

DISTRICT I
1425 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 Address
San Juan 28-7 Unit 103 A1, Sec. 3, T-27N, R-7W Rio Arriba
Lease Well No. Unit Ltr. Sec. Twp. Rge. County
OGRID NO. 005073 Property Code 016608 API NO. 30-039-07209 Federal ☒ State (and/or) Fee

The following facts are true and correct to the best of my knowledge and belief.			
1. Pool Name and Pool Code	Blanco P.C. South 72439		Blanco Mesaverde 72319
2. Top and Bottom of Pay Section (Perforations)	2766' - 2860'		4480' - 4554' ; 5004-5110
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) 562' * b. (Original) 1305	a. b.	a. 381 b. 1227
6. Oil Gravity (EAPI) or Gas BTU Content	1254		1190
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: Estimated Menefee Rates: Uplift = 250 MCFD	Date: Rates:	Date: Current Average - Rates: 51 MCFD
8. Fixed Percentage Allocation Formula - % for each zone (total of %s to equal 100%)	Oil: % Gas: %	Oil: % Gas: %	Oil: % Gas: %

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. 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 9/17/99

TYPE OR PRINT NAME Deborah Moore TELEPHONE NO. (281) 291-1005

*Current Mesaverde bottomhole pressures are estimated at 500-600 psi. However, the Menefee bottomhole pressure could be 1200-1300 psi reflecting undepleted, virgin conditions.

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State of New Mexico
Energy, Minerals & Natural Resources

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

¹ API Number 30-039-07209	² Pool Code 72319 / 72439	³ Pool Name Blanco Mesaverde / Blanco Picture Cliffs
⁴ Property Code 016608	⁵ Property Name San Juan 28-7 Unit	⁶ Well Number 103
⁷ OGRID No. 005073	⁸ Operator Name Conoco Inc.	⁹ Elevation 5226'

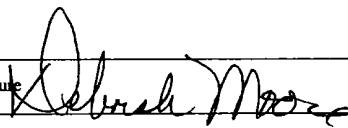
¹⁰ Surface Location

UL or lot no. N	Section 6	Township 27N	Range 7W	Lot Idn	Feet from the 816'	North/South line North	Feet from the 1041'	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
¹² Dedicated Acres 160/320	¹³ Joint or Infill Y	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 RECEIVED OCT - 5 1999 OIL CON. DIV. PAGE 3		816' North 1041' East	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 Title Regulatory Analyst Date 09/20/99
			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

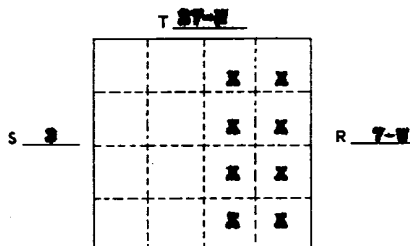
EL PASO NATURAL GAS COMPANY

AUTHORITY FOR DEVELOPMENT

To: Drilling and Petroleum Engineering Departments

The following drilling site, which is on a ☒ producing☐ non-producing lease, having been setup on our 1959 drilling program, has been processed by the Land Department

and is hereby approved for drilling.

Dedication: T-27-N, R-7-W, N.E.1/4Location: T-27-N, R-7-WSection 3: N/2Section 3: NE/4Formation: Pictured Cliffs - MancoskeContaining 210.15 acres, more or lessEl Paso Natural Gas Full gas rights to base
Company's Interest: of Mancoske under both leasesOutside Interest (s): None

Lease or Leases and Lands Committed:

Lease Number	Lessor	Expires	Lease Acreage Dedicated	Working Interest Owner	File No.
Tr. 25 NW 070426	U.S.A.	•	Lots 1,2, 2/3 NE/4	EPNG Co.	NW 3363
Tr. 219 NW 070072	U.S.A.	•	SE/4	EPNG Co.	NW 4002

Well must be (commenced) ~~(commenced)~~ by 3-1-59

Remarks: (Time limitations, special contractual provisions, etc.)

Held by production. Both leases fully committed to San Juan 22-7 Unit. This is aPO-NV intervening drilling block. Tr. 25 - Subject to L.E.A. dated 4-9-58 by andbetween Three States Natural Gas and EPNG Co. Tr. 219 - Subject to Agreement dated2-9-58 between Pubco & El Paso. Pubco's GIM converts to a 40% W.I. after payout.Date: 3-24-59Attorneys
ORIGINAL SIGNED BY
W. DYER MOORE, JR.Title Approved for Drilling ☒
Title conditionally approved ☐
(Subject to Remarks on Reverse Side.)ORIGINAL SIGNED BY
SAM SMITHDate: MAR 25 1959

Land Department

WELL AUTHORIZED FOR DRILLING:

Date: 3-25-59Signed H. F. STEEN

Management

Work Order

Well Name and Number San Juan 22-7 Unit #100 (NW)Number 53759

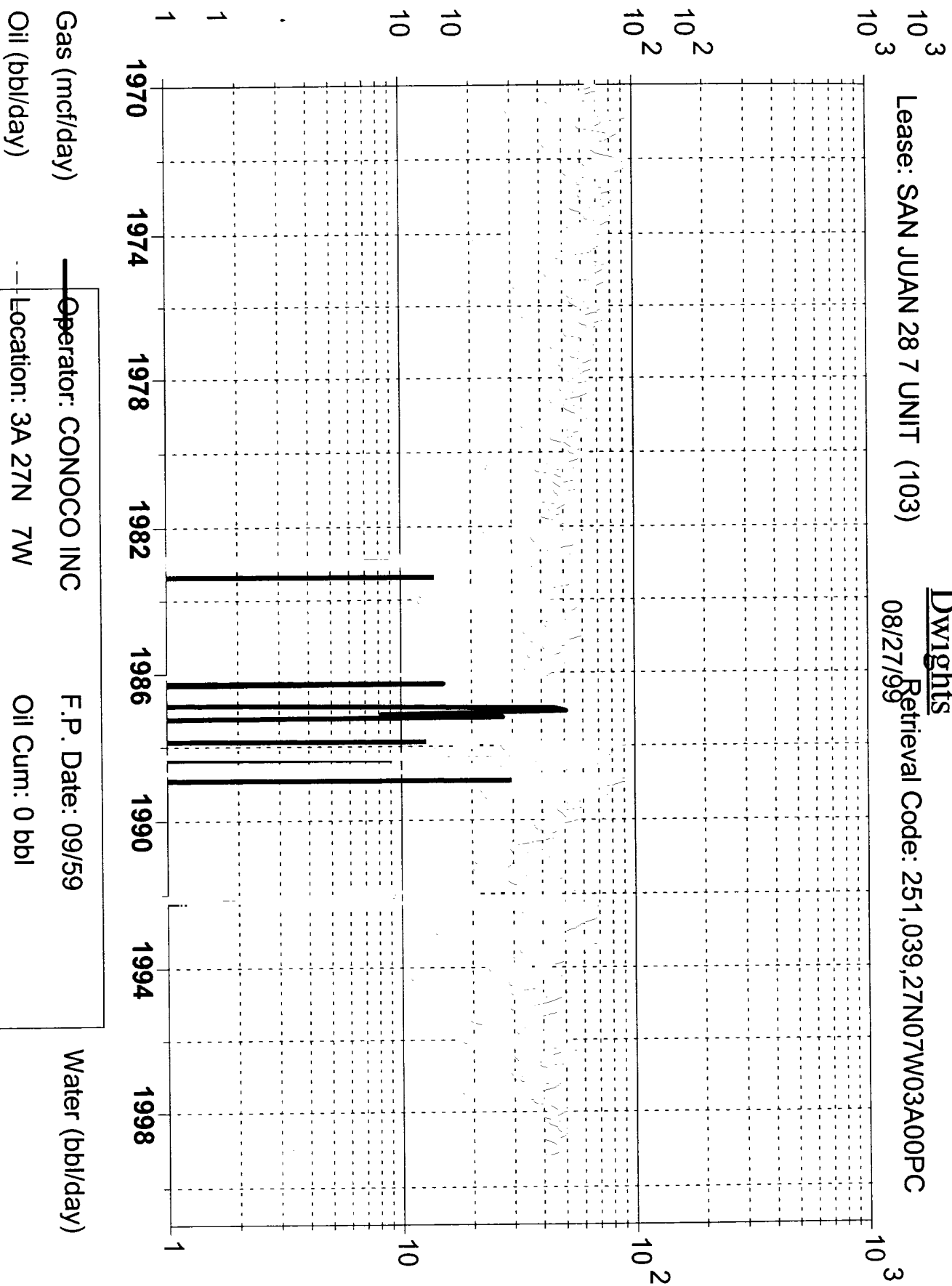
Rig Name and/or Number

(JMW)

Lease: SAN JUAN 28 7 UNIT (103)

Dwights
08/27/99

Retrieval Code: 251,039,27N07W03A00PC



Gas (mcf/day)

Oil (bbl/day)

Operator: CONOCO INC

Location: 3A 27N 7W

Field: BLANCO SOUTH (PICTU Gas Cum: 771.1 mmcf

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

Water (bbl/day)

10³
10³

Lease: SAN JUAN 28 7 UNIT (103)

Dwights
08/27/99

Retrieval Code: 251,039,27N07W03A00MV

10³
10²

10²
10²

10
10

1
1

1970

1974

1978

1982

1986

1990

1994

1998

Gas (mcf/day)

Oil (bbl/day)

Operator: CONOCO INC

Location: 3A 27N 7W

Field: BLANCO (MESAVERDE)

Reservoir: MESAVERDE

F.P. Date: 09/59

Oil Cum: 22.49 mbbl

Gas Cum: 4545 mmcf

L.P. Date: 02/99

Water (bbl/day)

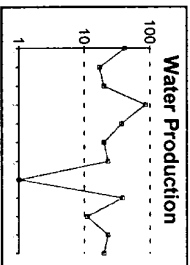
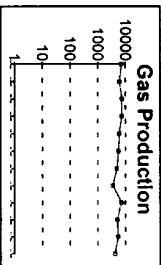
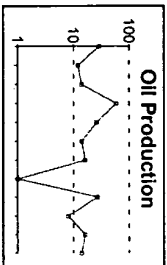
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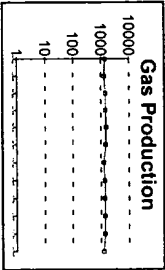
Lease:	SAN JUAN 28 7 UNIT	Well #:	103	FP Date:	59-09
Field:	BLANCO (MESAVARDE) MV	Location:	3A 27N 7W	LP Date:	99-02
Operator:	CONOCO INC	Liquid Curr:	22,493 bbls	Liq Since:	FPDATE
RCI #:	251,039,27N07W03A00MV	Gas Curr:	4,545,470 mcf	Gas Since:	FPDATE
API #:	30-039-07209-00	Status:	ACT GAS		

DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
03/1998	29	7,039	41	1
04/1998	12	6,025	17	1
05/1998	14	7,315	20	1
06/1998	59	7,199	84	1
07/1998	26	5,857	37	1
08/1998	14	5,518	20	1
09/1998	16	4,733	23	1
10/1998	0	3,456	0	1
11/1998	27	6,968	38	1
12/1998	8	5,051	11	1
01/1999	16	5,259	23	1
02/1999	14	4,138	20	1
Total	235	68,558	334	



Lease:	SAN JUAN 28 7 UNIT	Well #:	103	FP Date:	59-09
Field:	BLANCO SOUTH (PICTURE CLIFFS) PC	Location:	3A 27N 7W	LP Date:	99-02
Operator:	CONOCO INC	Liquid Cum:		Liq Since:	FPDATE
RCI #:	251.039.27N07W03A00PC	Gas Cum:	771,147 mcf	Gas Since:	FPDATE
API #:	30-039-07209-00	Status:	ACT GAS		

DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
03/1998	0	1,391	0	1
04/1998	0	1,297	0	1
05/1998	0	1,413	0	1
06/1998	0	1,418	0	1
07/1998	0	1,493	0	1
08/1998	0	1,442	0	1
09/1998	0	1,251	0	1
10/1998	0	1,356	0	1
11/1998	0	1,398	0	1
12/1998	0	1,391	0	1
01/1999	0	1,365	0	1
02/1999	0	1,255	0	1
Total	0	16,470	0	



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.
E290-28

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
SAN JUAN 28-7

8. Well Name and No.
SAN JUAN 28-7 # 103

9. API Well No.
30-039-07209

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE/BLANCO P. (

11. County or Parish, State SO.
RIO ARRIBA, NM

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)

A1, SEC 6, T - 27N, R - 7W
816' FNL & 1041' FEL

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 DOWNHOLE COMMINGLE THIS WELL IN THE BLANCO MESAVERDE AND
BLANCO PICTURED CLIFF SOUTH

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

Signed

Deborah Moore

Title

Regulatory Analyst
281 293-1005

Date

9/20/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any:

BLM(6), NMOC(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