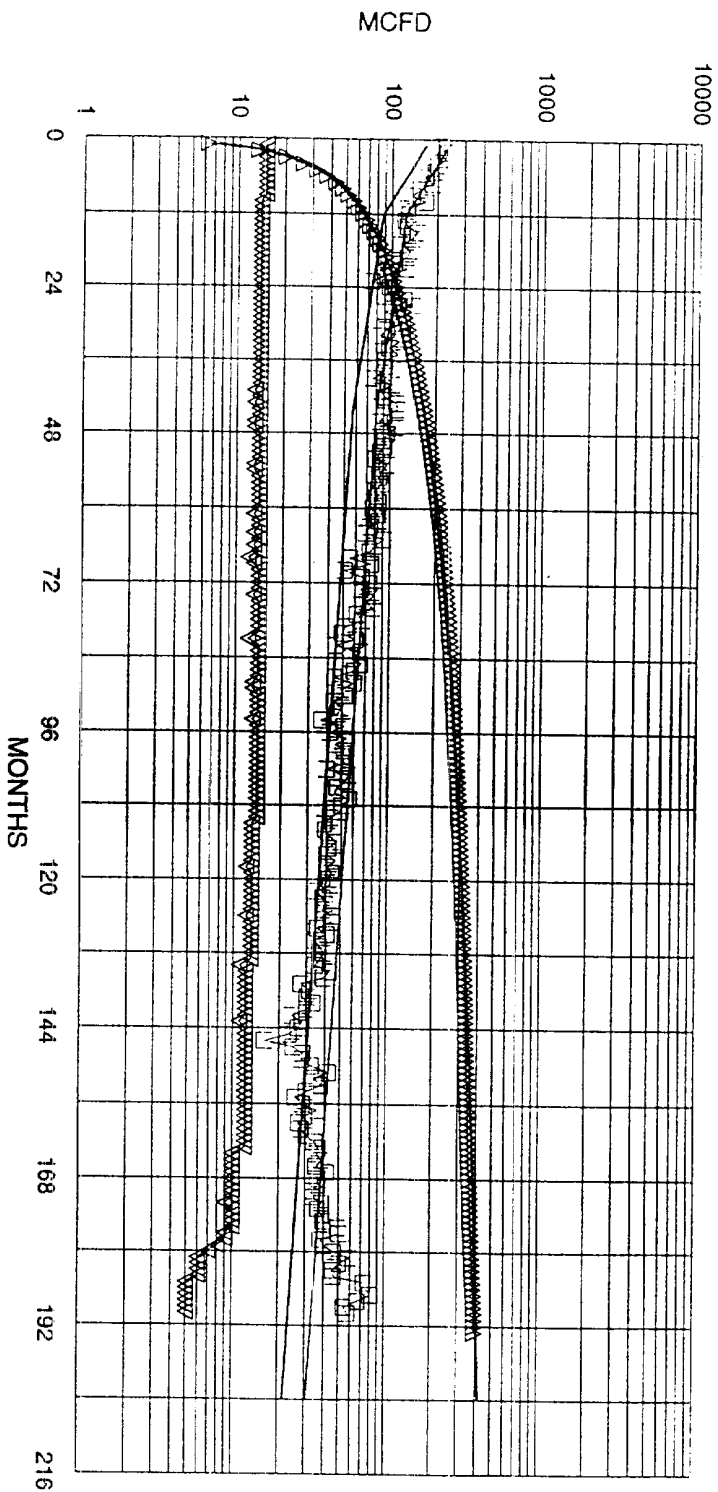
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320/160	¹³ Joint or Infill I	¹⁴ Consolidation Code U	¹⁵ Order No.
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NO 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					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
					Signature <i>Deborah Moore</i>
					Printed Name Deborah Moore
					Title Regulatory Analyst
Date 3/31/00					
				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	

NORMALIZED PICTURED CLIFFS PRODUCTION
PROD. SINCE 1980; 15 PC WELLS LOCATED IN 28N-7W AND 27N-7W (Secs. 1:12)



— FIT MCDF □ NORMALIZED MCDF ▲ NORM CUM MMCF
▽ WELLS ON PRODUCTION — FIT CUM MMCF — RISKED MCDF

Normalized plot for supporting SJ 28-7 PC recompletions

NORMALIZED AVG:

522 MMCF EUR
524 MMCF/33.5YRS
10 MCDF E.L.
0.000158 bbl/mcf oil yield

RISKED AVG:

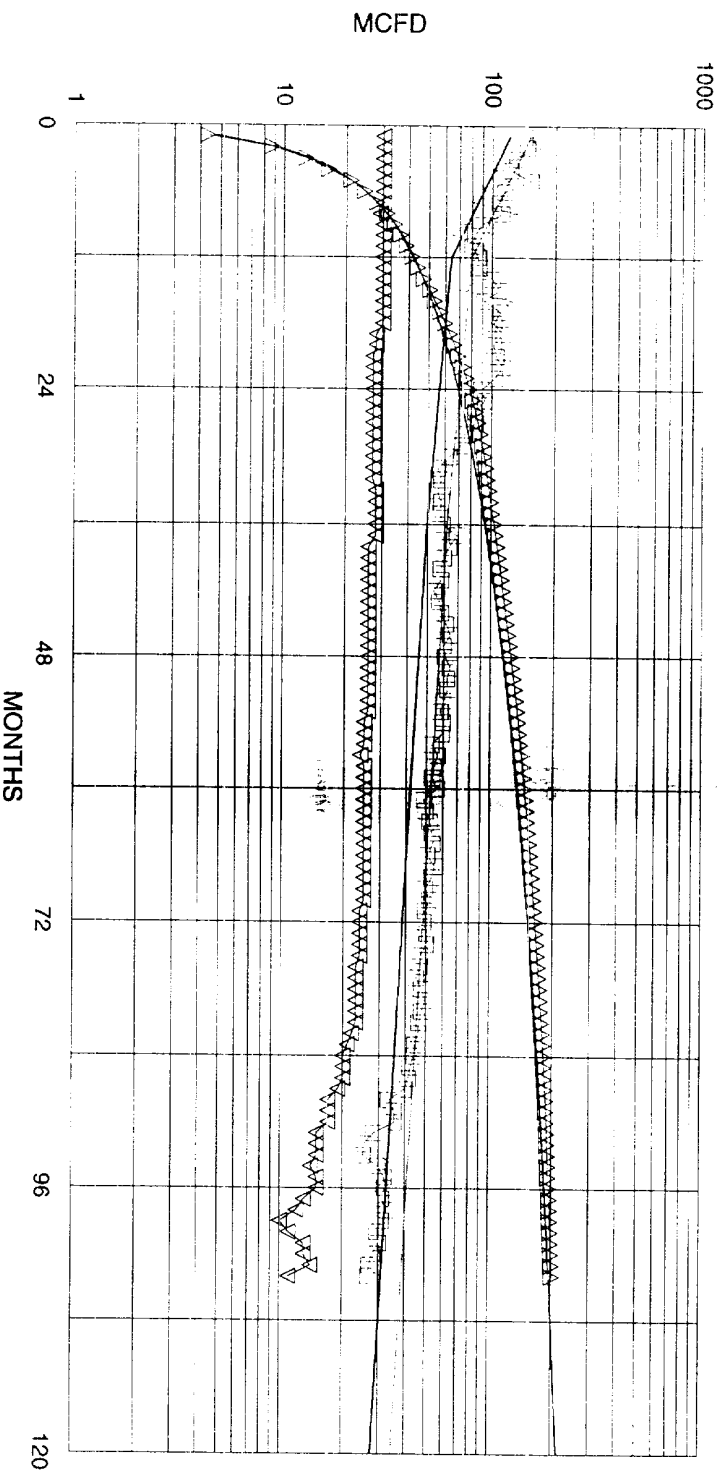
30% RISK

350 MMCF EUR
348 MMCF/27.8 YRS
10 MCDF E.L.
0.000158 bbl/mcf oil yield

175 MCDF IP

50% DECLINE, 1ST 12 MONTHS
15% DECLINE, NEXT 36 MONTHS
7% FINAL DECLINE

NORMALIZED FRUITLAND COAL PRODUCTION
29 WELLS SINCE 1990; 28N-7W & 27N-7W



FIT MCFD	NORMALIZED MCFD	NORM CUM MMCF	WELLS ON PRODUCTION
— FIT CUM MMCF	— RISKED MCFD	SJ 28-7 161, 168, 238R, 245	△

Conoco (15 wells) / Unocal (14 wells)

NORMALIZED AVG:

321 MMCF EUR
299 MMCF IN 20 YRS
10 MCFD E.L.
0.0000 bbl/mcf oil yield

RISKED AVG:

20% RISK

160 MCFD IP
50.0% DECLINE, 1ST 12 MONTHS
12.0% DECLINE, NEXT 24 MONTHS
8.0% FINAL DECLINE

248 MMCF EUR
240 MMCF IN 20 YRS
10 MCFD E.L.
0.0000 bbl/mcf oil yield

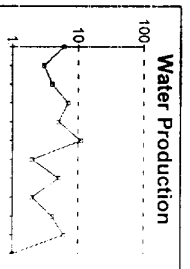
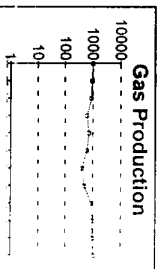
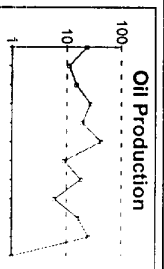
128 MCFD IP
50.0% DECLINE, 1ST 12 MONTHS
12.0% DECLINE, NEXT 24 MONTHS
8.0% FINAL DECLINE

Lease: SAN JUAN 28 7 UNIT
 Field: BLANCO (MESASVERDE) MV
 Operator: CONOCO INC
 RCI #: 251.039.27N07W05G00MV
 API #: 30-039-07195-00

Well #: 84
 Location: 5G 27N 7W
 Liquid Cum: 4,752 bbls
 Gas Cum: 445,772 mcf
 Status: ACT GAS

FP Date: 58-09
 LP Date: 99-10
 Liq Since: FPDATE
 Gas Since: FPDATE

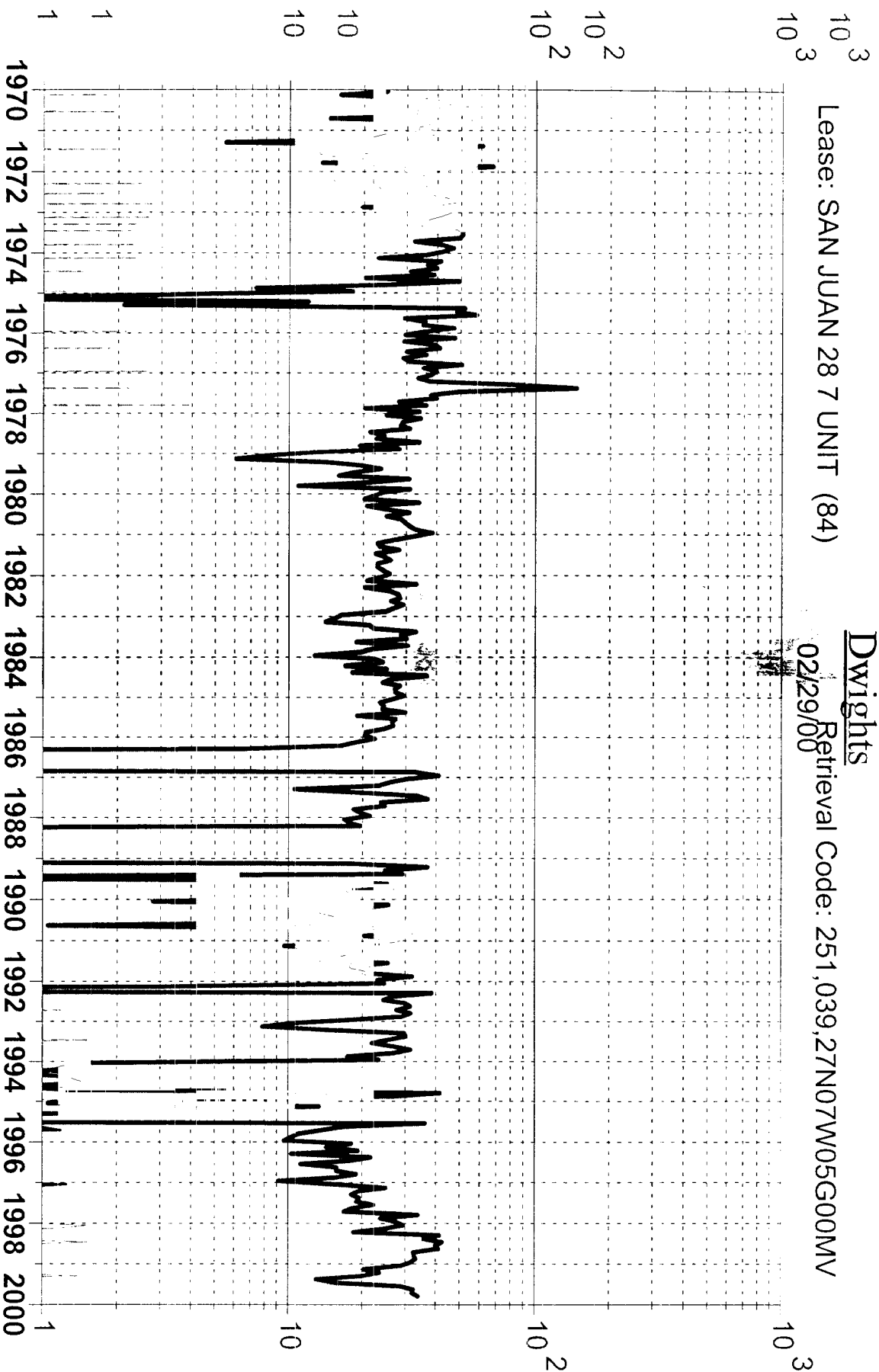
DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
11/1998	23	998	6	1
12/1998	11	953	3	1
01/1999	15	870	4	1
02/1999	27	616	7	1
03/1999	19	712	5	1
04/1999	42	606	11	1
05/1999	9	395	2	1
06/1999	18	475	5	1
07/1999	6	868	2	1
08/1999	16	978	4	1
09/1999	25	969	6	1
10/1999	0	1,022	0	1
Total	211	9,462	55	



Lease: SAN JUAN 28 7 UNIT (84)

Dwights
02/29/00

Retrieval Code: 251,039,27N07W05G00MV



Gas (mcf/day)

Operator: CONOCO INC

F.P. Date: 09/58

Water (bbl/day)

Oil (bbl/day)

Location: 5G 27N 7W

Oil Cum: 4752 bbl

Upper Perf: 5408 ft

Gas Cum: 445.8 mmcf

Lower Perf: 5554 ft

Reservoir: MESAVERDE