

## 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 87505-6429Form 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

Operator

Address

Jicarilla A

9M

K-14-T26N-R4W

Rio Arriba

Lessee

Well No

Unit Ltr Sec Twp Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005073 Property Code 18018 API NO. N/A 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 Mesa Verde 72319		Basin Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	5971-6410' OA		7989-8218' OA
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	To Flow		To Flow
5. Bottom hole Pressure	a (Current)		a.
Oil Zones - Artificial Lift: Estimated Current	675 psia		1044 psia
Gas & Oil - Flowing: Measured Current	b (Original)		b.
All Gas Zones: Estimated Or Measured Original	1383 psia		2663 psia
6. Oil Gravity (*API) or Gas BTU Content	1248 BTU		1342 BTU
7. Producing or Shut-In?	To be drilled		To be drilled
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

District I  
PO Box 1908, Hobbs, NM 88241-1908  
District II  
PO Drawer 60, Artesia, NM 88211-6719  
District III  
1008 N. Bridge Rd., Aztec, NM 87410  
District IV  
PO Box 1088, Santa Fe, NM 87504-1088

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		Pool Code 71599/72319	Pool Name Basin Dakota / Blanco Mesaverde
Property Code 18018	Property Name Jicarilla A		Well Number 9M
OGRIID No. 05073	Operator Name CONOCO, INC.		Elevation 7128'

10 Surface Location

UL or lot no. K	Section 14	Township 26-N	Range 4-W	Lot 10	Feet from the 2070	North/South line South	Feet from the 2055	East/West line West	County R.A.
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11 Bottom Hole Location If Different From Surface

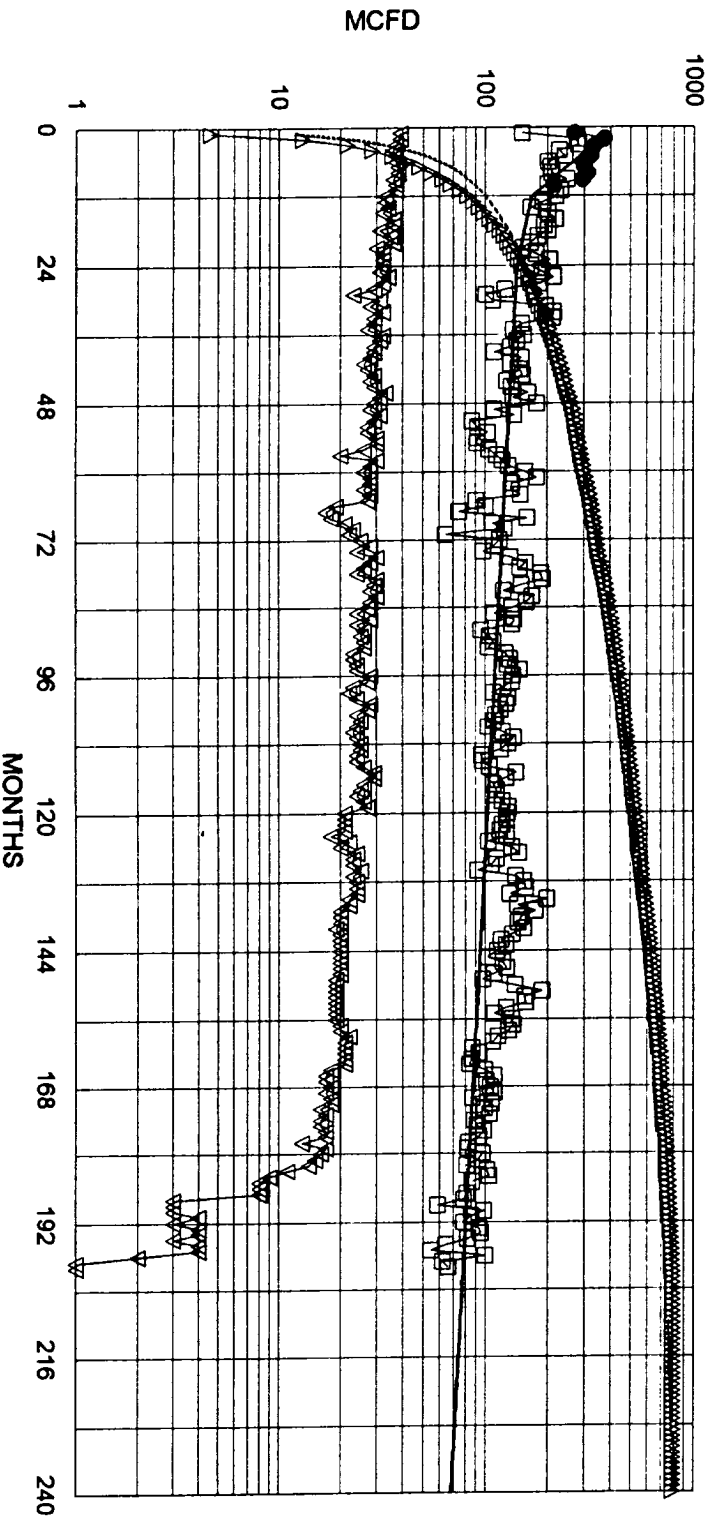
UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres W/320	13 Jolt or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature Jerry W. Hoover</p> <p>Printed Name Sr. Conservation Coordinator</p> <p>Title 5/15/97</p> <p>Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>4/09/97</p> <p>Date of Survey</p> <p>Signature and Seal of Surveyor</p> <p>NEALE C. EDWARDS NEW MEXICO 6857</p> <p>6857 Official Number</p>

NORMALIZED DAKOTA PRODUCTION  
39 WELLS SINCE 1980: 26N-4W (MERIT JICARILLA A,B,&E OFFSETS)



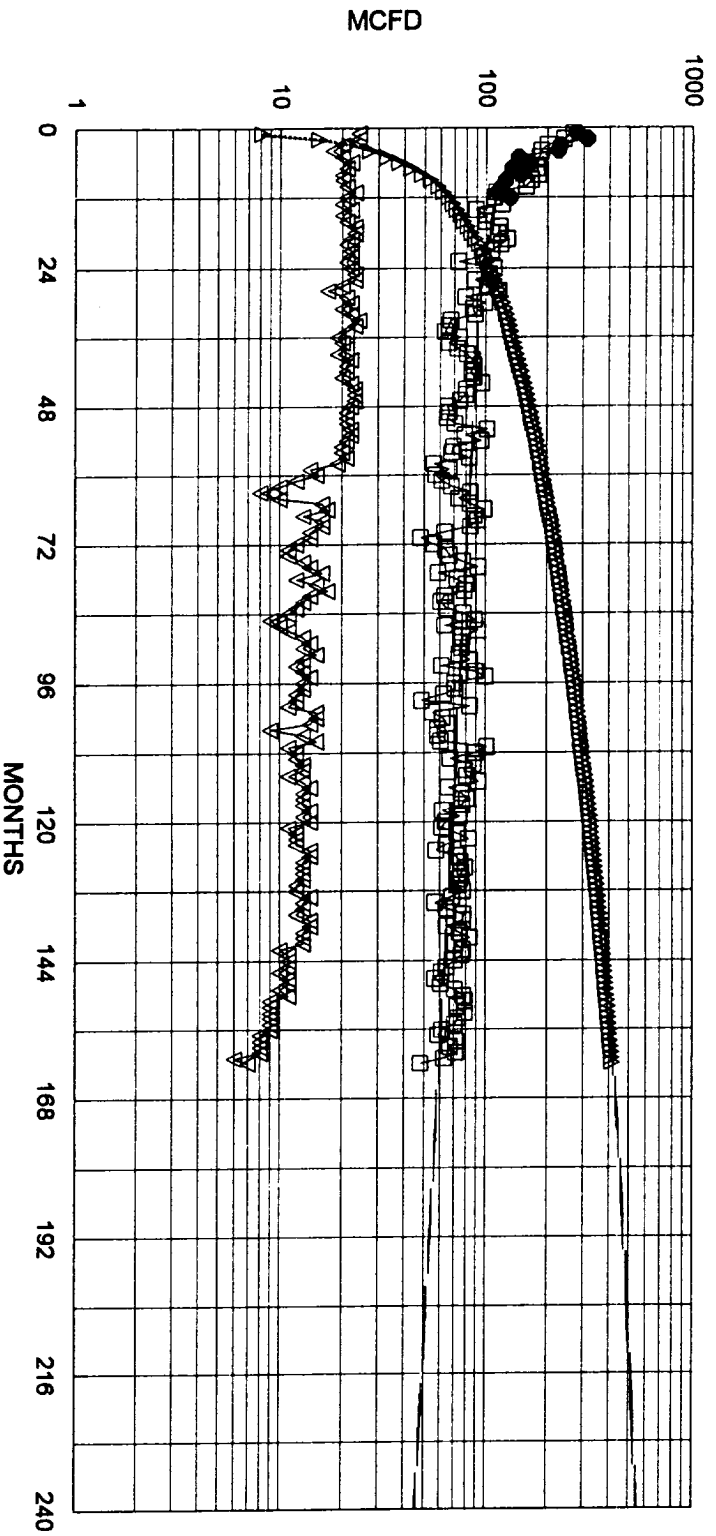
— FIT MCFD      □ NORMALIZED MCFD      △ NORM CUM MCFD      ☆ WELLS ON PRODUCTIO  
— FIT CUM MCFD      — RISKED MCFD      ◆ JICARILLA E 7E & 8M

NORMALIZED AVG:

1210 MMCF EUR  
824 MMCF IN 20 YRS  
25 MCFD E.L.  
0.0167 bbl/mcf oil yield

420 MCFD IP  
80% DECLINE, 1ST 12 MONTHS  
15% DECLINE, NEXT 12 MONTHS  
4% FINAL DECLINE

**NORMALIZED MESAVERDE PRODUCTION**  
25 WELLS SINCE 1980: 26N 4W SEC 7-36



— FIT MCFD      □ NORMALIZED MCFD      △ NORM CUM MMCF  
 ▽ WELLS ON PRODUCTION      — FIT CUM MMCF      ◆ 7 NEW MERIT REC. SINCE '94



NORMALIZED AVG:	
777 MMCF EUR	280 MCFD IP
549 MMCF IN 20 YRS	60% DECLINE, 1ST 12 MONTHS
20 MCFD E.L.	15% DECLINE, NEXT 12 MONTHS
0.004 BBL/MMCF OIL YIELD	4.0% FINAL DECLINE
COMBINED MV/DK IP:	700 MCFD
COMBINED EUR:	1987 MMCF
COMBINED 20 YR MMCF:	1373 MMCF
COMBINED OIL YIELD:	0.01 BBL/MMCF

Conoco, Inc.  
C-107-A  
Offset Operator List

RE: Jicarilla A, Well #9M, Rio Arriba County, New Mexico

1. Burlington Resources Oil & Gas Co.  
P. O. Box 4289  
Farmington, NM 87499
2. Amoco Production Co.  
P. O. Box 800  
Denver, CO 80201
3. Chateau Oil & Gas Inc.  
2515 McKinney Avenue Ste 840  
Dallas, TX 75201
4. Conoco, Inc.  
10 Desta Dr., Suite 100W  
Midland, Texas 79705-4500

DATE IN	SUSPENSE	ENGINEER	LOGGED BY	TYPE
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

#### Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

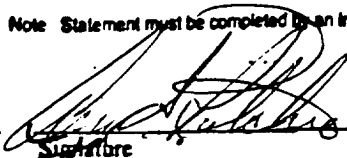
[F] ☐ Waivers are Attached

#### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Ann E. Ritchie  
 Print or Type Name

  
 Signature

Regulatory Agent  
 Title

7-14-97  
 Date