

DISTRICT I

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

DISTRICT II

811 Southl 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 87505-8429Form C-107-A
New 3-12-98

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

Conoco Inc.

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

Operator

Address

San Juan 28-7

188

N-26-T28N-R7W

Rio Arriba

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code 16608

API NO. 30-039-20769

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	Mesa Verde 72319		Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	4924' - 5626' OA		7547' - 7739'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Expected to be Flowing		Flowing
5. Bottomhole Pressure	a (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	800 psia		720 psia
Gas & Oil - Flowing: Measured Current	b(Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	1192		2925
6. Oil Gravity (*API) or Gas BT Content	1238		1118
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
	Incremental Production by Subtraction		Mid-Year avg. rates - see table
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 ☐
* Conoco is offset operator to all San Juan 28-7 Unit wells.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 ☐ No13. 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) _____

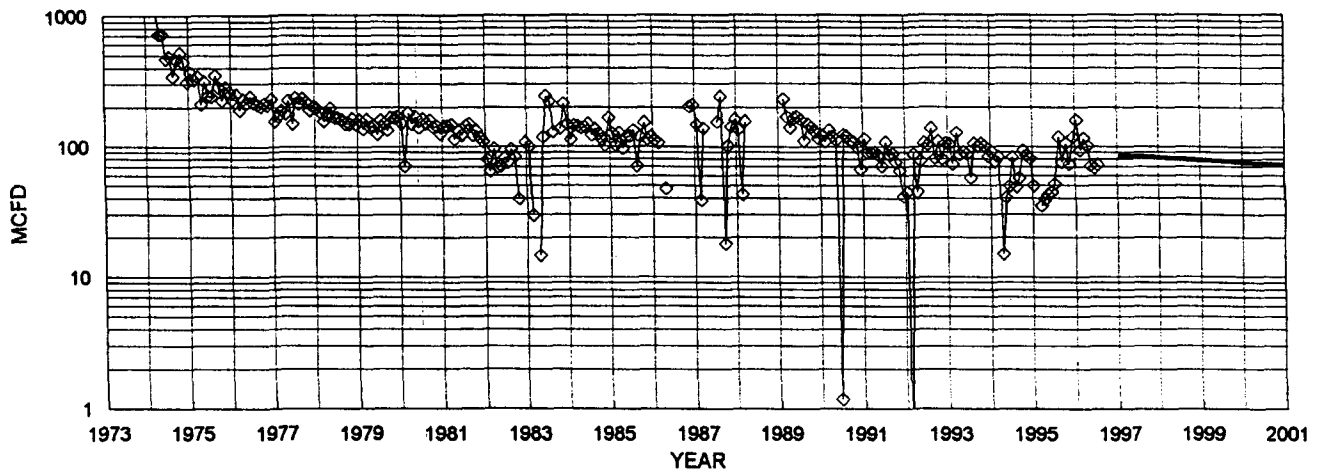
16. ATTACHMENTS

- * 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 Jerry W. Hoover TITLE Sr. Conservation Coord DATE 1/27/97TYPE OR PRINT NAME Jerry W. Hoover TELEPHONE NO. (915) 686-6548

**SAN JUAN 28-7 UNIT NO. 188 DAKOTA PRODUCTION
SECTION 26N-28N-07W**



◇ DAKOTA MCFD — FIT MCFD

DAKOTA HISTORICAL DATA: 1ST PROD: 3/74

OIL CUM: 2.18 MBO
 GAS CUM: 1123.2 MMCF
 CUM OIL YIELD 0.0019 BBL/MCF
 OIL YIELD: 0.0011 BBL/MCF, LAST 3 YRS
 AVG. USED: 0.0015 BBL/MCF

DAKOTA PROJECTED DATA

1/1/97 Qi: 86 MCFD
 DECLINE RATE: 4.1% (EXPONENTIAL)

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
1996	84	0.1
1997	81	0.1
1998	77	0.1
1999	74	0.1
2000	71	0.1
2001	68	0.1
2002	65	0.1
2003	63	0.1
2004	60	0.1
2005	58	0.1
2006	55	0.1
2007	53	0.1
2008	51	0.1
2009	49	0.1
2010	47	0.1
2011	45	0.1
2012	43	0.1
2013	41	0.1
2014	40	0.1
2015	38	0.1
2016	36	0.1
2017	35	0.1
2018	33	0.1
2019	32	0.0
2020	31	0.0
2021	30	0.0
2022	28	0.0
2023	27	0.0
2024	26	0.0
2025	25	0.0
2026	24	0.0
2027	23	0.0
2028	22	0.0
2029	21	0.0
2030	20	0.0

NEW MEXICO OIL CONSERVATION COMMISSION
WE LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

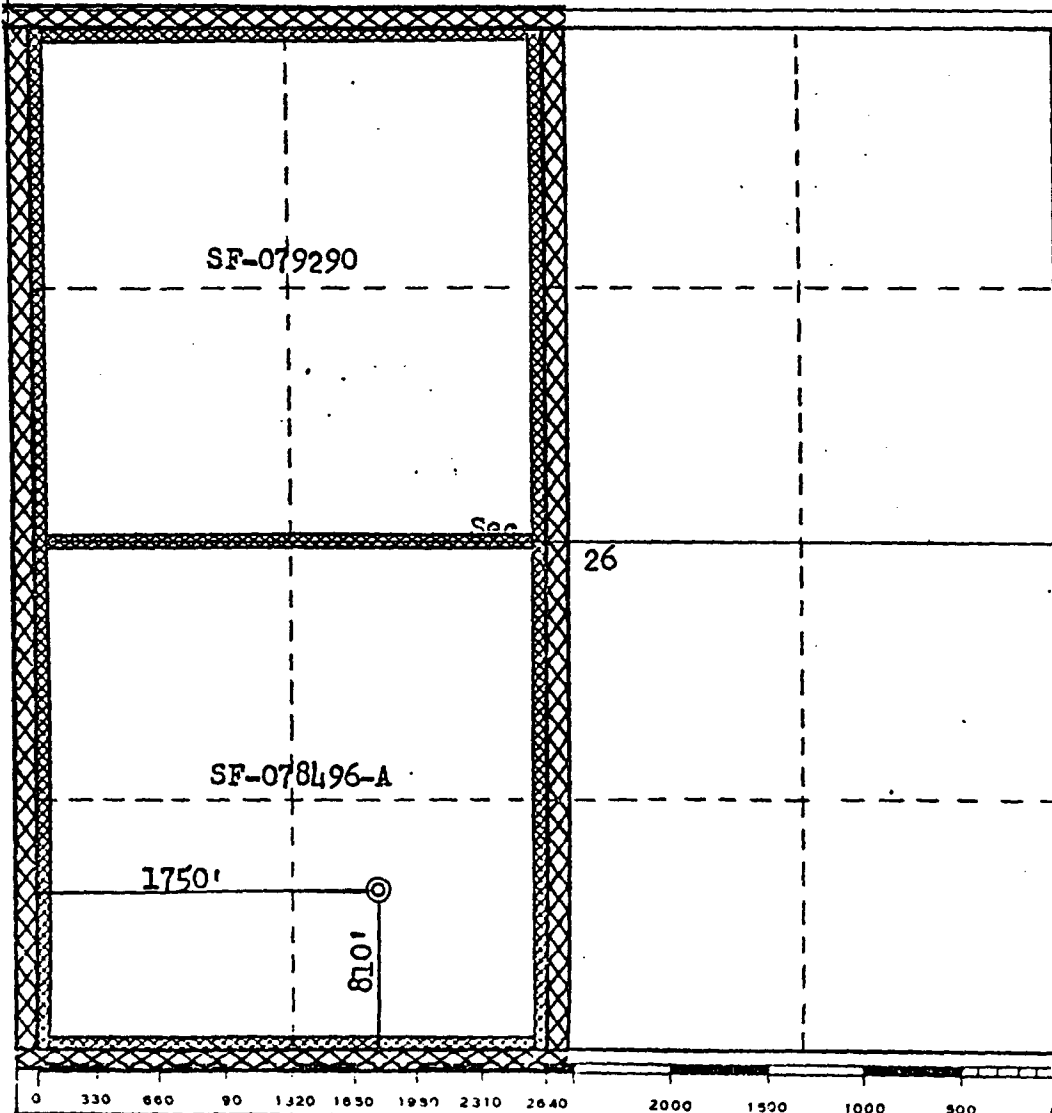
Operator El Paso Natural Gas Company			Lease San Juan 28-7 Unit (SF-078496-A)			Well No. 188		
Unit Letter N	Section 26	Township 28N	Range 7W	County Rio Arriba				
Actual Footage Location of Well: 810 feet from the South line and 1750 feet from the West line								
Ground Level Elev. 6625	Producing Formation Dakota		Pool Basin Dakota			Dedicated Acreage: 320.00 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 **Unitization**

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.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
Original Signed by
D. G. Brisco

Name

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

August 23, 1973

Date

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

July 28, 1973

Registered Professional Engineer
and/or Land Surveyor

Fred B. Karr Jr.

Certificate No.

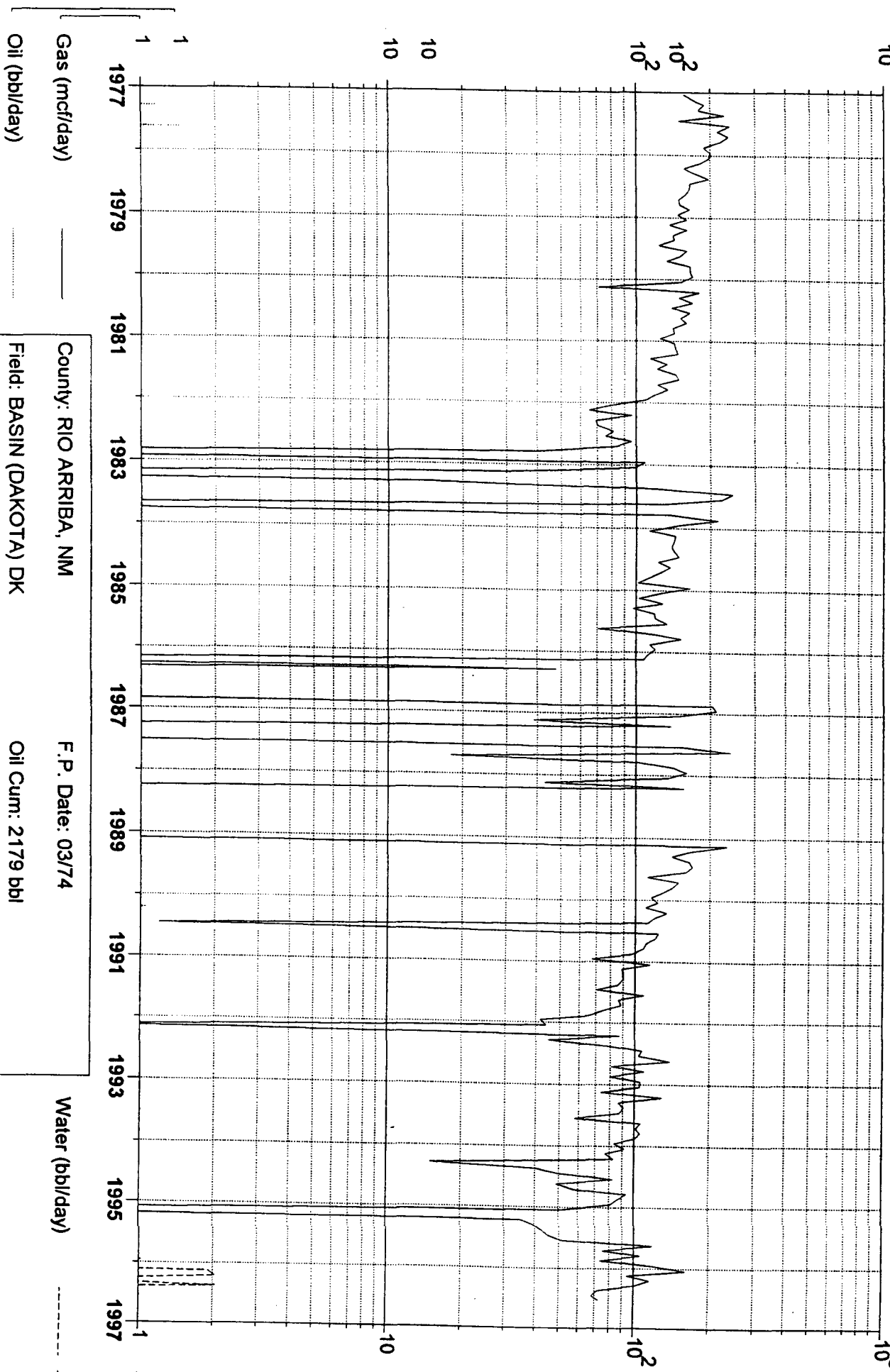
3950

10³
10²
10¹

Lease: SAN JUAN 28 7 UNIT (188)

Dwights
11/19/96

Retrieval Code: 251,039,2510392



County: RIO ARriba, NM	F.P. Date: 03/74
Field: BASIN (DAKOTA) DK	Oil Cum: 2179 bbl
Reservoir: DAKOTA	Gas Cum: 1123 mmcf
Operator: CONOCO INC	Location: 26N 28N 7W