

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

Conoco Inc.

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

San Juan 28-7 Unit

128 M

Section 12, T-27-N, R-7-W, 1

Rio Arriba

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code 016608

API NO.

30-039-25419

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)	4874-5755'		7508-7712'
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.	a.
Oil Zones - Artificial Lift: Estimated Current	336 psi		361 psi
Gas & Oil - Flowing: Measured Current	b(Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	1190 psi		2900 psi
6. Oil Gravity (°API) or Gas BT Content	1229		1239
7. Producing or Shut-In?	Producing		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 Est 1/98 189 MCFD, .85 BOPD, 5 BWPD	Date Rates	Date Rates Est 1/98 582 MCFD, 5.9 BOPD, 4 BWPD
8. Fixed Percentage Allocation Formula - % for each zone	Oil 13 % Gas 25 %	Oil % Gas %	Oil 87 % Gas 75 %

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. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S).

16. ATTACHMENTS

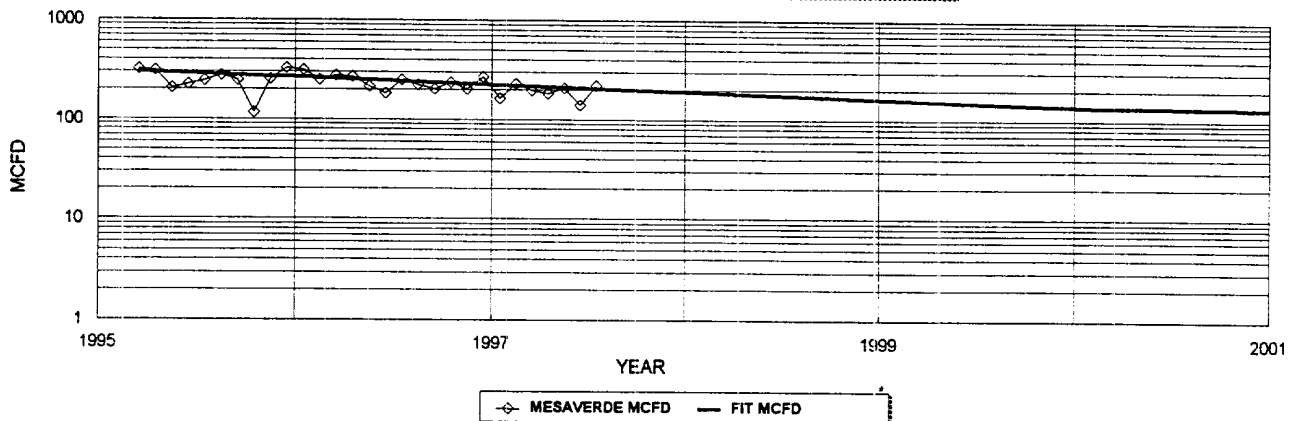
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of 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 November 7, 1997

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

**SAN JUAN 28-7 UNIT NO. 128M MESAVERDE PRODUCTION
SECTION 12I-27N-07W**



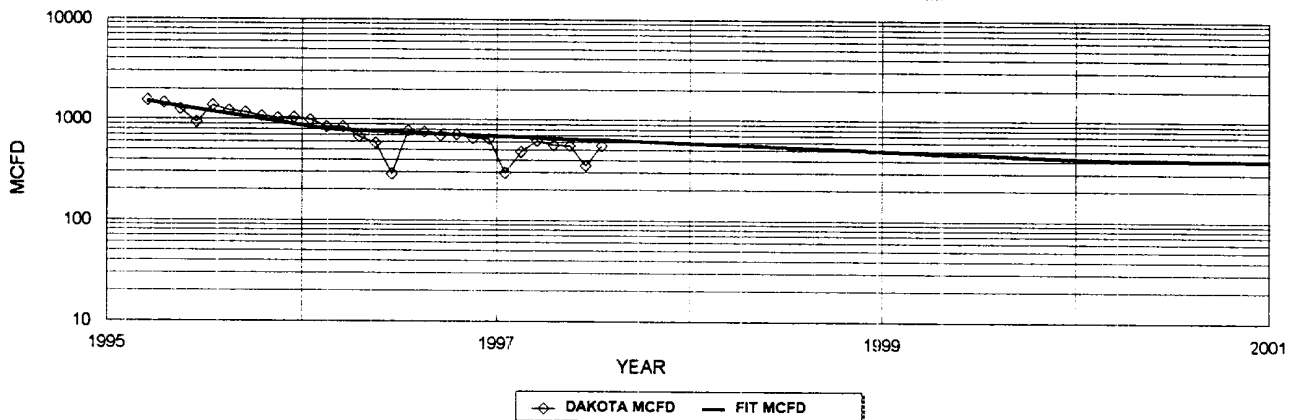
MESAVERDE HISTORICAL DATA: 1ST PROD: 3/95

OIL CUM: 0.92 MBO
GAS CUM: 204.4 MMCF
OIL YIELD: 0.0045 BBL/MCF

MESAVERDE PROJECTED DATA

1/1/98 Q1: 189 MCFD
DECLINE RATE: 15.0% THROUGH 1/2000
3.5% FINAL DECLINE

**SAN JUAN 28-7 UNIT NO. 128M DAKOTA PRODUCTION
SECTION 12I-27N-07W**



DAKOTA HISTORICAL DATA: 1ST PROD: 3/95

OIL CUM: 7.4 MBO
GAS CUM: 729.0 MMCF
OIL YIELD: 0.0101 BBL/MCF

DAKOTA PROJECTED DATA

1/1/98 Q1: 582 MCFD
DECLINE RATE: 15.0% THROUGH 1/2000
3.5% FINAL DECLINE

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL
DAKOTA	75%	87%
MESAVERDE	25%	13%

GAS ALLOCATION BASED ON TABLE AT RIGHT
OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS

	YRLY AVG: DK MCFD	YRLY AVG MV MCFD	% DAKOTA	% MV
1998	541	176	75%	25%
1997	480	150	75%	25%
1996	414	135	75%	25%
1995	399	130	75%	25%
2000	385	125	75%	25%
2001	374	122	75%	25%

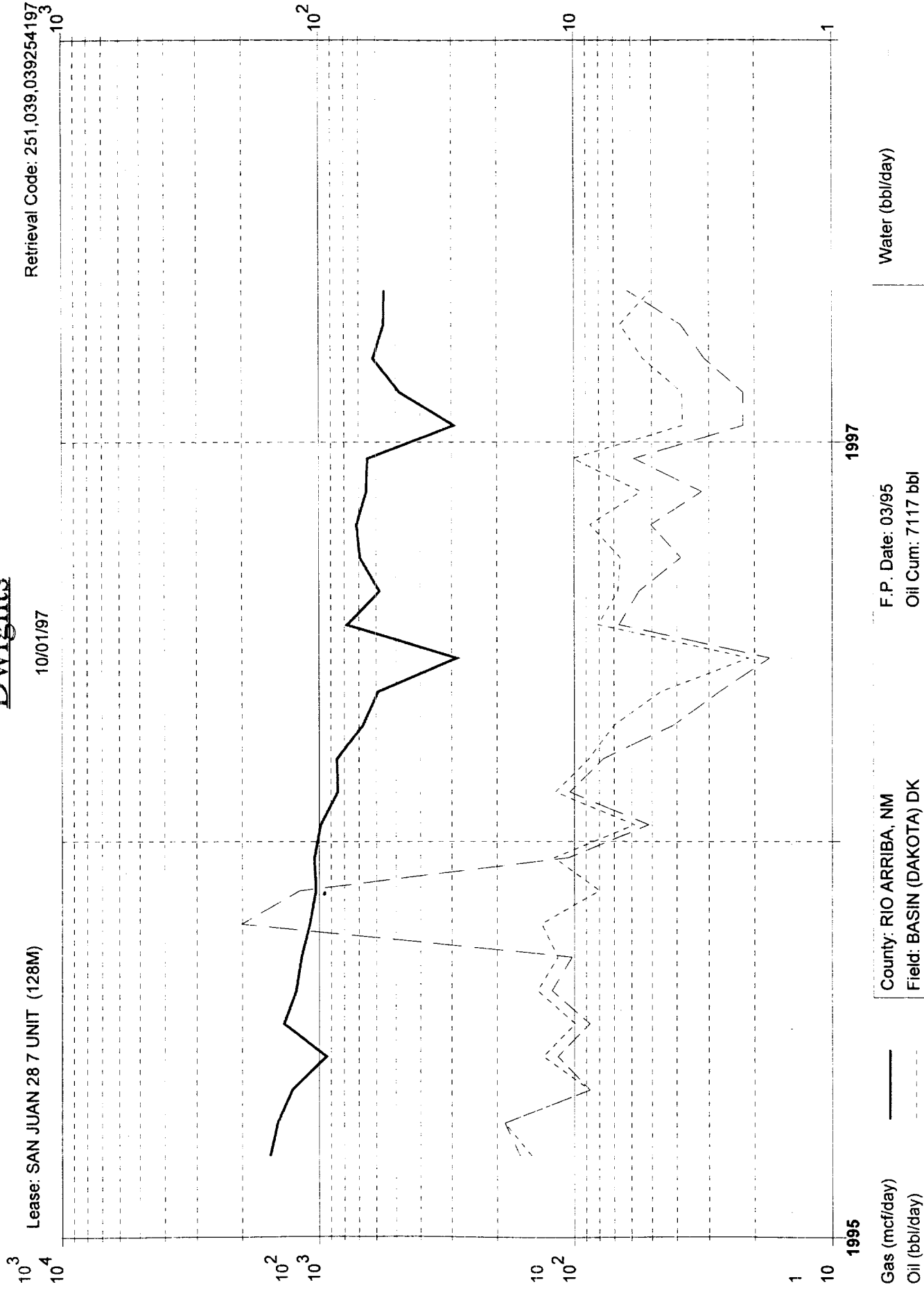
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGY DATA

Dwights

Lease: SAN JUAN 28 7 UNIT (128M)

10/01/97

Retrieval Code: 251,039,0392541971599



Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

F.P. Date: 03/95

Oil Cum: 7117 bbl

Gas Cum: 696.4 mmcf

Location: 121 27N 7W

County: RIO ARRIBA, NM

Field: BASIN (DAKOTA) DK

Reservoir: DAKOTA

Operator: CONOCO INC

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 30-039-25419	2 Pool Code 72319	3 Pool Name Blanco Mesaverde
4 Property Code 016608	5 Property Name San Juan 28-7 Unit	6 Well Number 128 M
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation

10 Surface Location

UL or lot no. I	Section	Township 27N	Range 7W	Lot Idn	Feet from the 1769	North/South line South	Feet from the 1080	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	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

16			

A diagram showing a well location on a grid. A point is marked with a circle and a crosshair. A horizontal arrow points left from the point to a vertical line, labeled '1080''. A vertical arrow points up from the point to a horizontal line, labeled '1760''. The grid lines are dashed.

17 OPERATOR CERTIFICATION

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

Signature
Kay Maddox

Printed Name
Regulatory Agent

Title
November 7, 1997

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

District I
PO Box 1980, Hobbs, NM 88241-1980

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PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd. Aztec, NM 87410

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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4 Property Code 016608		5 Property Name San Juan 28-7 Unit			6 Well Number 128 M
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation

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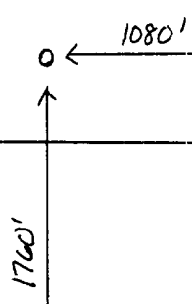
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16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Kay Maddox Printed Name Regulatory Agent Title November 7, 1997 Date 18 SURVEYOR CERTIFICATION 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



San Juan Unit 28-7 Well # 128M

Offset Operators:

Burlington resources
PO Box 4289
Farmington, NM 87499

Union Of California
PO Box 850
Bloomfield, NM 87413

Amoco
PO Box 800
Denver, CO. 80201