

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

3

Section 10, T-28-N, R-9-W, I

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code

API NO.

30-045-25315

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	Basin Fruitland Coal 71629		Blanco Mesaverde 72319
2. TOP and Bottom of Pay Section (Perforations)	2170-2348'		3969-4969'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		To Flow
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 250 b(Original) 1175	<div>RECEIVED MAR - 2 1998 OIL CON. DIV. DIST. 3</div> a b	a 563 b 1175
6. Oil Gravity ("API) or Gas BT Content	1164		1335
7. Producing or Shut-In?	Producing		To Be Completed
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 EST 1/98 46 MCFD, 0 BOPD, 0 BWPD	Date Rates	Date Rates Production to be allocated by Subtraction - See Attached table
8. Fixed Percentage Allocation Formula - % of 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).

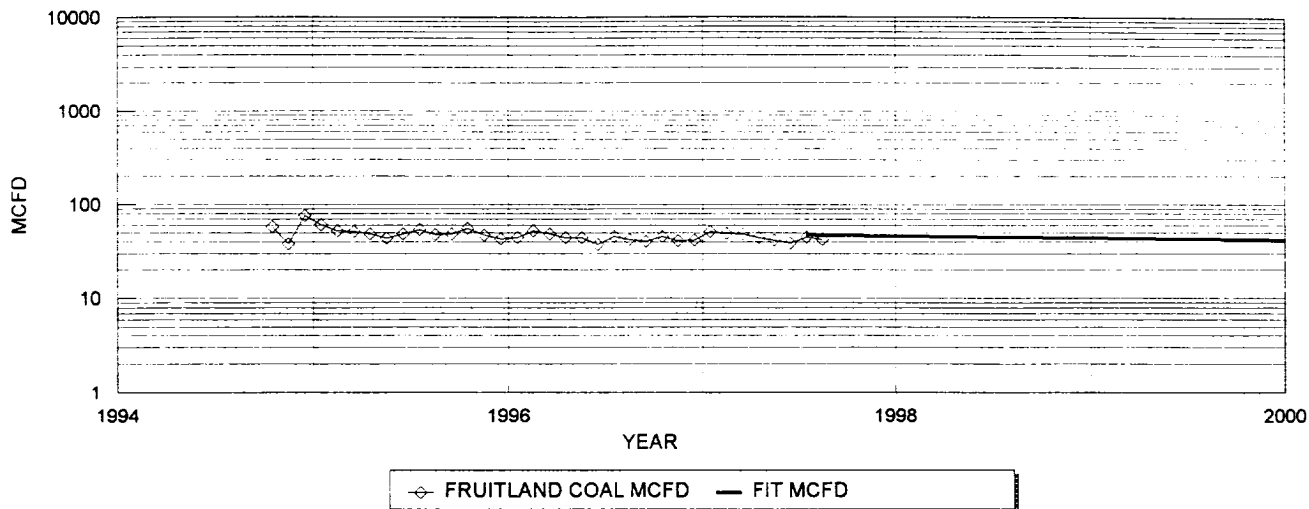
16. ATTACHMENTS

- * 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 2/24/98
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

JACKSON #3 FRUITLAND COAL PRODUCTION
SECTION 10I-28N-09W



FRUIT.COAL HIST. DATA:		1ST PROD: 03/94	FRUIT. COAL PROJECTED DATA	
OIL CUM:	0.07	MBO	1/1/98 Qi:	46 MCFD
GAS CUM:	50.4	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)
CUM OIL YIELD:	0.0013	BBL/MCF		
OIL YIELD:	0.0003	BBL/MCF, LAST 3 YRS		
AVG. USED:	0.0008	BBL/MCF		

YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPD
1998	45.0	0.0
1999	42.8	0.0
2000	40.6	0.0
2001	38.6	0.0
2002	36.7	0.0
2003	34.8	0.0
2004	33.1	0.0
2005	31.4	0.0
2006	29.9	0.0
2007	28.4	0.0
2008	27.0	0.0
2009	25.6	0.0
2010	24.3	0.0
2011	23.1	0.0
2012	22.0	0.0
2013	20.9	0.0
2014	19.8	0.0
2015	18.8	0.0
2016	17.9	0.0
2017	17.0	0.0
2018	16.1	0.0
2019	15.3	0.0
2020	14.6	0.0
2021	13.8	0.0
2022	13.1	0.0
2023	12.5	0.0
2024	11.9	0.0
2025	11.3	0.0
2026	10.7	0.0
2027	10.2	0.0
2028	9.7	0.0
2029	9.2	0.0
2030	8.7	0.0
2031	8.3	0.0
2032	7.9	0.0

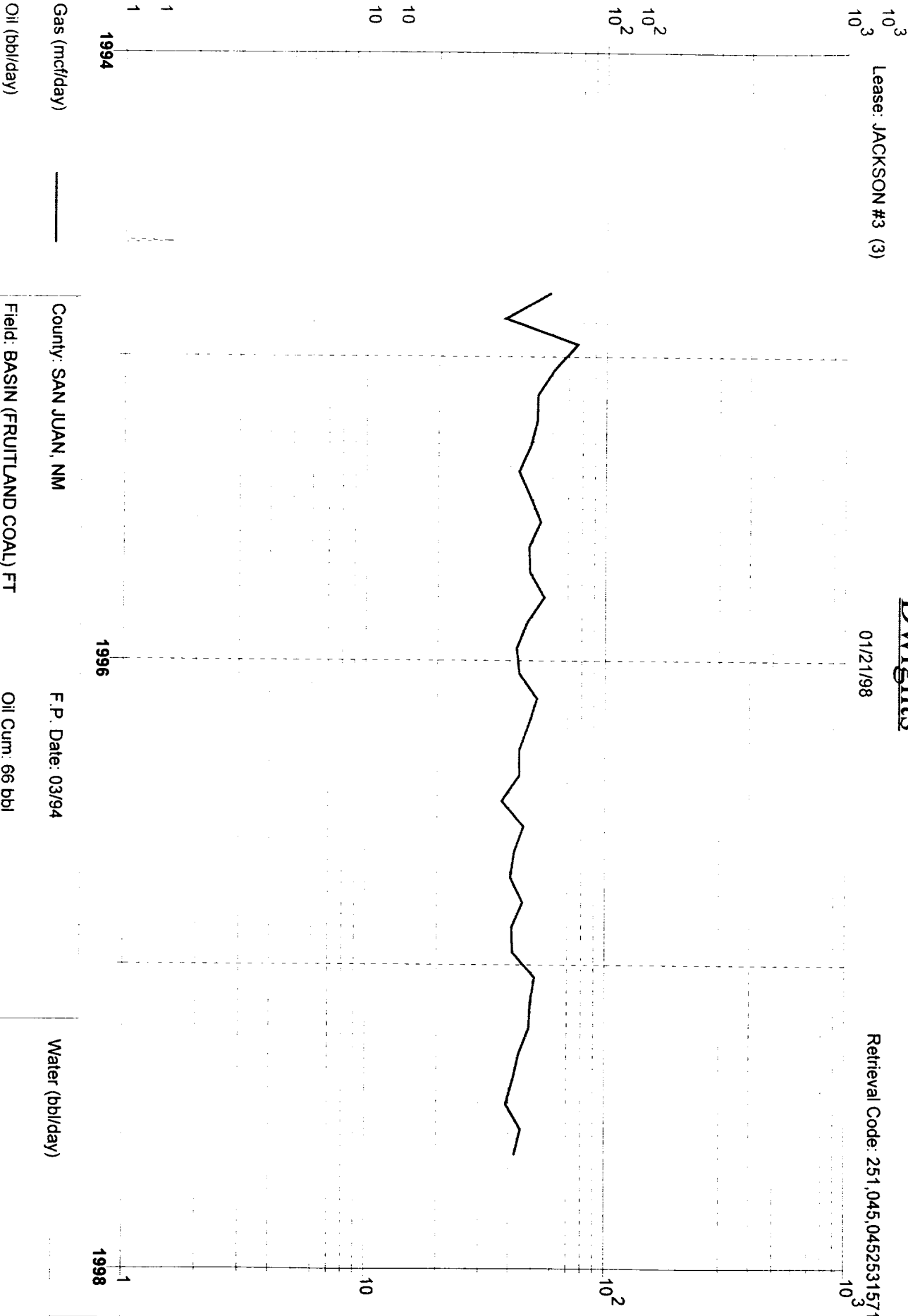
PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

Dwights

Lease: JACKSON #3 (3)

01/21/98

Retrieval Code: 251,045,0452531571629



Gas (mcf/day)

County: SAN JUAN, NM

F.P. Date: 03/94

Water (bbl/day)

Oil (bbl/day)

Field: BASIN (FRUITLAND COAL) FT

Oil Cum: 66 bbl

Reservoir: FRUITLAND COAL

Gas Cum: 50.41 mmcf

Operator: AMOCO PRODUCTION CO

Location: 10 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 30-045-25315	2 Pool Code 72319	3 Pool Name Blanco Mesaverde
4 Property Code	5 Property Name Jackson	6 Well Number 3
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 6022'

10 Surface Location

UL or lot no. I	Section 10	Township 28N	Range 9W	Lot Idn	Feet from the 1430	North/South line South	Feet from the 1140	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 270.36	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
"All" Section 10 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16			
	SECTION 10		1140'
			1430'

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

Kay Maddox
Printed Name

Regulatory Agent
Title

2/24/98
Date

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <i>Amoco Production Company</i>			Lease <i>JACKSON</i>		Well No. <i>3</i>
Unit Letter <i>I</i>	Section <i>10</i>	Township <i>28 N</i>	Range <i>9W</i>	County <i>SAN JUAN</i>	
Actual Footage Location of Well: <i>1430'</i> feet from the <i>South</i> line and <i>1140'</i> feet from the <i>FEL</i> line					
Ground level Elev. <i>6910 KB</i>	Producing Formation <i>Fruitland Coal</i>		Pool <i>Basin Fruitland Coal</i>	Dedicated Acreage: <i>5/2</i> <i>270.36</i> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. <i>"ALL" Sec. 10</i></p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). _____</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					
				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature <i>Ed Hadlock</i>	
				Printed Name <i>Ed Hadlock</i>	
				Position <i>Admin. Analyst</i>	
				Company <i>Amoco Production Co.</i>	
				Date <i>11/2/92</i>	
				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 knowledge and belief.	
				Date Surveyed	
				Signature & Seal of Professional Surveyor <i>"ON File"</i>	
				Certificate No.	

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

Re: Application to Downhole Commingle C-107A
Jackson #3 Section 10, T-28-N, R-9-W, M
San Juan County, New Mexico

Notification Of Offset Operators:

Amoco
PO Box 800
Denver, CO 80201

Burlington Resources
PO Box 4289
Farmington, NM 87499

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

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