

## DISTRICT I

P O. Box 1880, 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. *N*

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

Operator

Address

Federal

10E

G-I, T-29N, R-II-W

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

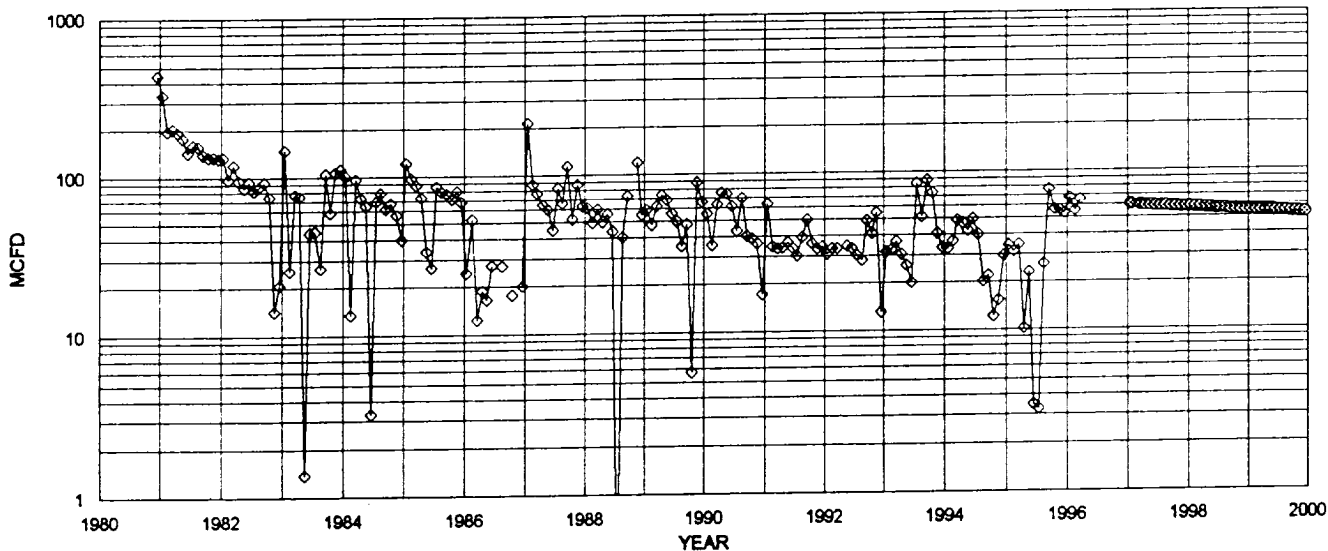
Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005073 Property Code 003170 API NO. 30 045 24058 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	Mesa Verde 72319		Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	4164-4745'(Proposed)		6634-6794'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottom hole Pressure	a. (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	557 PSIA		763 PSIA
Gas & Oil - Flowing: Measured Current	b. (Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	1047 PSIA		1768 PSIA
6. Oil Gravity (*API) or Gas BTU Content	1200 BTU Est.		1181 BTU
7. Producing or Shut-In?	new zone		Shut-in
Production Marginal? (yes or no)	YES		YES

RECEIVED  
AUG 27 1997OIL CON. DIV.  
FEB 10

**FEDERAL #10E DAKOTA PRODUCTION  
SECTION 01G-29N-11W**



◇ DAKOTA MCFD    — FIT MCFD

**DAKOTA HISTORICAL DATA    1ST PROD: 12/80**

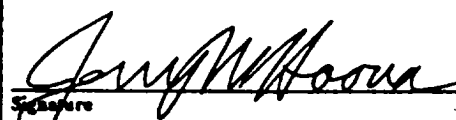
OIL CUM:            0.7 MBO  
GAS CUM:           348.4 MMCF  
OIL YIELD:          0.0018 BBL/MCF

**DAKOTA PROJECTED DATA**

1/1/87 Q1:            81 MCFD  
DECLINE RATE:       4.60% (EXPONENTIAL)  
OIL YIELD:            0.0007 BBL/MCF, LAST 3 YEARS

**PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION**

YEAR	MID-YEAR AVG MCFD	MID-YEAR AVG BOPD
1987	68	0.04
1988	67	0.04
1989	64	0.04
2000	62	0.04
2001	48	0.03
2002	47	0.03
2003	46	0.03
2004	43	0.03
2005	41	0.03
2006	38	0.03
2007	37	0.03
2008	36	0.02
2009	34	0.02
2010	33	0.02
2011	31	0.02
2012	30	0.02
2013	28	0.02
2014	27	0.02
2015	26	0.02
2016	25	0.02
2017	24	0.02
2018	23	0.02
2019	21	0.01
2020	21	0.01
2021	20	0.01
2022	19	0.01
2023	18	0.01
2024	17	0.01
2025	16	0.01
2026	16	0.01

16					<b>17 OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>   Signature Jerry W. Hoover Printed Name Sr. Conservation Coordinator Title 2/27/96 Date
					<b>18 SURVEYOR CERTIFICATION</b> <i>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.</i>  Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number

Conoco, Inc.  
Federal, Well #10E  
San Juan County, New Mexico  
Attachment to Form C-107-A

Offset Operators-other than Conoco:

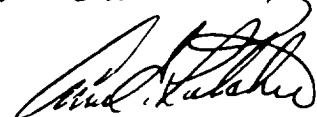
Burlington O & G Resources Co.  
P.O. Box 4289  
Farmington, NM 87499

Amoco Production Co.  
P.O. Box 800  
Denver, CO 80201

Dugan Production Corp.  
P.O. Box 420  
Farmington, NM 87499-0420

Four Star Oil & Gas Co.  
3300 N. Butler Ave., Suite 100  
Farmington, NM 87401

Copies of C-107-A & attachments sent to above 8-12-97.



DATE IN	BUSINESS	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

Date

8-12-97