

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.

SUBMIT IN TRIPLICATE

RECEIVED
AUG 7 1998

1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator
CONOCO INC.

3 Address and Telephone No.
10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4 Location of Well (Footage, Sec., T. R. M. or Survey Description)
Section 10, T-27-N R-7-W, D
790' FNL & 880' FWL

5 Lease Designation and Serial No.

SF 078972-4

6 If Indian, Allottee or Tribe Name

7 If Unit or CA, Agreement Designation

8 Well Name and No.

San Juan 28-7 Unit #145 M

9 API Well No.

3003925823

10 Field and Pool, or Exploratory Area

Blanco Mesaverde/Basin Dakota

11 County or Parish, State

Rio Arriba, NM

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Repon	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracuring
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Downhole Commingle	<input type="checkbox"/> Dispose Water

(Note: Repon 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.)*

It is proposed to downhole commingle this well in the Mesaverde and Dakota.

14 I hereby certify that the foregoing is true and correct

Signed

Kay Maddox

Title

Kay Maddox

Regulatory Agent

Date

4/6/98

(This space for Federal or State office use)

Approved by

Steve Hewitt

Title

Team Lead Petr. Mgt

Date

AUG - 4 1998

BLM(6), NMOCD(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

NMOCD

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

San Juan Unit 28-7

#145M

Section 10, T-27-N, R-7-W, D

Rio Arriba

Lease

Well No

Unit Ltr Sec Twp Rge

County

Spacing Unit Lease Types (check 1 or more)

OGRID NO 005073

Property Code

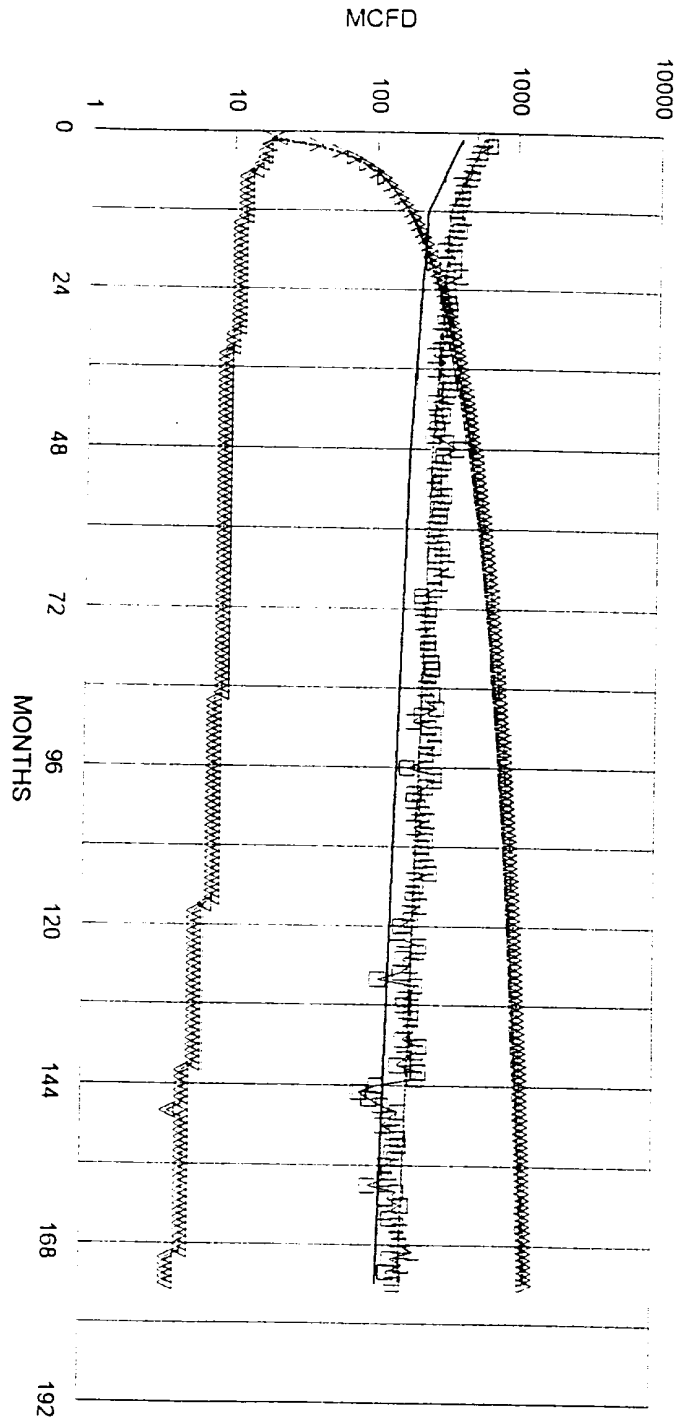
API NO.

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)	4934-5899'		7526-7755'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	To Flow		To Flow
5. Bottomhole Pressure	a. (Current) 457	a.	a. 713
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing Measured Current All Gas Zones Estimated Or Measured Original	b. (Original) 1230	b.	b. 2946
6. Oil Gravity (*API) or Gas BT Content	1267		1262
7. Producing or Shut-In?	To be Completed		To be Completed
Production Marginal? (yes or no)	Yes (expected)		Yes (expected)
• If Shut-In give date and oil/gas/ water rates of last production	Date Rates	Date Rates	Date Rates

NORMALIZED MESAVERDE PRODUCTION

PROD. SINCE 1975: 20 MV WELLS LOCATED IN W 2/3 OF 28N-7W AND N/3 OF 27N-7W



— FIT MCFD () NORMALIZED MCFD ^ NORM CUM MCMCF
- - - WELLS ON PRODUCTION . . . FIT CUM MCMCF — RISKED MCFD

Expected Mesa Verde Production - #145M, 156M, 199E, 214M, 215M, 249M
Expected Avg. Rate for Yr. 1 = 452MCFD

Form 1 (1980) (Rev. 11-82) NM 88241-1389

State of New Mexico
Energy, Minerals & Natural Resources Department

Form 1-17A
Revised February 21, 1994

District II
900 Crown CO, Artesia, NM 88211-0719

District III
1700 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

90 APR -3 AM 10:53

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code		*Pool Name					
		72319/71599		Blanco Mesaverde/Basin Dakota					
*Property Code		*Property Name						*Well Number	
016608		SAN JUAN 28-7 UNIT						145M	
*CGRID No.		*Operator Name						*Elevation	
005073		CONOCO, INC.						5595	
10 Surface Location									
UL or Lot no	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
D	10	27N	7W		790	North	880	West	RIO ARriba
11 Bottom Hole Location If Different From Surface									
UL or Lot no	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		15 Order No.			
W/320		Y		U					

NO ALLOWABLE WELL 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><i>Jo Ann Johnson</i></p> <p>Signature</p> <p>Jo Ann Johnson</p> <p>Printed Name</p> <p>Property Analyst</p> <p>Title</p> <p>2/12/98</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 or 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>OCTOBER 18, 1997</p> <p>Date of Survey</p> <p><i>Neale C. Edwards</i></p> <p>Signature and Seal</p> <p>NEALE C. EDWARDS</p> <p>NEW MEXICO</p> <p>6857</p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>6857</p> <p>Certificate No.</p>		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO	SF 078972
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	San Juan 28-7
8. FARM OR LEASE NAME WELL NO	145M
9. API WELL NO	
10. FIELD AND POOL OR WILDCAT	B Mesaverde/Basin Dakota
11. SEC. T. R. M. OR BLK AND SURVEY OR AREA	Sec. 10, T27N, R7W
12. COUNTY OR PARISH	Rio Arriba
13. STATE	NM
16. NO. OF ACRES IN LEASE	320
17. NO. OF ACRES ASSIGNED TO THIS WELL	320
19. PROPOSED DEPTH	7755'
20. ROTARY OR CABLE TOOLS	Rotary
22. APPROX. DATE WORK WILL START*	3/15/98

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>	2. NAME OF OPERATOR Conoco Inc.
3. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	4. ADDRESS AND TELEPHONE NO 10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 790' FNL & 880' FWL At proposed prod. zone 790' FNL & 880' FWL	6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
9. ELEVATIONS (Show whether DF, RT, GR, etc.) 6696' GR	10. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55, 9-5/8"	36#	250'	145 sxs, circ.
8-3/4"	K-55, 7"	23#	3549'	465 sxs, circ.
6-1/4"	K-55, 4-1/2"	9.5#	7755'	530 sxs, toc @ 3400'

It is proposed to drill a vertical wellbore to the Blanco Mesaverde and Basin Dakota Pools. An NOS was filed 10/13/97. The well will be drilled and equipped according to the following additional attachments:

1. Well Location & Acreage Dedication Plat (C-102).
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan with Production Facility layout.
6. Pipeline Tie Specifications with plat.

This application includes ROW's for the well pad, cathodic protection and pipeline.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Jo Ann Johnson TITLE Property Analyst DATE 2-12-98
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon
CONDITIONS OF APPROVAL, IF ANY

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

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April 6, 1998

San Juan 28-7 Unit Well # 145M
Section 10, T-27-N, R-7-W, D
Rio Arriba County, NM

RE: Application C-107A to Downhole Commingle

Notification Of Offset Operators:

Union Oil Of California
PO Box 850
Bloomfield, NM 87413

A copy of the C-107A has been sent to the above listed party.

287175M.DHC



Mid-Continent Region
Exploration/Production

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

June 16, 1998

Mr. Frank Chavez
Oil Conservation Division
1000 Rio Brazos Rd
Aztec, New Mexico 87410

ATTN:
JIM LOVATO
RECEIVED
JUN 19 1998

OIL CON. DIV
DIST. 3

RE: Allocation for Downhole Commingling
San Juan Unit 28-7 # 145M
API # N/A
Section 10, T-27-N, R-7-W, Unit Letter D
Rio Arriba County, New Mexico
Blanco Mesaverde (72319)
Basin Dakota (71599)
DHC Order # 1929

Dear Mr. Chavez,

The Mesaverde was tested June 3, 1998 for 12 hours. This zone produced 1056 MCFD, 2 BOPD and 20 BWPD with 500 # csg pressure & 160 # tbg pressure. The Dakota was tested June 8, 1998 for 12 hours and produced 398 MCFD, 1 BOPD & 10 BWPD with 580 # csg pressure & 60 # tbg pressure. The Mesaverde and Dakota will be commingled next week, June 19, 1998, DHC Order # 1929. Conoco respectfully requests that production from this well be allocated as indicated below.

Fixed Allocation:

	<u>Gas</u>	<u>Oil</u>
Mesaverde	73%	67%
Dakota	27%	33%

If there are any further questions regarding this request please contact me @ (915) 686-5798. Thank you.

Sincerely yours,

Kay Maddox
Kay Maddox
Regulatory Agent

KM/



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6176 FAX: (505) 334-6170
[http://nemnr.state.nm.us/ocd/District III/district.htm](http://nemnr.state.nm.us/ocd/District%20III/district.htm)

GARY E. JOHNSON
GOVERNOR

RECEIVED
JUN 26 1998
OIL CONSERVATION DIVISION

Jennifer A. Salisbury
CABINET SECRETARY

June 26, 1998

Kay Maddox
10 Desta Dr Ste 100W
Midland TX 79705-4500

Re: San Juan 28-7 Unit #145M, D-10-27N-07W, API# 30-039-25823, DHC

Dear Ms. Maddox:

Your recommended allocation of commingled production for the referenced well is hereby accepted as follows:

	Gas	Oil
Blanco Mesaverde	73%	67%
Basin Dakota	27%	33%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: Duane Spencer-BLM Farmington
David Catanach-NMOCD Santa Fe
well file

Conditions of Approval

Conoco Inc.
San Juan 28-7, 145 M
790' FNL and 880' FWL
Sec 10-27N-7W

- 1) After a review of the supporting data for the "reference case" classification for San Juan 28-7 unit wells and the recently conducted well tests for the referenced well, we concur with your established allocation factors.

Commingled production from each zone must be reported in accordance with the allocation factors identified below:

<u>Formation</u>	<u>Gas</u>	<u>Oil</u>
Mesaverde	73%	67%
Dakota	27%	33%

- 2) Within 30 days of commingling the production in this well bore, file a Sundry Notice (form 3160-5) subsequent report of all operation conducted. The effective date of commingling will be the date commingling of production first occurs.
-