

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 March 17, 1999
APPROVAL PROCESS:
☒ Administrative
☐ Hearing
EXISTING WELLBORE
☒ YES ☐ NO

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

Operator San Juan 28-7 #1 Address A, Sec. 33, T-28N, R-7W Rio Arriba
Lease Well No. Unit Ltr. - Sec - Twp - Rge Spacing Unit Lease Types: (check 1 or more)
OGRID NO. 005073 Property Code 016608 API NO. 30-039-07274 Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling: 1. Pool Name and Pool Code	Upper Zone Blanco Pictured Cliff S 72439	Intermediate Zone	Lower Zone Blanco Mesaverde 72319
	2. Top and Bottom of Pay Section (Perforations)	2658' - 3696'	
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: Measured Current Estimated Or Measured Original	a. (Current) 381		a. 562
	b. (Original) 1227		b. 1305
6. Oil Gravity (EAPI) or Gas BTU Content	1190		1254
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: NA	Date: Rates:	Date: Rates: NA
	Date: Rates: Approx. current rate = 21MCFD	Date: Rates:	Date: Approx. current rate = 12MCFD
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: 0 % Gas: 20 %	Oil: % Gas: %	Oil: 100 % Gas: 80 %

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 ☐ 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. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). B-10476-B
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 Deborah Moore TITLE Regulatory Analyst DATE 09/07/99

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 30-039-07274	² Pool Code 72439/72319	³ Pool Name Blanco S. Pictured Cliffs, Blanco Mesaverde
⁴ Property Code 016608	⁵ Property Name San Juan 28-7 Unit	⁶ Well Number #1
⁷ OGRID No. 005073	⁸ Operator Name Conoco Inc.	⁹ Elevation 6074'

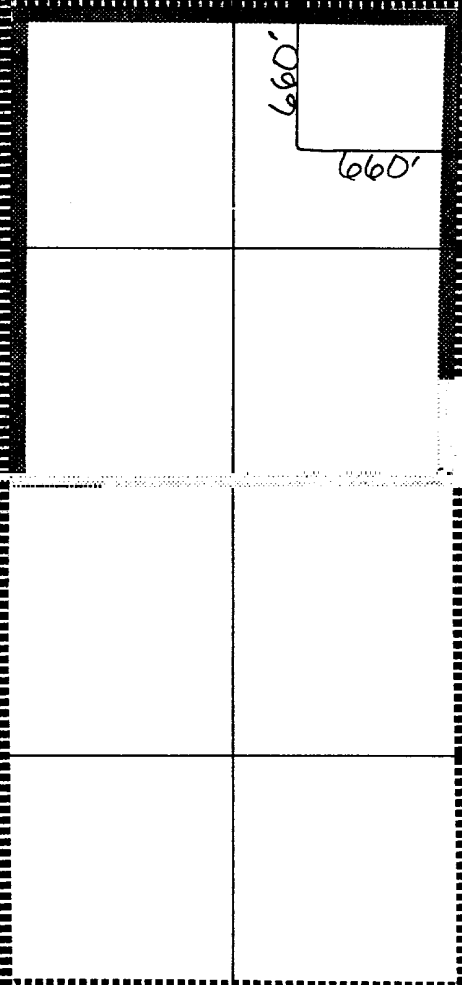
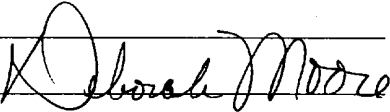
¹⁰ Surface Location

UL or lot no. A	Section 33	Township 28N	Range 7W	Lot Idn	Feet from the 660'	North/South line North	Feet from the 660'	East/West line East	County Rio Arriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. NA	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160/320	¹³ Joint or Infill	¹⁴ Consolidation Code U	¹⁵ 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

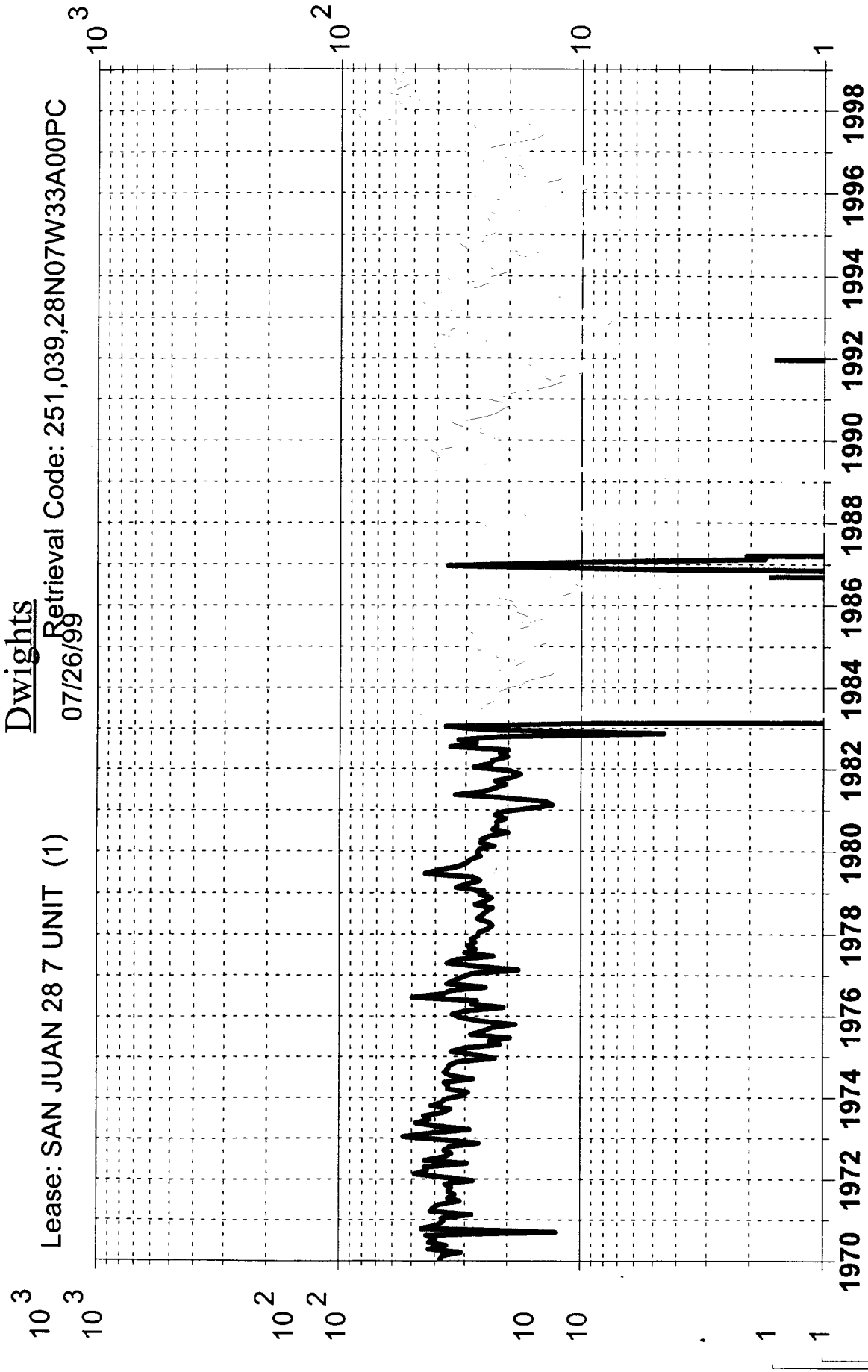
16		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature  Printed Name Deborah Moore/281-293-1005 Title Regulatory Analyst Date 09/13/99
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location 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 Surveyer: Certificate Number

RECEIVED
OCT. 12 1999
OIL CON. DIV.
DIST. 3

Dwights

Lease: SAN JUAN 28 7 UNIT (1)

Retrieval Code: 251,039,28N07W33A00PC
07/26/99



Oil (bbl/day)

Water (bbl/day)

Gas (mcf/day)

Operator: CONOCO INC

F.P. Date: 11/59

Location: 33A 28N 7W

Oil Cum: 0 bbl

Field: BLANCO SOUTH (PICTU) Gas Cum: 450.2 mmcf

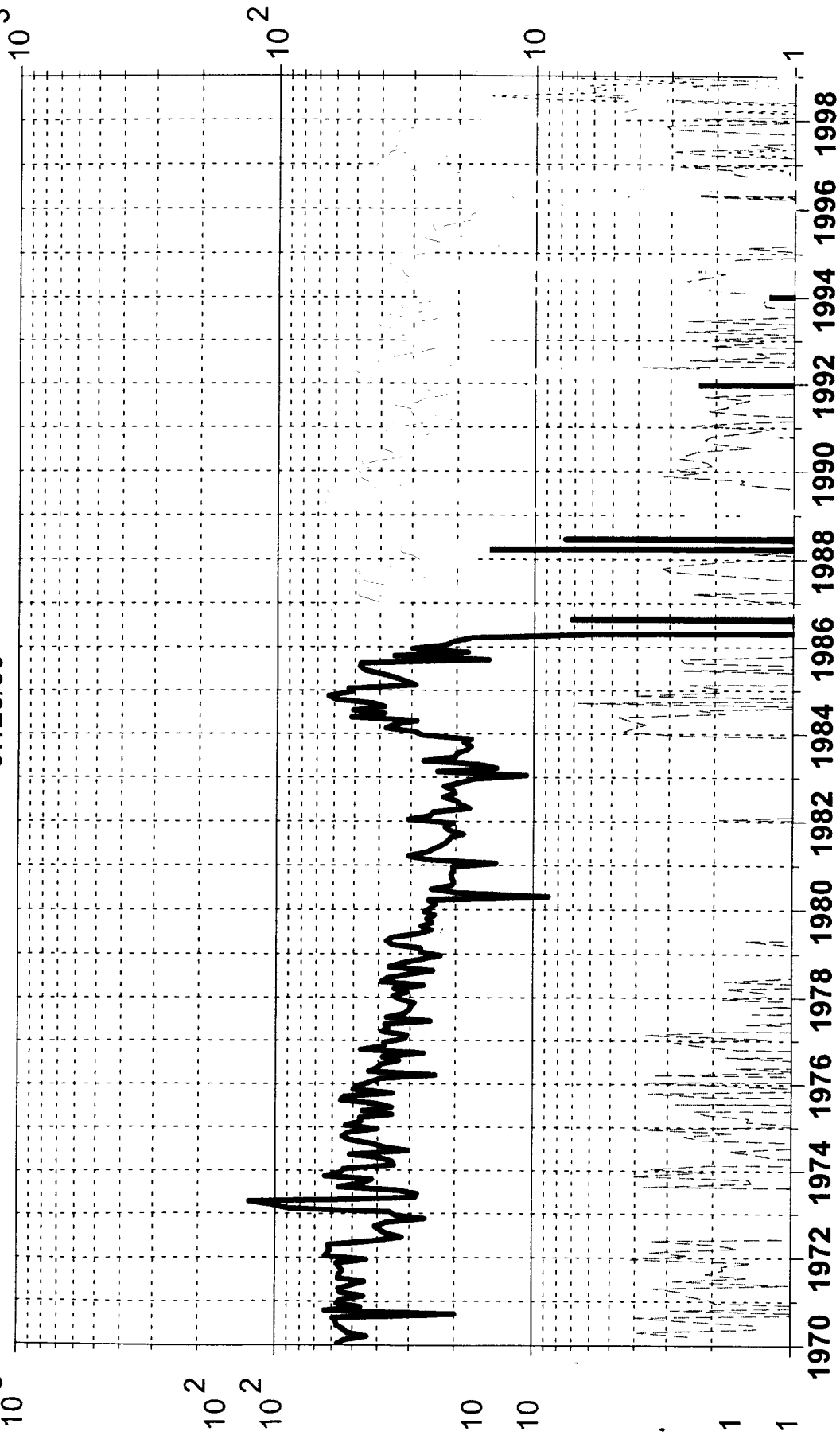
Upper Perf: 2658 ft

L.P. Date: 02/99

Dwights

Lease: SAN JUAN 28 7 UNIT (1)

Retrieval Code: 251,039,28N07W33A00MV
07/26/99



Oil (bbl/day)

Water (bbl/day)

Gas (mcf/day)

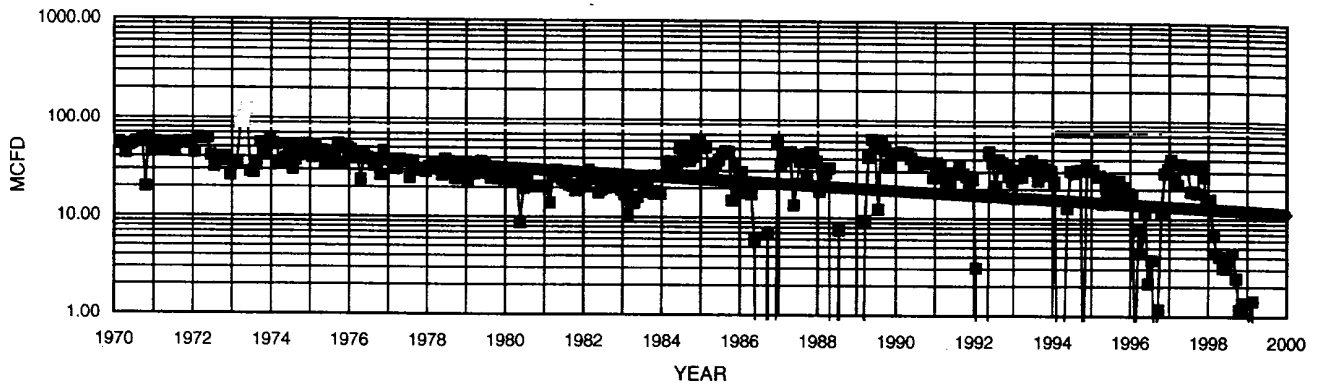
Operator: CONOCO INC F.P. Date: 10/59

Location: 33A 28N 7W Oil Cum: 19.17 mbbl

Field: BLANCO (MESAVARDE) Gas Cum: 715.9 mmcf

Upper Perf: 4886 ft L.P. Date: 02/99

**SAN JUAN 28-7 #1 MESAVERDE PRODUCTION
SECTION 33A-28N-07W**



MESAVERDE HISTORICAL DATA:

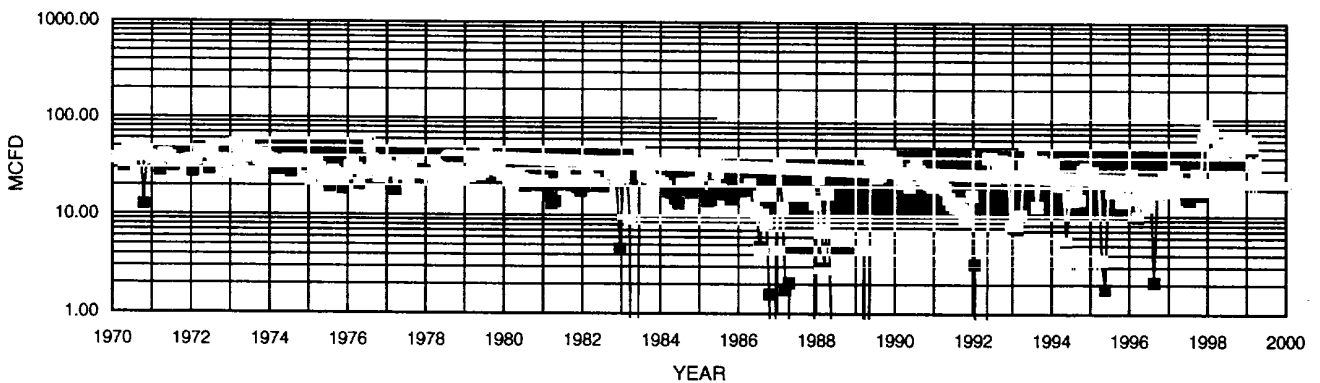
1ST PROD: 10/59

OIL CUM: 10.72 MBO (since 1970)
GAS CUM: 300.3 MMCF (since 1970)
OIL YIELD: 0.0357 BBL/MCF

MESAVERDE PROJECTED DATA:

09/01/99 Qi: 12 MCFD
DECLINE RATE: 5.0% (EXPONENTIAL)

**SAN JUAN 28-7 #1 PICTURED CLIFFS PRODUCTION
SECTION 33A-28N-07W**



PICTURED CLIFFS HISTORICAL DATA:

1ST PROD: 11/59

OIL CUM: 0.0 MBO (since 1970)
GAS CUM: 219.5 MMCF (since 1970)
OIL YIELD: 0.0000 BBL/MCF

PICTURED CLIFFS PROJECTED DATA:

09/01/99 Qi: 21 MCFD
DECLINE RATE: 3.0% (EXPONENTIAL)

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL
MESAVERDE	36%	100%
PICTURED CLIFFS	64%	0%

API # 30-039-07274

GAS ALLOCATION BASED ON PROJECTED 1999 RATES
OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS

NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGY DATA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)

A, Sec. 33, T-28N, R-7W
660' FNL & 660' FEL

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SF 078498

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8910004590

8. Well Name and No.

San Juan 28-7 #1

9. API Well No.

30-039-07274

10. Field and Pool, or Exploratory Area

Blanco P.C. South
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, 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

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

It is proposed to downhole commingle this well in the Blanco P.C. South and Blanco Mesaverde

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

Signed

Abraham Moore

Title

Regulatory Analyst

Date 08/17/99

(This space for Federal or State office use)

Approved by

Conditions of approval if any:

Title

Date

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