

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
MAY 28 1999

OIL CON. DIV.
DIST. 3

5. Lease Designation and Serial No.

SF 078329

6. If Indian, Allottee or Tribe Name

7. Unit or C.A. Agreement Designation

8. Well Name and No.

Daum LS #6

9. API Well No.

30-045-07054

10. Field and Pool, or Exploratory Area

Blanco Mesaverde, Basin Dakota

11. County or Parish, State

San Juan

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 32, T-28-N, R-9-W ^(D)
1150' FNL & 800' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Repon	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracrunng
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other <u>Downhole Commingle</u>	☐ Dispose Water

(Note: Repon result of multiple completion on Wdl 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 & Dakota in this well.

NOV 11 1998
BUREAU OF LAND MANAGEMENT
SANTA FE, NM

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

Signed

Kay Maddox

Title

Kay Maddox

Regulatory Agent

Date

February 18, 1998

(This space for Federal or State office use)

Approved by

/s/ Duane W. Spencer

Title

Team Lead, Petroleum Management

Date

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

✓

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241 1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

DISTRICT II

811 South First St. Artesia NM 88210 2835

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410 1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

☒ YES ☐ NO

Conoco Inc.

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

Operator

Address

Daum LS

6

Section 32, T-28-N, R-9-W, D

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code

API NO.

30-045-07054

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)	4109 - 4122 4112-4712'		6406-6682'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	To Flow		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 528 650 ⁺ b(Original) 1152	RECEIVED MAY 28 1999 OIL CON. DIV. DIST. 3 b.	a. 717 b. 2355
6. Oil Gravity (*API) or Gas BT Content	1240		1246
7. Producing or Shut-In?	To be completed		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In, give date and oil/gas/water rates of last production 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 Production to be allocated by subtraction - See Attached table	Date Rates Date Rates	Date Rates Est 1/98 62 MCFD, 7 BOPD, 0 BWPD
8. Fixed Percentage Allocation Formula - % of each zone	Oil % Gas %	Oil % Gas %	Oil % Gas %

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

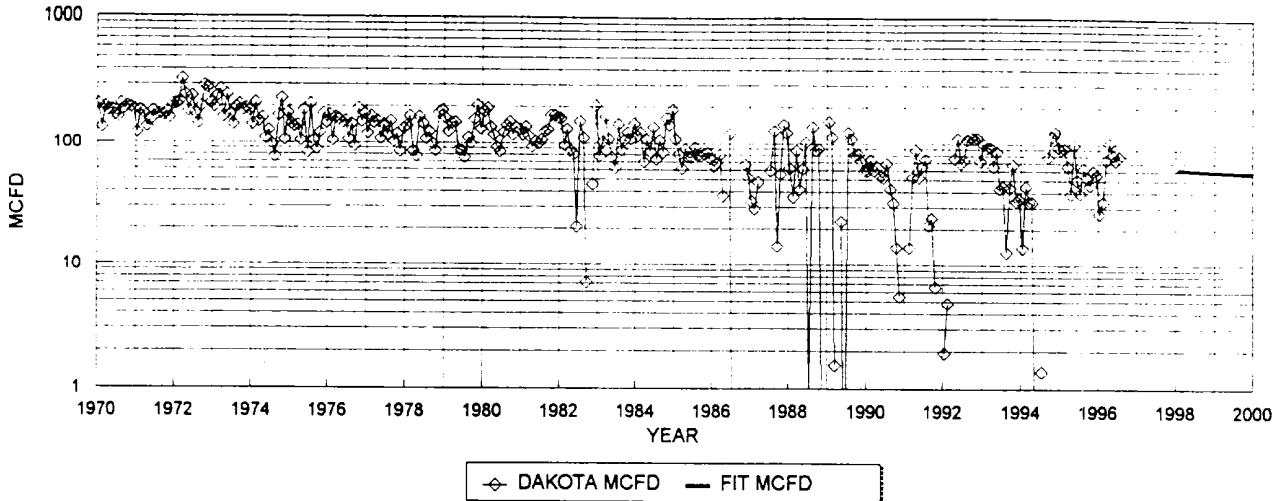
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation 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 February 18, 1998

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

**DAUM LS 6 DAKOTA PRODUCTION
SECTION 32D-28N-09W**



DAKOTA HISTORICAL DATA:		1ST PROD: 11/81	PROJECTED DATA	
OIL CUM:	25.28	MBO	1/1/98 Qi:	62 MCFD
GAS CUM:	2110.0	MMCF	DECLINE RATE:	4.1% (EXPONENTIAL)
CUM OIL YIELD:	0.0120	BBL/MCF		
OIL YIELD:	0.0111	BBL/MCF, LAST 3 YRS		
AVG. USED:	0.0116	BBL/MCF		

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

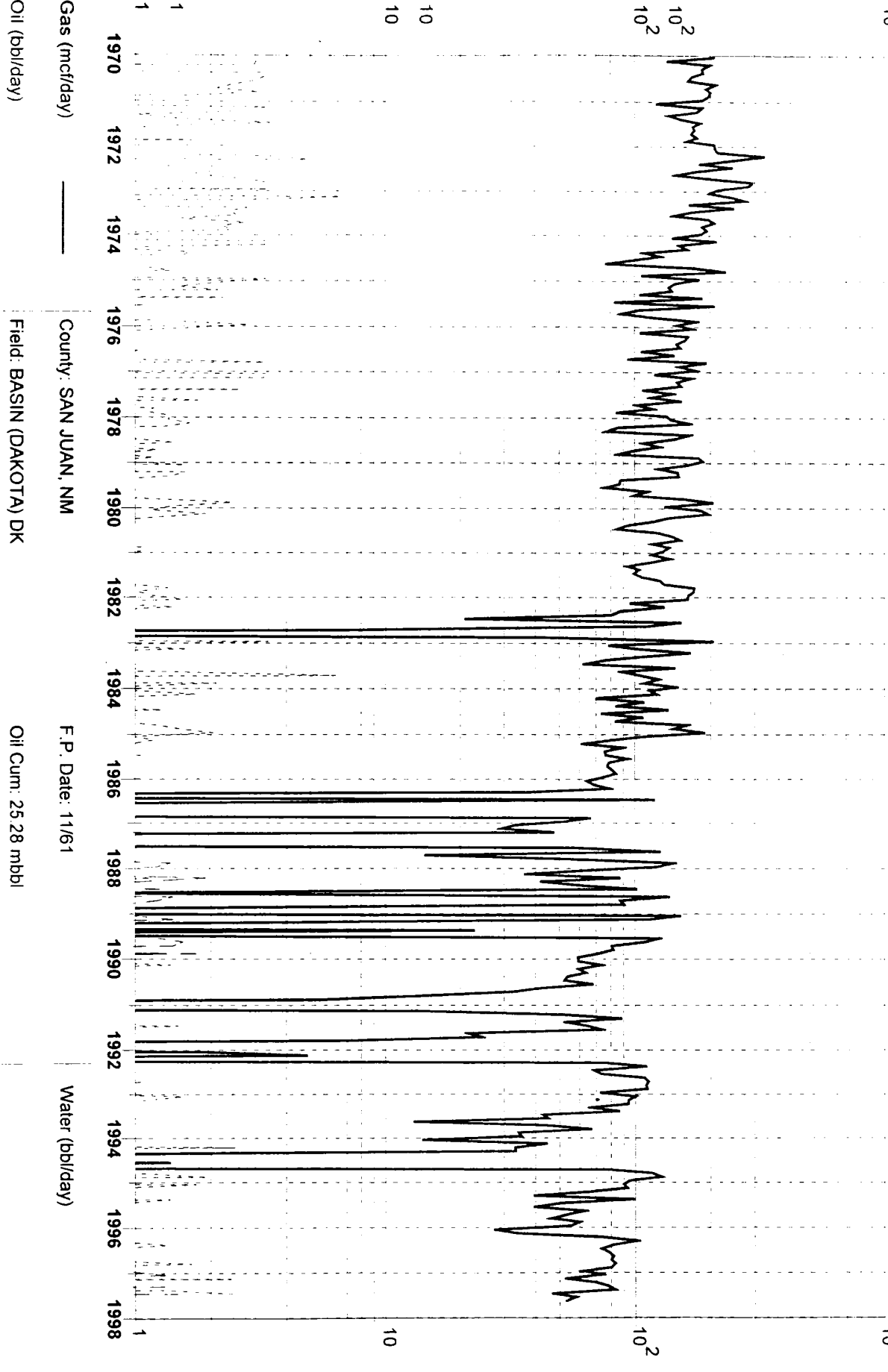
YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
1998	61.2	0.71
1997	58.6	0.68
1996	56.2	0.65
1995	53.9	0.62
1994	51.7	0.60
1993	49.6	0.57
1992	47.6	0.55
1991	45.6	0.53
1990	43.7	0.51
1989	42.0	0.49
1988	40.2	0.47
1987	38.6	0.45
1986	37.0	0.43
1985	35.5	0.41
1984	34.0	0.39
1983	32.6	0.38
1982	31.3	0.36
1981	30.0	0.35
1980	28.8	0.33
1979	27.6	0.32
1978	26.5	0.31
1977	25.4	0.29
1976	24.3	0.28
1975	23.3	0.27
1974	22.4	0.26
1973	21.5	0.25
1972	20.6	0.24
1971	19.7	0.23
1970	18.9	0.22
1969	18.2	0.21
1968	17.4	0.20
1967	16.7	0.19
1966	16.0	0.19
1965	15.4	0.18
1964	14.7	0.17

Dwights

Lease: DAUM LS (6)

01/09/98

Retrieval Code: 251,045,28N09W32D00DK



County: SAN JUAN, NM

F.P. Date: 11/61

Field: BASIN (DAKOTA) DK

Oil Cum: 25.28 mbbl

Reservoir: DAKOTA

Gas Cum: 2110 mmcf

Operator: AMOCO PRODUCTION CO

Location: 32D 28N 9W

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 30-045-07054	2 Pool Code 72319	3 Pool Name Blanco Mesaverde
4 Property Code	5 Property Name Daum LS	6 Well Number #6
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 1,029' 3525

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	28N	9W		1150	North	800	West	San Juan

11 Bottom Hole Location If Different From Surface

UL or Ld no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code		15 Order No.					

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

A 4x4 grid with a dashed border. The top-left corner is labeled '6'. A horizontal arrow pointing right is labeled '800'' and a vertical arrow pointing down is labeled '1150''.

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

February 18, 1998

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



Mid-Continent Region
Exploration/Production

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

RE: Downhole Commingle Application C-107A
Daum LS #6
Section 32, T-28-N, R-9-W, D
API # 30-045-07054
San Juan County, New Mexico

Offset Operators:

Burlington Resources
PO Box 4289
Farmington, New Mexico 87499

S&G Interests
811 Dallas STE 1505
Houston, TX 77002

Richardson Operating
1700 Lincoln St STE 1700
Denver, CO 80203