

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 87505-6429

Form 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

Jackson COM

1

Section 9, T-28-N, R-9-W, O

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code

API NO.

30-045-25314

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)	4819-5564'		7314-7435'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	To Flow		Flowing
5. Bottomhole Pressure	a. (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	563		715
Gas & Oil - Flowing: Measured Current	b.(Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	1175		2423
6. Oil Gravity (°API) or Gas BT Content	1335		1268
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	Date Rates	Date Rates	Date Rates
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	Date Rates	Date Rates
	Production allocated by Subtraction - See Attached Table		EST 1/98 62 MCFD, 7.8 BOPD, 0 BWPD
8. Fixed Percentage Allocation Formula - % for 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. NMOC 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

3/6/98

TYPE OR PRINT NAME

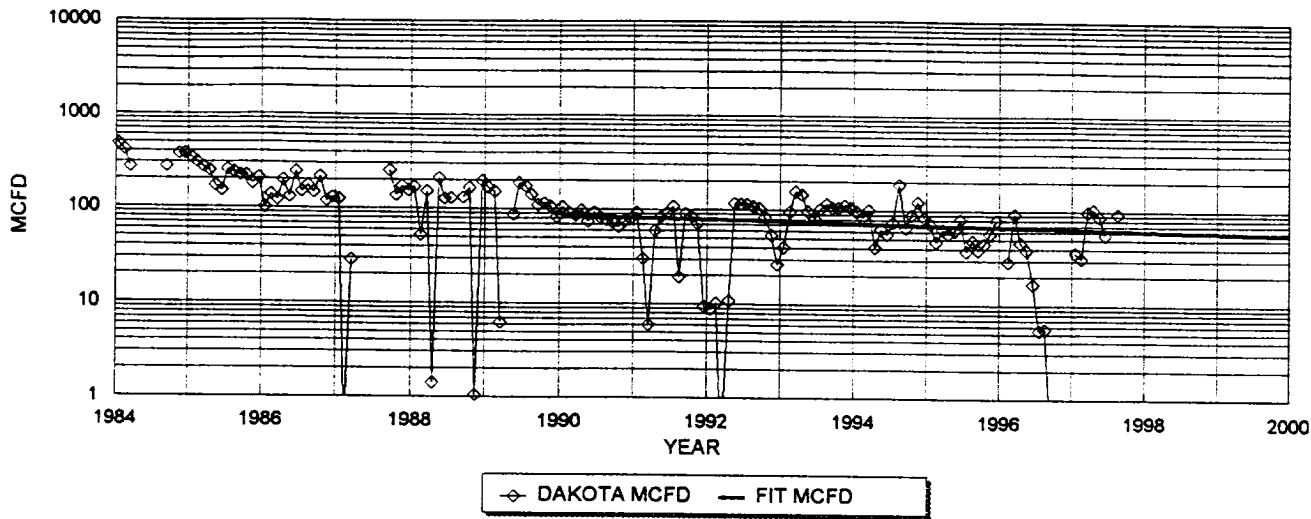
Kay Maddox

TELEPHONE NO.

(915)

686-5798

JACKSON COM 1 DAKOTA PRODUCTION  
SECTION 90-28N-09W



DAKOTA HISTORICAL DATA:		1ST PROD: 03/83	DAKOTA PROJECTED DATA	
OIL CUM:	7.26	MBO	1/1/98 Q1:	62 MCFD
GAS CUM:	578.6	MMCF	DECLINE RATE:	4.0% (EXPONENTIAL)
CUM OIL YIELD:	0.0125	BBL/MCF		
OIL YIELD:	0.0038	BBL/MCF, LAST 3 YRS		
AVG. USED:	0.0082	BBL/MCF		

YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPO
1998	60.3	0.5
1999	57.9	0.5
2000	55.6	0.5
2001	53.4	0.4
2002	51.2	0.4
2003	49.2	0.4
2004	47.2	0.4
2005	45.3	0.4
2006	43.5	0.4
2007	41.8	0.3
2008	40.1	0.3
2009	38.5	0.3
2010	37.0	0.3
2011	35.5	0.3
2012	34.1	0.3
2013	32.7	0.3
2014	31.4	0.3
2015	30.1	0.2
2016	28.9	0.2
2017	27.8	0.2
2018	26.7	0.2
2019	25.6	0.2
2020	24.6	0.2
2021	23.6	0.2
2022	22.6	0.2
2023	21.7	0.2
2024	20.9	0.2
2025	20.0	0.2
2026	19.2	0.2
2027	18.5	0.2
2028	17.7	0.1
2029	17.0	0.1
2030	16.3	0.1
2031	15.7	0.1
2032	15.1	0.1

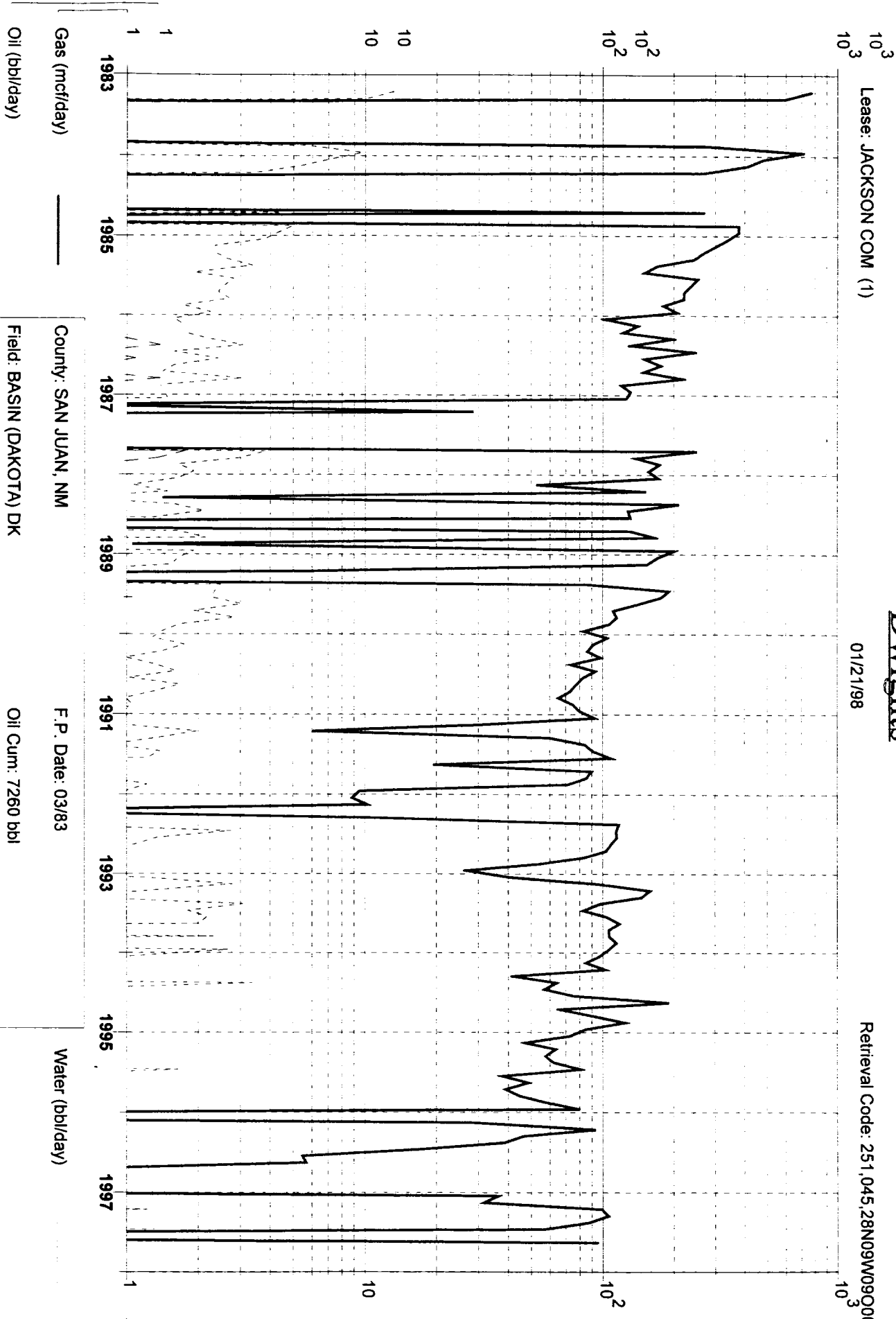
PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

Dwights

01/21/98

Lease: JACKSON COM (1)

Retrieval Code: 251,045,28N09W09Q00DK



Gas (mcf/day)

County: SAN JUAN, NM

F.P. Date: 03/83

Water (bbl/day)

Oil (bbl/day)

Field: BASIN (DAKOTA) DK

Oil Cum: 7260 bbl

Reservoir: DAKOTA

Gas Cum: 578.6 mmcf

Operator: AMOCO PRODUCTION CO

Location: 90 28N 9W

District I  
PO Box 1980, Hobbs, NM 88241-1980  
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 30-045-25314		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code		5 Property Name Jackson COM			6 Well Number 1
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 6612

10 Surface Location

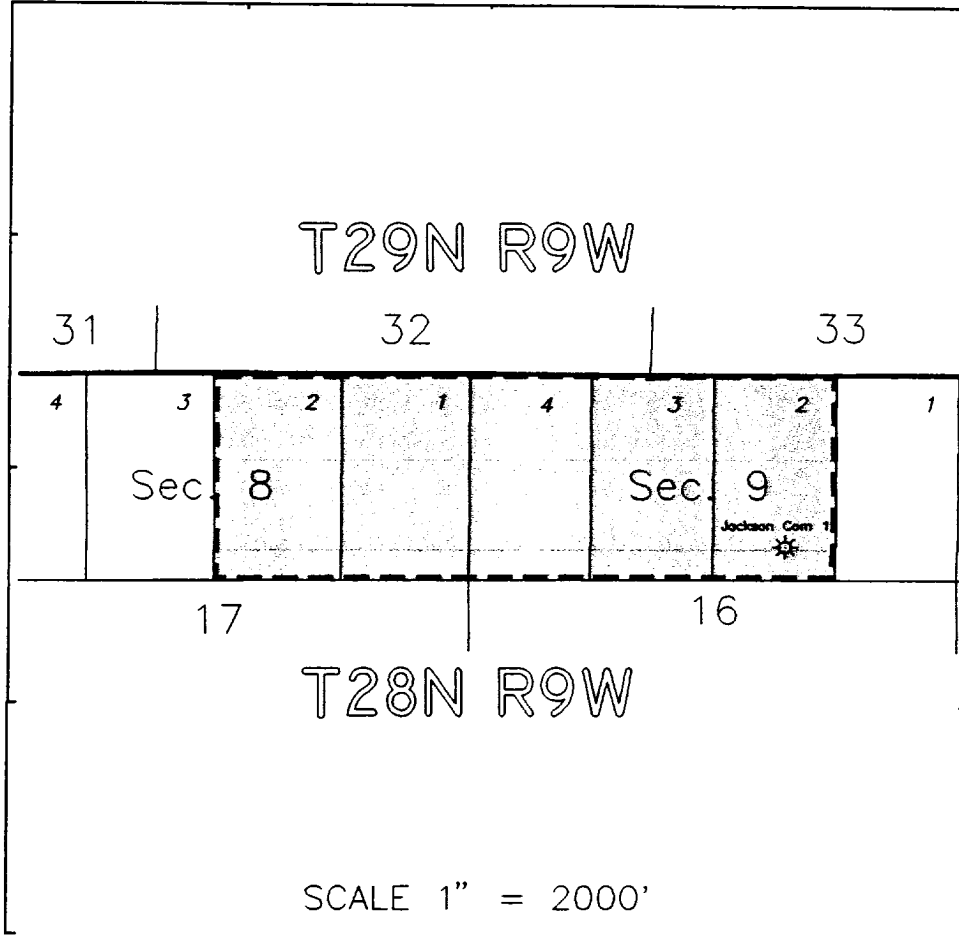
UL or lot no. O	Section 9	Township 28N	Range 9W	Lot Idn	Feet from the 440	North/South line South	Feet from the 1790	East/West line East	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 340	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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Kay Maddox*  
Signature

Printed Name

Regulatory Agent

Title

Date  
3/18/98

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

District I  
PO Box 1980, Hobbs. NM 88241-1980  
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

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4 Property Code		5 Property Name Jackson COM			6 Well Number 1
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 6612'

10 Surface Location

UL or lot no. O	Section 9	Township 28N	Range 9W	Lot Idn	Feet from the 440	North/South line South	Feet from the 1790	East/West line East	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 272.8		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

T29N R9W

32 33

3 2 1 4 3 2 1

Sec 8 Sec 9

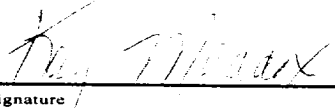
17 16

T28N R9W

SCALE 1" = 2000'

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  
March 16, 1998  
Date

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Date of Survey  
Signature and Seal of Professional Surveyor:  
Certificate Number

Conoco, Inc.  
10 Desta Dr Ste 100W  
Midland, TX 79705

Re: Application to Downhole Commingle C-107A  
Jackson COM #1 Sec 9, T-28-N, R-9-W, O  
San Juan County, New Mexico

**Notification Of Offset Operators:**

Amoco  
PO Box 800  
Denver, CO 80201

Burlington Resources  
PO Box 4289  
Farmington, NM 87499

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

West Largo Corp.  
6638 W. Ottawa Ave. STE 100  
Littleton, CO 80123

Koch Exploration Co.  
PO Box 2256  
Wichita, Kansas 67201