

## DISTRICT I

100 Box 1940 Hobbs, NM 88241-1940

## 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

Jicarilla B

#13M

Section 36, T-26-N, R-4-W, D

riba

Lease

Well No

Unit/Ltr Sec/Twp/Rge

OGRID NO 005073

Property Code

API NO

Spacing Unit Lease Type: (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)	5818-6282'		7908-8132'
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)		
Oil Zones - Artificial Lift Gas & Oil - Flowing All Gas Zones	Estimated Current Measured Current Estimated Or Measured Original		
	643 1322	b b	1087 2477
6 Oil Gravity (*API) or Gas BT Content	1281		1308
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
- If Producing date and oil/gas/water rates of recent test (within 60 days)	Anticipated 1st Yr average 183 MCFD, 1.4 BOPD	Anticipated 1st Yr average 288 MCFD, 4.5 BOPD	
8 Fixed Percentage Allocation Formula - % of each zone			

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) \_\_\_\_\_

## 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

2/24/98

TYPE OR PRINT NAME Kay Maddox

TELEPHONE NO

(915)

686-5798

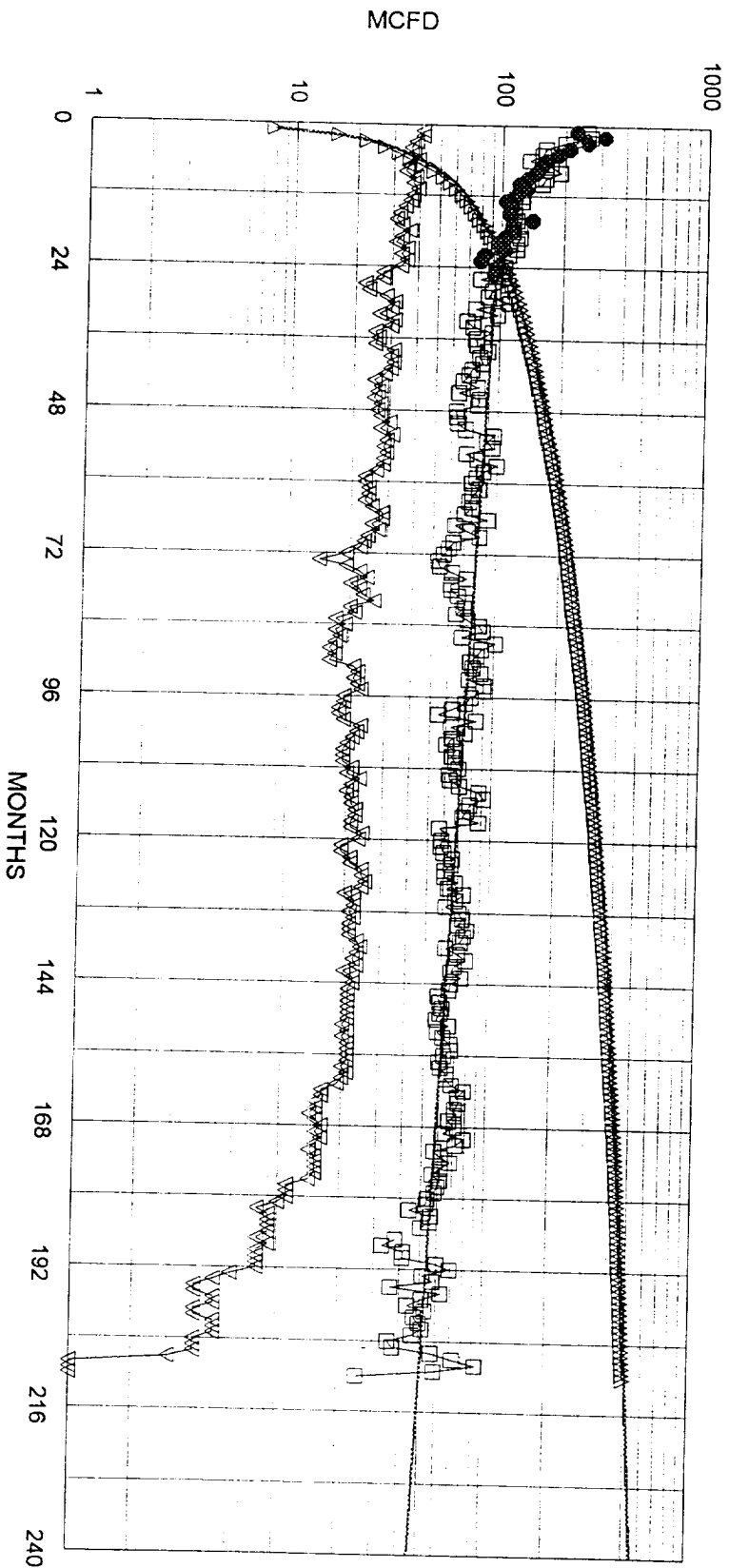
No Stamp  
on this

**APPLICATION FOR DOWNHOLE COMMINGLING**

Jicarilla B 13M, Unit Letter D, Section 36-T26N-R4W  
Rio Arriba County, New Mexico

As shown in the attached production plot for offsets to the Jicarilla B 13M, estimated ultimate recoveries and initial production rates from infill wells to the Dakota and Mesaverde formations are clearly marginal in this area. Mesaverde estimated recoveries in particular do not justify drilling stand alone wells (549 MMCF recovery in 20 years, 777 MMCF ultimate recovery). Furthermore, production plots from each zone indicate a similar decline profile and a fixed allocation formula can be utilized. Upon completion, both zones will be tested and stabilized flow rates will be used to allocate production from each zone. This procedure is common practice in Conoco's 28-7 Unit and reference is made to Order R-10476-B as it applies to downhole commingling of marginal zones and the allocation of production between such zones.

**NORMALIZED MESAVARDE PRODUCTION**  
41 WELLS SINCE 1980; TOWNSHIP 26N RANGE 4W



**NORMALIZED AVG & EXPECTED AVG. NEW COMPLETION RATES:**

777 MMCF EUR  
549 MMCF IN 20 YR  
20 MCFD E.L.  
0.0077 bbl/mcf oil yield

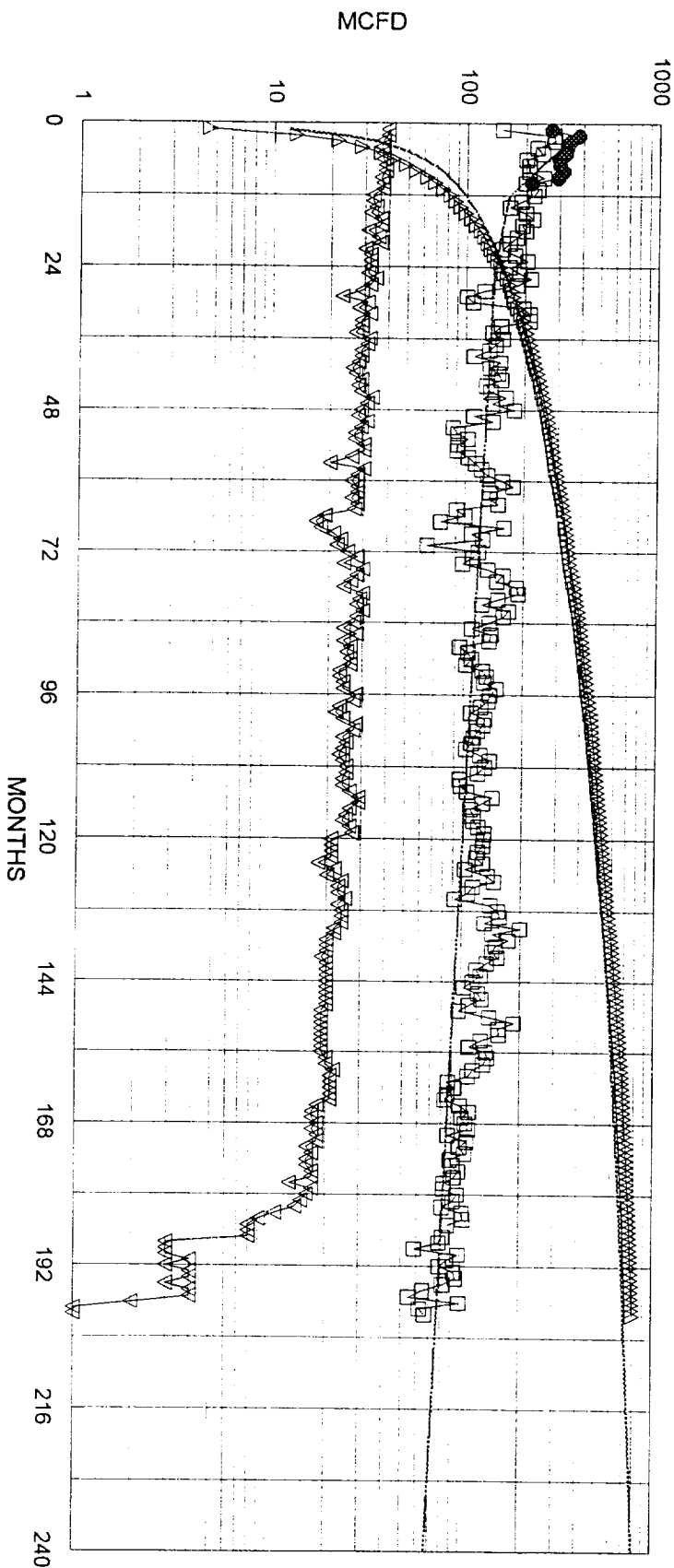
280 MCFD IP  
60% DECLINE, 1ST 12 MONTHS  
15% DECLINE, NEXT 12 MONTHS  
4.0% FINAL DECLINE

**RECENT WELLS IN 26N 04W (1993 AND NEWER)**

JICARILLA A	13	13E-26N-4W	JICARILLA E	10E	22B-26N-4W
JICARILLA E	7E	15B-26N-4W	JICARILLA A	10	23O-26N-4W
JICARILLA E	8M	15K-26-4W	JICARILLA B	9A	26D-26N-4W
JICARILLA E	9	16B-26N-4W			

# NORMALIZED DAKOTA PRODUCTION

39 WELLS SINCE 1980; 26N-4W (MERIT JICARILLA A,B,&E OFFSETS)



— FIT MCFD      ▽ NORM CUM MMCF  
 ▽ WELLS ON PRODUCTION      .... FIT CUM MMCF      ◆ JICARILLA E 7E & 8M

NORMALIZED AVG AND EXPECTED NEW COMPLETION AVG:

1221 MMCF EUR  
 804 MMCF IN 20 YRS  
 20 MCFD E.L.  
 0.0167 bbl/mcf oil yield

410 MCFD IP  
 60% DECLINE, 1ST 12 MONTHS  
 15% DECLINE, NEXT 12 MONTHS  
 4% FINAL DECLINE

RECENT WELLS (1993 AND NEWER):

JICARILLA E 7E      15K-26N-4W  
 JICARILLA E 8M      15B-26N-4W

**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**

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Cont. 106	
2. NAME OF OPERATOR Conoco Inc.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla	
3. ADDRESS AND TELEPHONE NO. 10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500			7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1060' FNL & 1040' FWL At proposed prod. zone 1060' FNL & 1040' FWL			8. FARM OR LEASE NAME WELL NO. Jicarilla B-13M	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			9. API WELL NO.	
5. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if Any)		16. NO. OF ACRES IN LEASE	10. FIELD AND POOL, OR WILDCAT Blanco MV/Basin Dakota	
8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 8432'	11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T26N, R4W	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7089' GR		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	12. COUNTY OR PARISH Rio Arriba	
		20. ROTARY OR CABLE TOOLS Rotary	13. STATE NM	
23. PROPOSED CASING AND CEMENTING PROGRAM			22. APPROX. DATE WORK WILL START* 1/1/98	

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55, 9-5/8"	36#	300'	170 sxs, circ.
8-3/4"	K-55, 7"	23#	3973'	555 sxs, circ.
6-1/4"	K-55, 4-1/2"	11.6#	8132'	515 sxs, toc @ 3500'

It is proposed to drill a vertical wellbore to be downhole commingled in the Blanco Mesaverde and Basin Dakota Pools following the acquisition of sufficient production test data for allocation purposes. A downhole commingling application will be filed with the BLM and OCD prior to commingling. An NOS was filed 1/29/97. 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. 7.5" quadrangle Topo Map.
7. Wellsite Layout.
8. Cut & Fill Diagram.
9. Access Road Plat.

This application includes ROW's for the well pad and access road.

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 Mike L. Mankin TITLE Right of Way Agent DATE 12/14/97

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 Hector P. Villalobos TITLE Area Manager DATE 1/5/98

\*See Instructions On Reverse Side

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.

## OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		71599/72319	Basin Dakota/Blanco Mesaverde
Property Code	Property Name		Well Number
13018	Jicarilla B		13M
OGRID No.	Operator Name		Elevation
05073	CONOCO, INC.		7089'

## 10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	36	26-N	4-W		1060	North	1040	West	R.A.

## 11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	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			

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

	<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <u>Mike L. Mankin</u> Printed Name <u>Mike L. Mankin</u> Title <u>Right-of-Way Agent</u> Date <u>11/25/97</u>
	<b>18 SURVEYOR CERTIFICATION</b> 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 <u>12/17/96</u> Signature and Seal of Professional Surveyor  Certificate Number <u>6857</u>

Jicarilla B # 13M  
Section 36, T-26-N, R-4-W,  
Rio Arriba County, TX

RE: Application C-107A to Downhole Commingle

**Notification of Offset Operators:**

Beartooth Oil & Gas  
PO Box 2564  
Billings, Montana 59103

Chateau Oil & Gas  
2515 McKinney Ave STE 840  
Dallas, TX 75201

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

CONDITIONS OF APPROVAL FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Well Name Jicarilla B #13

1. The individual production zones will be tested every three years, or more often if production rates indicate a change to allocation factors, to verify that the allocation factors and methods remain proper.
2. Production from downhole commingled wells are to be reported with an alpha character, "C" (ie C1, C2, etc).
3. The following modifications to your downhole commingling program are to be made :

Provide the allocation formula when it is determined.

Provide a well bore diagram when this well is completed.



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

98 APR 27 11:11 AM  
ALBUQUERQUE, N.M.

5. Lease Designation and Serial No.

Cont 106

6. If Indian, Allottee or Tribe Name

Jicarilla

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla B # 13M

9. API Well No.

10. Field and Pool, or Exploratory Area

Blanco Mesaverde/ Basin Dakota

11. County or Parish, State

Rio Arriba, NM

**SUBMIT IN TRIPLICATE**

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 36, T-26-N R-4-W, D  
1060 FNL & 1040 FWL

**CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☒ Notice of Intent  
☐ Subsequent Repon  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Downhole Commingle

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracrunng  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

Note: Repon result 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 the Mesaverde and Dakota in this well upon drilling and completion..

AFMSS

Adjud	comj
Engr	RR
Geol	
Surf	
Appvl	DR 4/30/98

14. I hereby certify that the foregoing is true and correct

Signed Kay Maddox

Title Regulatory Agent

Date 2/24/98

(This space for Federal or State office use)

Approved by [Signature]

Title Lands and Mineral Resources

Date MAY 1 1998

Conditions of approval if any

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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\*See Instruction on Reverse Side

DISTRICT I  
c/o Box 1906, Hobbs, NM 88241-1906

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911 South First St. Artesia NM 88210-2835

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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 Desia Dr. Ste 100W, Midland, Tx. 79705-4500

Jicarilla B

#13M

Section 36, T-26-N, R-4-W, D

Rio Arriba

Lease

Well No

Unit Lit Sec Twp Rge

County

OGRID NO 005073

Property Code

API NO

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
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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)	a.	a.
Oil Zones - Artificial Lift	643		1087
Gas & Oil - Flowing	b. (Original)	b.	b.
All Gas Zones	1322		2477
Estimated Or Measured Original			
6. Oil Gravity (*API) or Gas BT Content	1281		1308
7. Producing or Shut-in?	To be Completed		To be Completed
Production Marginal? (yes or no)	Yes (expected)		Yes (expected)
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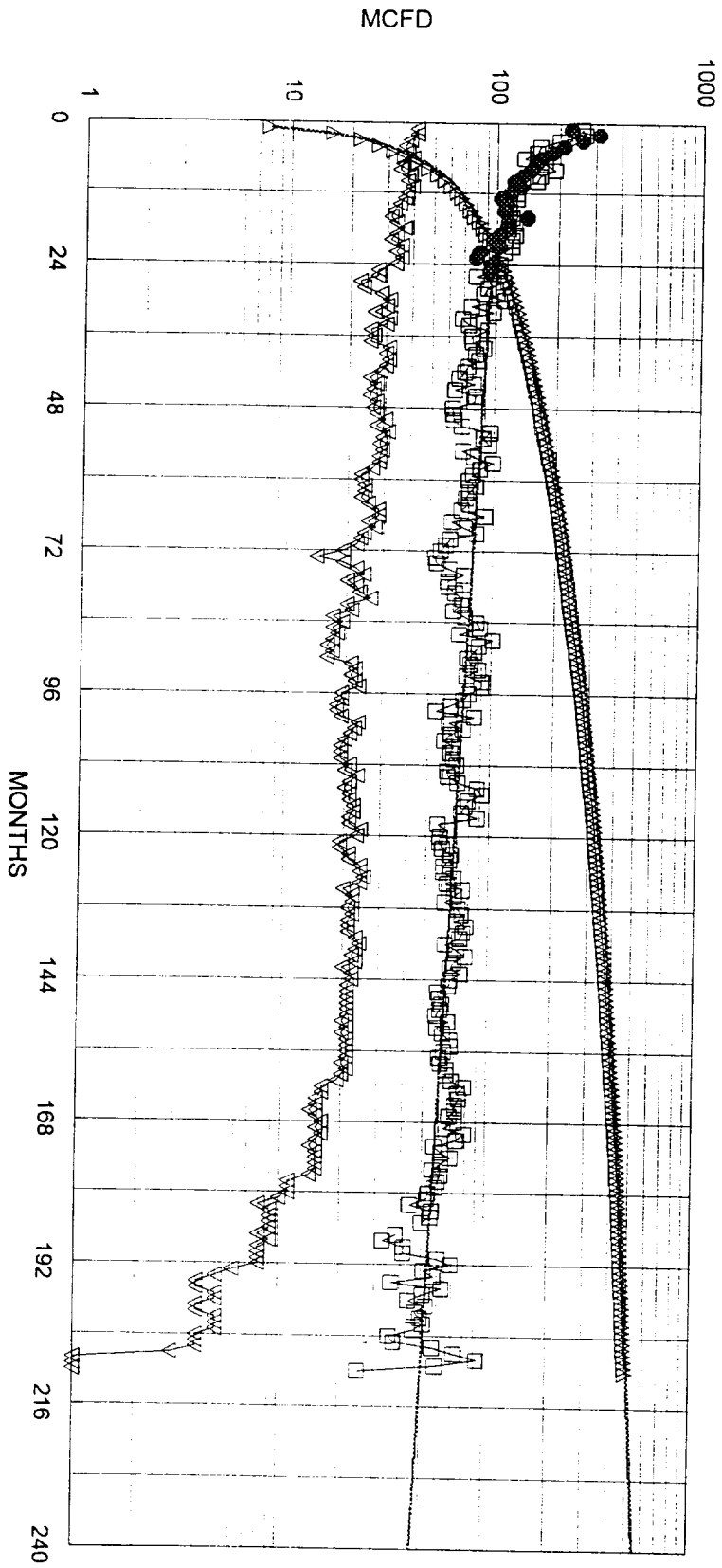
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

**APPLICATION FOR DOWNHOLE COMMINGLING**

Jicarilla B 13M, Unit Letter D, Section 36-T26N-R4W  
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41 WELLS SINCE 1980; TOWNSHIP 26N RANGE 4W



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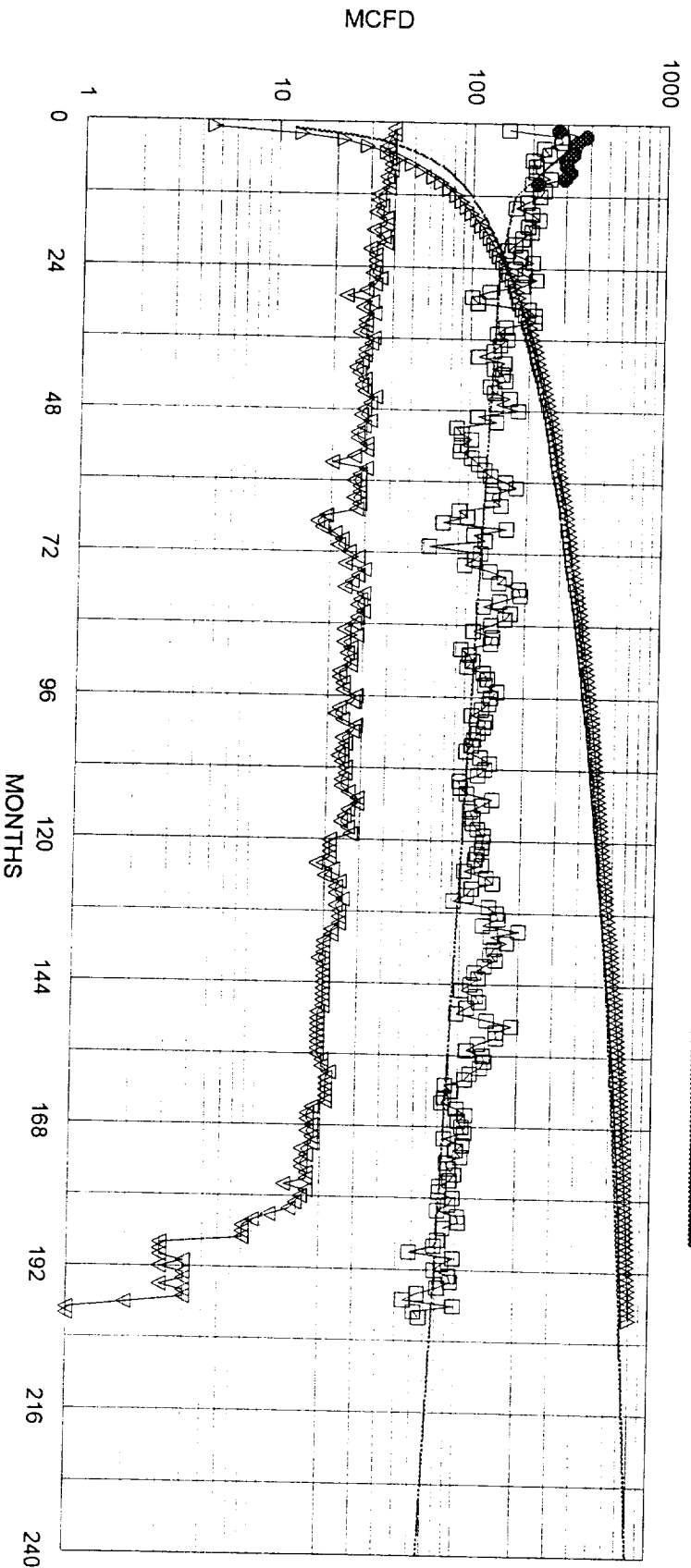
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OTHER INSTRUCTIONS ON  
REVERSE SIDE

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

2. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

LEASING ZONE ☒

MULTIPLE ZONE ☐

3. NAME OF OPERATOR

Conoco Inc.

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

1060' FNL & 1040' FWL

At proposed prod. zone

1060' FNL & 1040' 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. NO. OF ACRES IN LEASE

9. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

10. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

11. PROPOSED DEPTH

8432'

12. ROTARY OR CABLE TOOLS

Rotary

13. ELEVATIONS (Show whether DF, RT, GR, etc)

7089' GR

14. APPROX. DATE WORK WILL START\*

1/1/98

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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24.

SIGNED

*Mike L. Mankin*

TITLE

Mike L. Mankin  
Right of Way Agent

DATE

12/14/97

(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

*Heather P. Villalobos*

TITLE

*Area Manager*

DATE

*1/5/98*

\*See Instructions On Reverse Side

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.

10. Hobbs, NM 88241-1980  
District II  
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 O-22  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 1 Copy

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 71599/72319		3 Pool Name Basin Dakota/Blanco Mesaverde	
4 Property Code 18018		5 Property Name Jicarilla B			6 Well Number 13M
7 OGRID No. 05073		8 Operator Name CONOCO, INC.			9 Elevation 7089'

10 Surface Location

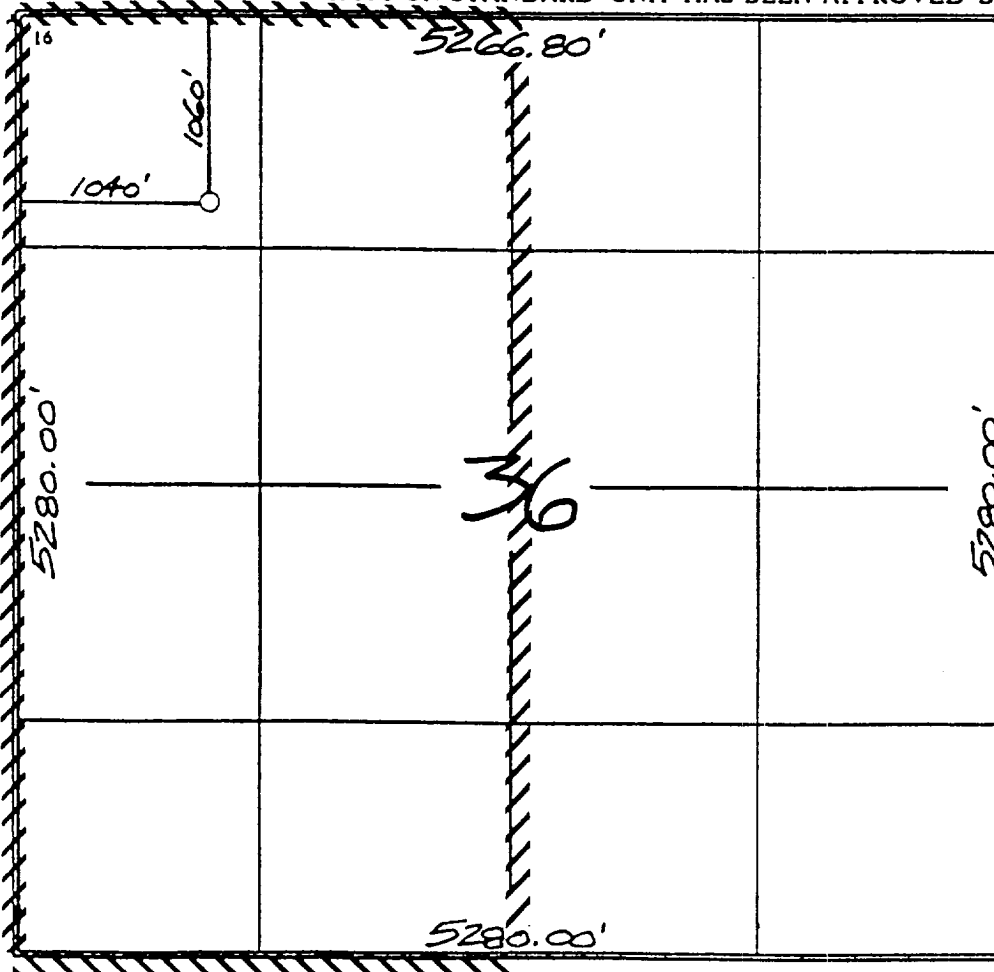
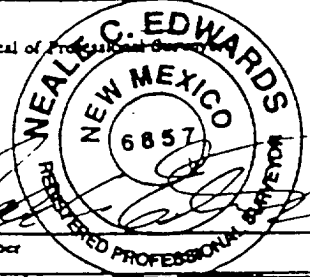
UL or lot no. D	Section 36	Township 26-N	Range 4-W	Lot Ida	Feet from the 1060	North/South line North	Feet from the 1040	East/West line West	County R.A.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres W/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

	<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><u>Mike L Mankin</u> Signature Mike L. Mankin Printed Name Right-of-Way Agent Title 11/25/97 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>12/17/96 Date of Survey Signature and Seal of Professional Surveyor  6857 Certificate Number</p>

Jicarilla B # 13M  
Section 36, T-26-N, R-4-W,  
Rio Arriba County, TX

RE: Application C-107A to Downhole Commingle

**Notification of Offset Operators:**

Beartooth Oil & Gas  
PO Box 2564  
Billings, Montana 59103

Chateau Oil & Gas  
2515 McKinney Ave STE 840  
Dallas, TX 75201

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



CONDITIONS OF APPROVAL FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Well Name Jicarilla B #13

1. The individual production zones will be tested every three years, or more often if production rates indicate a change to allocation factors, to verify that the allocation factors and methods remain proper.
2. Production from downhole commingled wells are to be reported with an alpha character, "C" (ie C1, C2, etc).
3. The following modifications to your downhole commingling program are to be made :

Provide the allocation formula when it is determined.

Provide a well bore diagram when this well is completed.