

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

1E

Section 8, T-28-N, R-9-W, 1

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

Spacing Unit Lease Types. (check 1 or more)

OGRID NO. 005073

Property Code

API NO.

30-045-25592

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 Meaverde 72319		Basin Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	4580-5550'		7272-7335'
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.	
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 56 MCFD, 1.15 BOPD, 0 BWPD
8. Fixed Percentage Allocation Formula - % or each zone	% Gas %	% Gas %	% 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

Mar 3, 98

TYPE OR PRINT NAME

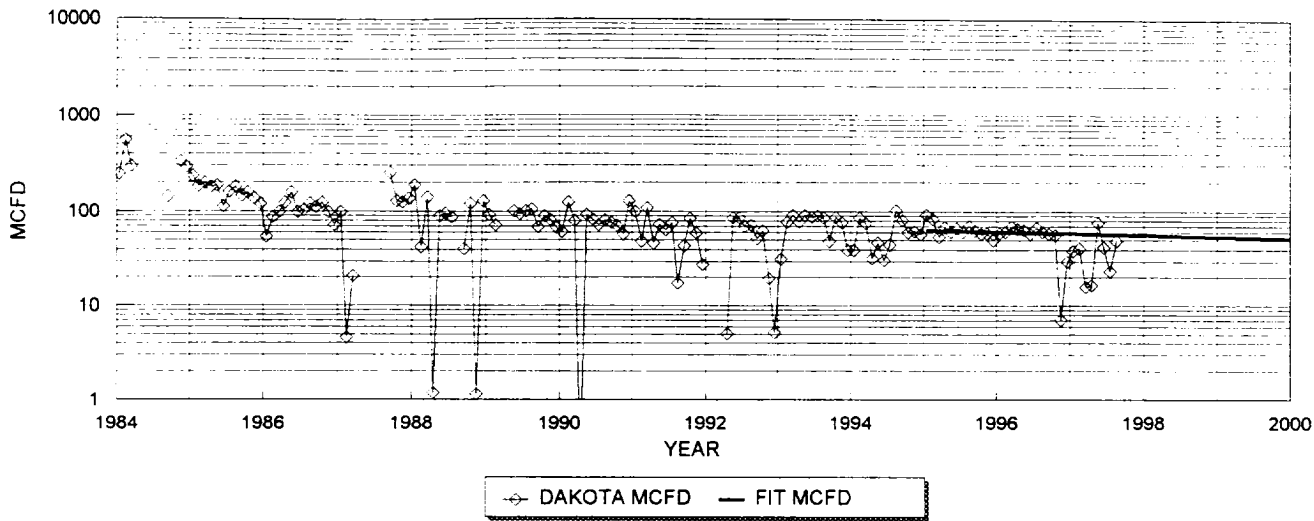
Kay Maddox

TELEPHONE NO.

(915)

686-5798

JACKSON COM 1E DAKOTA PRODUCTION
SECTION 8I-28N-09W



DAKOTA HISTORICAL DATA:		1ST PROD: 11/81	DAKOTA PROJECTED DATA	
OIL CUM:	8.28	MBO	1/1/98 Qi:	56 MCFD
GAS CUM:	400.6	MMCF	DECLINE RATE:	4.0% (EXPONENTIAL)
CUM OIL YIELD:	0.0207	BBL/MCF		
OIL YIELD:	0.0000	BBL/MCF, LAST 3 YRS		
AVG. USED:	0.0103	BBL/MCF		

YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPD
1998	55.0	0.6
1999	52.8	0.5
2000	50.7	0.5
2001	48.6	0.5
2002	46.7	0.5
2003	44.8	0.5
2004	43.0	0.4
2005	41.3	0.4
2006	39.7	0.4
2007	38.1	0.4
2008	36.5	0.4
2009	35.1	0.4
2010	33.7	0.3
2011	32.3	0.3
2012	31.0	0.3
2013	29.8	0.3
2014	28.6	0.3
2015	27.5	0.3
2016	26.4	0.3
2017	25.3	0.3
2018	24.3	0.3
2019	23.3	0.2
2020	22.4	0.2
2021	21.5	0.2
2022	20.6	0.2
2023	19.8	0.2
2024	19.0	0.2
2025	18.3	0.2
2026	17.5	0.2
2027	16.8	0.2
2028	16.2	0.2
2029	15.5	0.2
2030	14.9	0.2
2031	14.3	0.1
2032	13.7	0.1

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

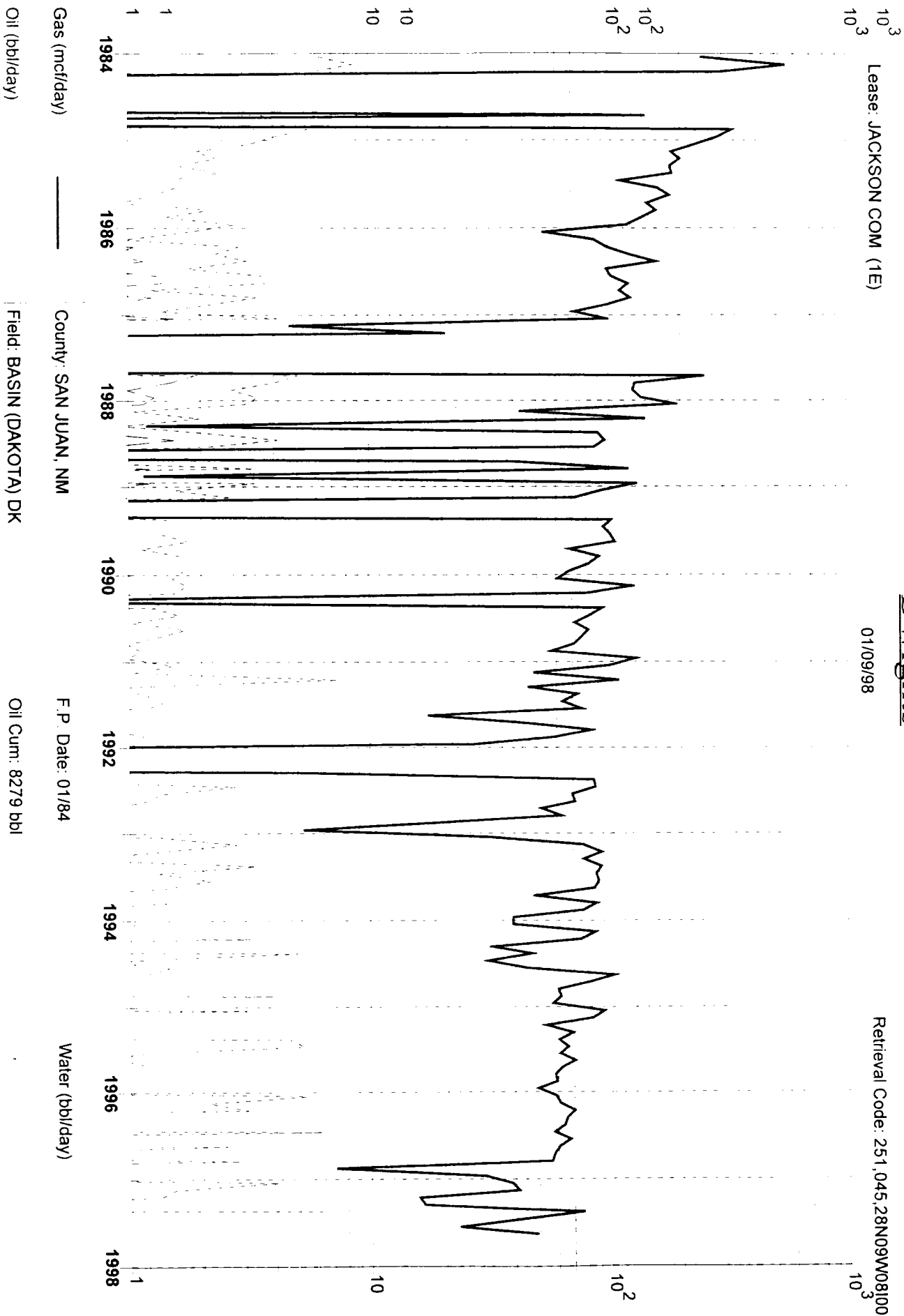
RECEIVED
MAR - 6 1998
OIL CON. DIV.
PMS

Dwights

01/09/98

Retrieval Code: 251,045,28N09W08100DK

Lease: JACKSON COM (1E)



County: SAN JUAN, NM

F.P. Date: 01/84

Water (bbl/day)

Oil (bbl/day)

Field: BASIN (DAKOTA) DK

Oil Cum: 8279 bbl

Reservoir: DAKOTA

Gas Cum: 400.6 mmcf

Operator: AMOCO PRODUCTION CO

Location: 81 28N 9W

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section.

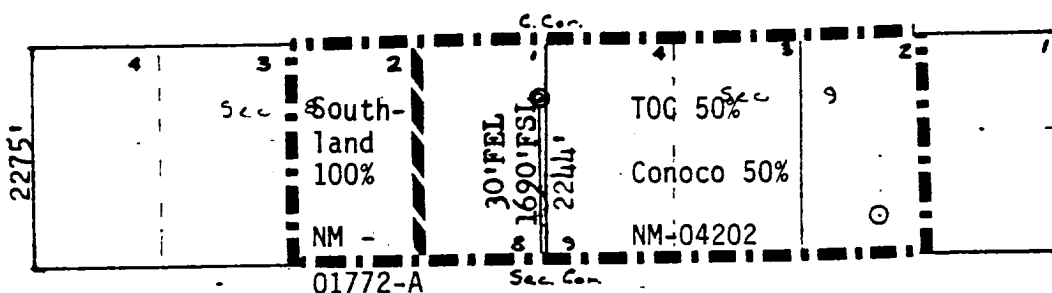
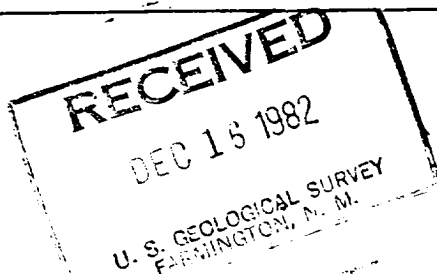
Operator TENNECO OIL COMPANY			Lease JACKSON COM			Well No. 1E		
Unit Letter I (Lot #1)	Section 8	Township 28N	Range 9W	County San Juan				
Actual Footage Location of Well: 1690 feet from the South line and 30 feet from the East line								
Ground Level Elev. 6602	Producing Formation Dakota			Pool Basin Dakota			Dedicated Acreage: 340.52 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=2000'

CERTIFICATION

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

Ken Russell

Name
Ken Russell

Position
Sr. Production Analyst

Company
Tenneco Oil Co.

Date
September 20, 1982

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 knowledge and belief.

Date Surveyed
August 13, 1982

Registered Professional Engineer and Land Surveyor
Frederick J. Herr

Certificate No.
2050

Form C-102

Revised February 21, 199-

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-25592		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code		5 Property Name Jackson Com			
7 OGRD No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			
6 Well Number 1E		9 Elevation 6602'			

10 Surface Location									
UL or lot no I	Section 8	Township 28N	Range 9W	Lot Idn	Feet from the 1690	North/South line South	Feet from the 30	East/West line East	County San Juan

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 273.92 340.2									
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

17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief		Signature <i>Kay Maddox</i>		Printed Name Kay Maddox		Regulatory Agent		Title February 23, 1998		Date February 23, 1998		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

Conoco, Inc.
Jackson Com #1E
Section 8, T-28-N, R-9-W, I
San Juan County, NM
API # 30-045-25592

RE: Downhole Commingle Application C-107A

Offset Operators:

Burlington Resources
PO Box 4289
Farmington, NM 87499

Amoco
PO Box 800
Denver, CO 80201

S&G Interests
1331 Lamar Street STE 501
Houston, TX 77010

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

Koch Exploration
PO Box 2256
Wichita, Ks 67201