

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241 1980

DISTRICT II
811 South First St. Artesia NM 88210 2835

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410 1693

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
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator: Conoco Inc. Address: 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

Lease: San Juan 28-7 Unit Well No: 250 Unit Ltr Sec Twp Rge: Section 30, T-28-N, R-7-W, K County: Rio Arriba

OGRID NO. 005073 Property Code 016608 API NO. 30-039-21637 Spacing Unit Lease Types: (check 1 or more)
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 Mesaverde 72319		Basin Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	4348-5198'		6963-7178'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current)	a. JAN 09 1998	a.
Oil Zones - Artificial Lift: Estimated Current	457		732
Gas & Oil - Flowing: Measured Current	b. (Original)		b.
All Gas Zones: Estimated Or Measured Original	1230		2922
6. Oil Gravity (*API) or Gas BT Content	1230		1191
7. Producing or Shut-In?	To be completed		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date and oil/gas/water rates of last production	Date Rates	Date Rates	Date Rates
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.			
• If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates	Date Rates	Date Rates
	Incremental Production by Subtraction		Mid-year Avg. Rates - See table
8. Fixed Percentage Allocation Formula - % for each zone	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 ☐
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 others ☒ 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) R-10476-B

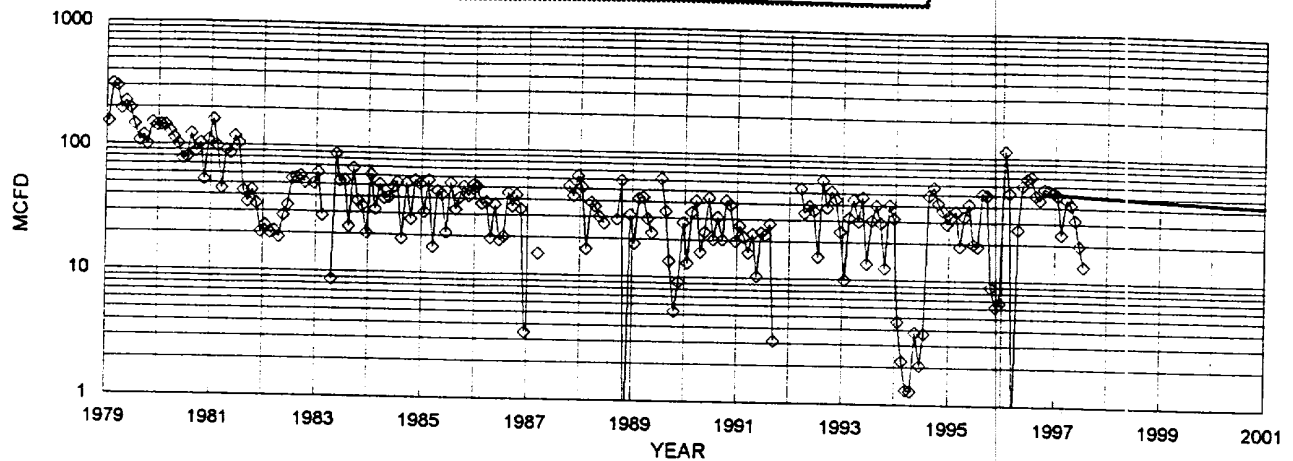
16. ATTACHMENTS
• C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
• Production curve for each zone for at least one year. (If not available, attach explanation.)
• For zones with no production history, estimated production rates and supporting data.
• Data to support 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 Kay Maddox TITLE Regulatory Agent DATE January 6, 1998

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

**SAN JUAN 28-7 NO. 250 DAKOTA PRODUCTION
SECTION 30K-28N-07W**



◇ DAKOTA MCFD — FIT MCFD

DAKOTA HISTORICAL DATA: 1ST PROD: 01/79

OIL CUM: 4.36 MBO

GAS CUM: 306.3 MMCF

CUM OIL YIELD: 0.0142 BBL/MCF

OIL YIELD: 0.0120 BBL/MCF, LAST 3 YRS

AVG. USED: 0.0131 BBL/MCF

DAKOTA PROJECTED DATA

1/1/98 Q1: 49 MCFD

DECLINE RATE: 4.0% (EXPONENTIAL)

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
1998	48.4	0.6
1999	46.5	0.6
2000	44.6	0.6
2001	42.8	0.6
2002	41.1	0.5
2003	39.5	0.5
2004	37.9	0.5
2005	36.4	0.5
2006	34.9	0.5
2007	33.5	0.4
2008	32.2	0.4
2009	30.9	0.4
2010	29.7	0.4
2011	28.5	0.4
2012	27.3	0.4
2013	26.3	0.3
2014	25.2	0.3
2015	24.2	0.3
2016	23.2	0.3
2017	22.3	0.3
2018	21.4	0.3
2019	20.5	0.3
2020	19.7	0.3
2021	18.9	0.2
2022	18.2	0.2
2023	17.5	0.2
2024	16.8	0.2
2025	16.1	0.2
2026	15.4	0.2
2027	14.8	0.2
2028	14.2	0.2
2029	13.7	0.2
2030	13.1	0.2
2031	12.6	0.2
2032	12.1	0.2

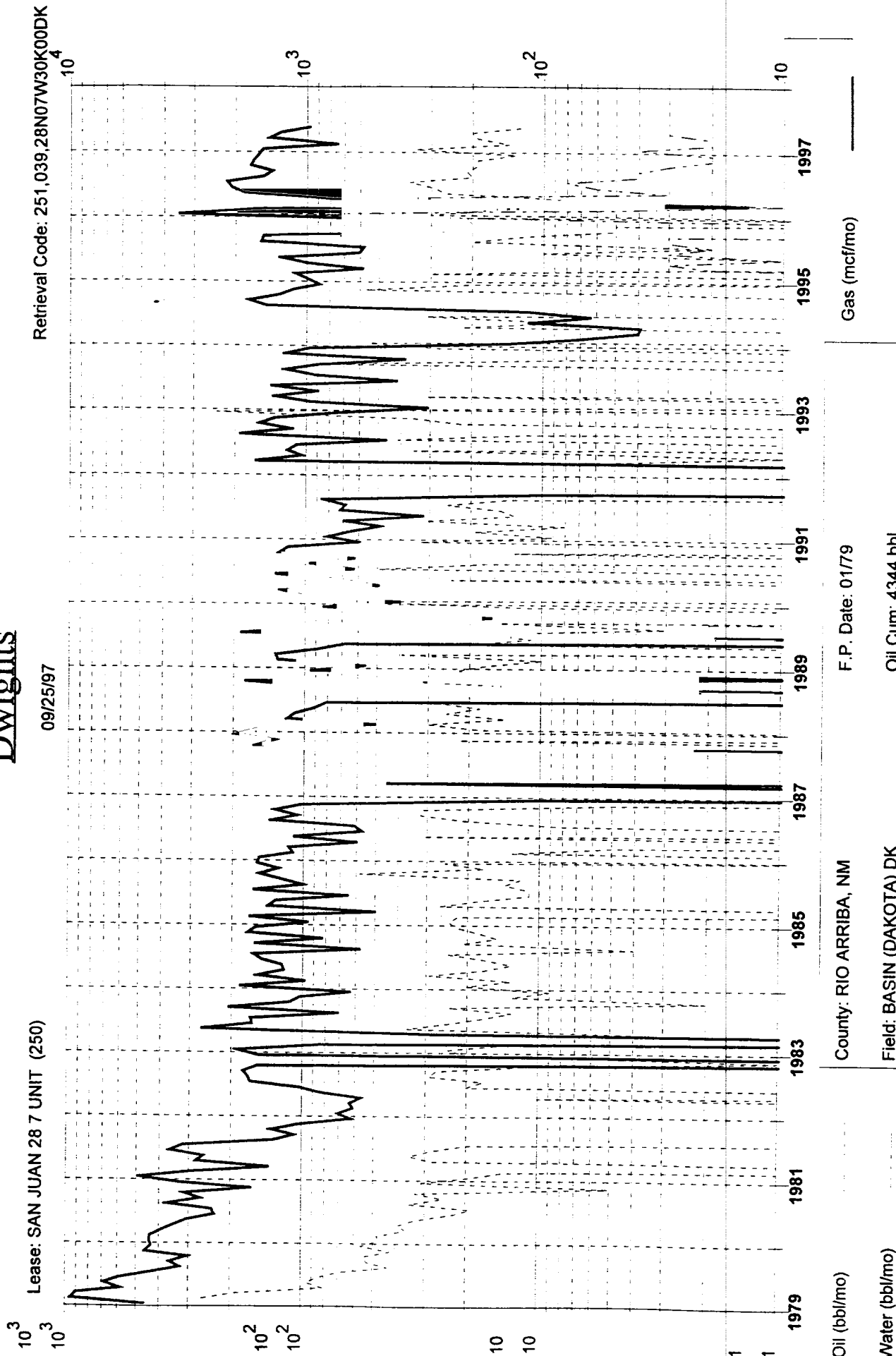
PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

Dwights

Lease: SAN JUAN 28 7 UNIT (250)

09/25/97

Retrieval Code: 251,039,28N07W30K00DK



County: RIO ARRIBA, NM

F.P. Date: 01/79

Field: BASIN (DAKOTA) DK

Oil Cum: 4344 bbl

Reservoir: DAKOTA

Gas Cum: 305.3 mmcf

Operator: CONOCO INC

Location: 30K 28N 7W

NEW MEXICO OIL CONSERVATION COM. 310N
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section.

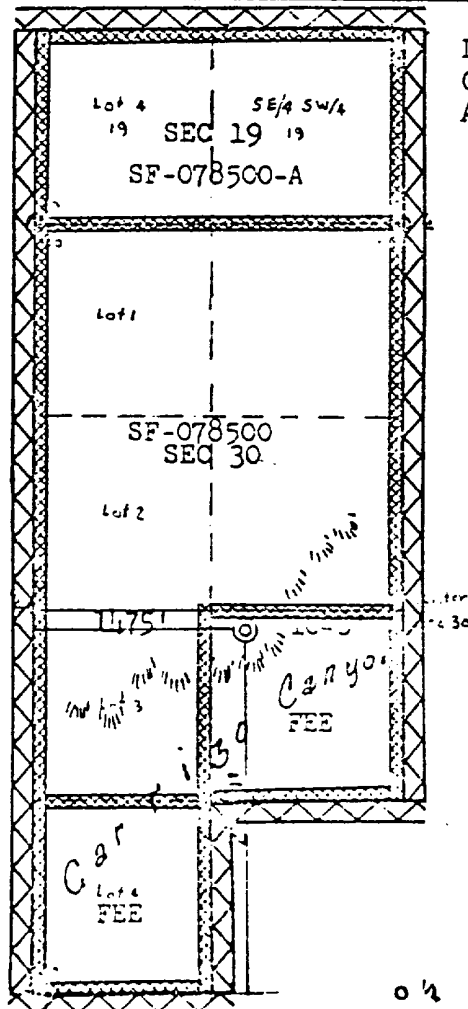
Operator El Paso Natural Gas Company			Lease San Juan 23-7 Unit (FEE)		Well No. 250
Unit Letter K	Section 30	Township 28N	Range 7W	County Rio Arriba	
Actual Footage Location of Well: 2500 feet from the South line and 1475 feet from the West line					
Ground Level Elev. 6168	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 242.17 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



DEDICATION PER N.M.O.C.C.
ORDER #R-2948
August 6, 1965

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

D. B. Biscoe

Name
Drilling Clerk

Position
El Paso Natural Gas Co.

Company
January 31, 1978

Date

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 knowledge and belief.

Date Surveyed
November 27, 1977

Registered Professional Engineer and Land Surveyor
Fred B. Kern Jr.

Certificate No.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd. Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994
instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-21637		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 016608		5 Property Name San Juan 28-7 Unit			6 Well Number 250
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 6168' GL

10 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	30	28N	7W		2500	South	1465	West	Rio Arriba

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 305	13 Joint or Infill	14 Consolidation Code	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

1465'		2500'	
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17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Kay Maddox
Signature
Kay Maddox

Printed Name
Regulatory Agent

Title
January 6, 1998

Date

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



Mid-Continent Region
Exploration/Production

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

San Juan 28-7 Unit Well # 250
Downhole Commingle Application C-107-A

RE: Offset Operators

Amoco Prod. Co.
PO Box 800
Denver, CO 80265

Richardson Operating Co.
1700 Lincoln St STE 1700
Denver, CO 80203

S&G Interests LTD
811 Dallas STE 1505
Houston, TX 77002

Burlington Oil & Gas Resources
PO Box 4289
Farmington, NM 87499