

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV
2040 S. Pacheco, Santa Fe, NM 87505

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
Revised August 1999

APPROVAL PROCESS:

___ Administrative ___ Hearing

EXISTING WELLBORE

___X___ YES ___ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

P.O. Box 2197 Houston, TX 77252-2197

Operator

Address

SAN JUAN 28-7

184

K, SEC 9, T-27N, R7W

RIO ARRIBA

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005073

Property Code 016608

API NO. 30-039-20771

Federal ☒ State ___ (and/or) Fee ___

1. Pool Name and Pool Code	BLANCO MESA VERDE 72319	Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	4933 -5605 PROPOSED	7507-7728
3. Type of production (Oil or Gas)	GAS	GAS
4. Method of Production (Flowing or Artificial Lift)	EXPECTED TO FLOW	FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: Estimated Current All Gas Zones: Measured Current Estimated Or Measured Original	a. (Current) 517 b. (Original) 1250	a. 750 b. 3150
6. Oil Gravity (EAPI) or Gas BTU Content	1250	1120
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, give date and oil/gas/ water rates of recent test (within 60 days)	Date: _____ Rates: _____ Date: EXPECTED RATED Rates: 350 - 450 mcd	Date: _____ Rates: _____ Date: CURRENT RATE: Rates: 80 mcd
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	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 (Not necessary)

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 other? ☒ 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) R- 10476-B

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 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

Deborah Moore

TITLE

Regulatory Analyst

DATE

12/29/99

TYPE OR PRINT NAME

Deborah Moore

TELEPHONE NO (281) 293-1005

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-20679	² Pool Code 71599 / 72319	³ Pool Name Blanco Mesaverde / Basin Dakota
⁴ Property Code 016608	⁵ Property Name San Juan 28-7	⁶ Well Number 184
⁷ OGRID No. 005073	⁸ Operator Name Conoco Inc.	⁹ Elevation

¹⁰ Surface Location

UL or lot no. U	Section 24	Township 28N	Range 7W	Lot Idn	Feet from the 900'	North/South line North	Feet from the 990'	East/West line East	County Rio Arriba
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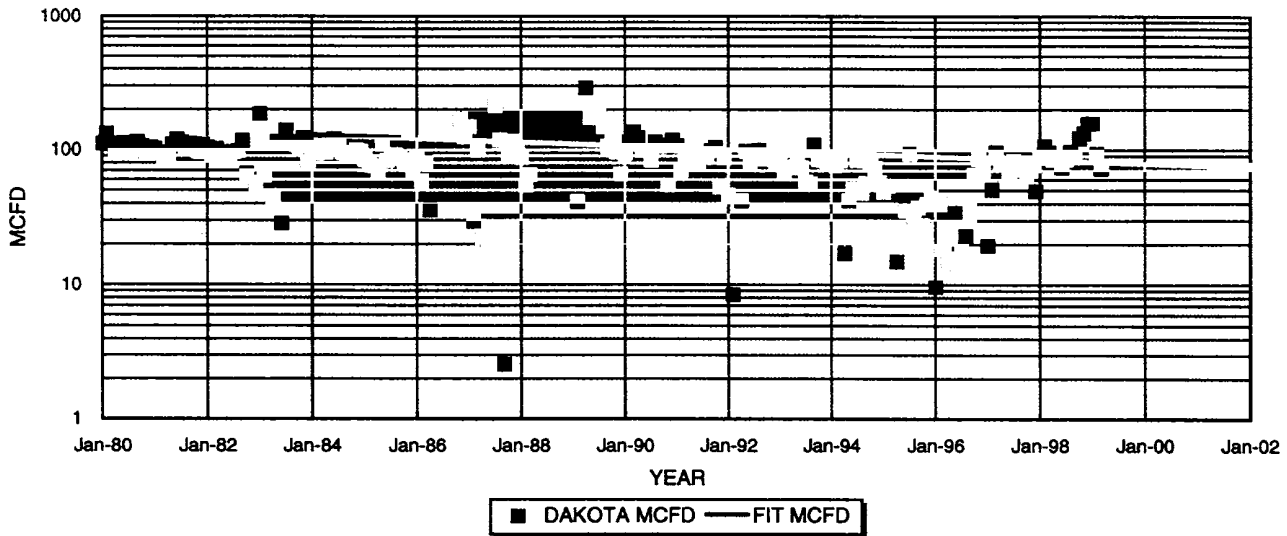
¹¹ Bottom Hole Location If Different From Surface

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 160/80	¹³ Joint or Infill I	¹⁴ Consolidation Code U	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>
	Signature <u>Deborah Moore</u>
	Printed Name Deborah Moore
	Title Regulatory Analyst
	Date <u>12/29/99</u>
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>
	Date of Survey
	Signature and Seal of Professional Surveyor:
	Certificate Number

**SJ 28-7 #184 DAKOTA PRODUCTION
SECTION 9K-27N-07W, RIO ARriba COUNTY, NEW MEXICO**



DAKOTA PRODUCTION

OIL CUM: 10.12 MBO
GAS CUM: 953.9 MMCF
OIL YIELD: 0.0106 BBL/MCF

1ST PROD: 03/74

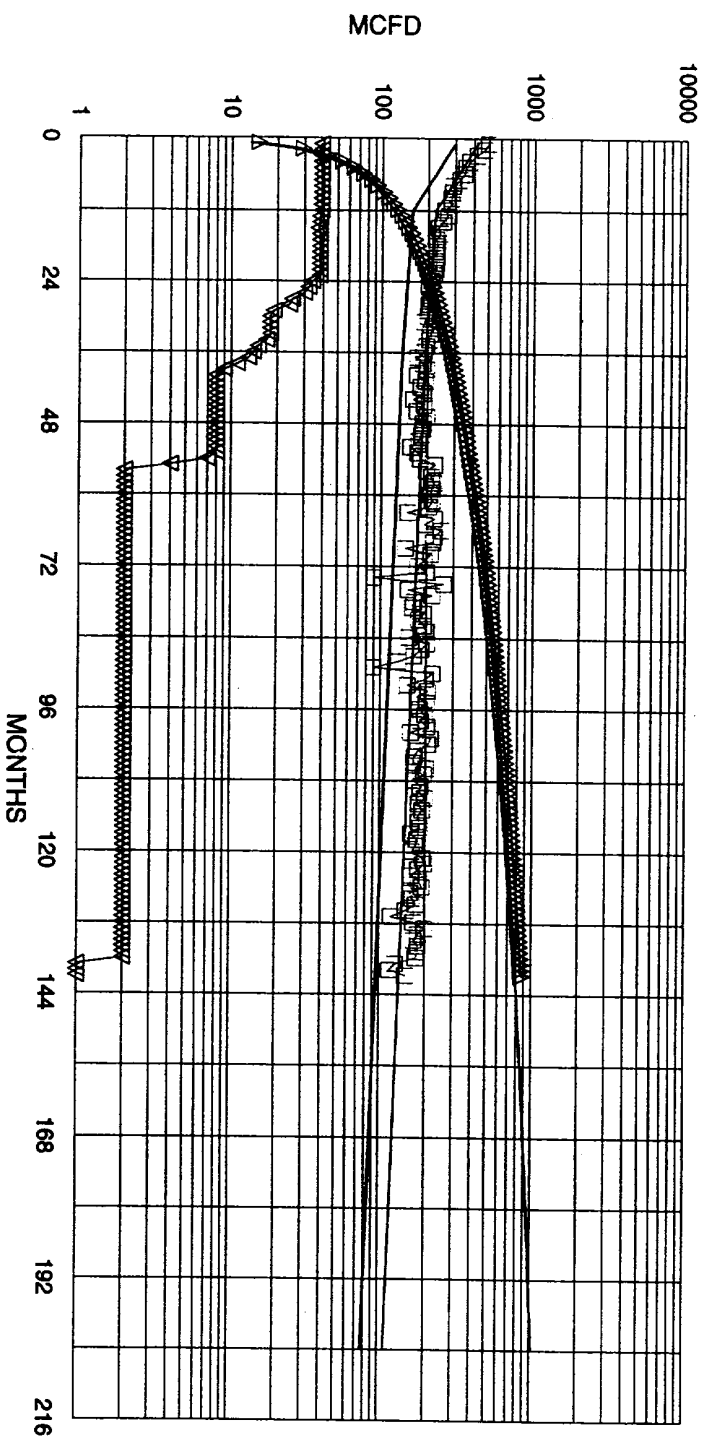
DAKOTA PROJECTED DATA

Jan.00 Qi: 80 MCFD
DECLINE RATE: 3.0% (EXPONENTIAL)
API #30-039-20771

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
2000	79	1
2001	76	0
2002	74	0
2003	72	0
2004	70	0
2005	68	0
2006	65	0
2007	64	0
2008	62	0
2009	60	0
2010	58	0
2011	56	0
2012	55	0
2013	53	0
2014	51	0
2015	50	0
2016	48	0
2017	47	0
2018	45	0
2019	44	0
2020	43	0
2021	41	0
2022	40	0
2023	39	0
2024	38	0
2025	37	0
2026	36	0
2027	35	0

NORMALIZED MESAVEVERDE PRODUCTION
 PROD. SINCE 1985; 39 MV WELLS LOCATED IN 28N-7W (37 wells are 1990's completions)



Expected Mesaverde Production - 325 MCFD for Yr. 1

NORMALIZED AVG:
 1789 MMCF EUR
 1145 MMCF IN 20 YRS
 25 MCFD E.L.
 0.0139 bbl/mcf oil yield

450 MCFD IP
 50% DECLINE, 1ST 12 MONTHS
 7% DECLINE, NEXT 24 MONTHS
 4% FINAL DECLINE

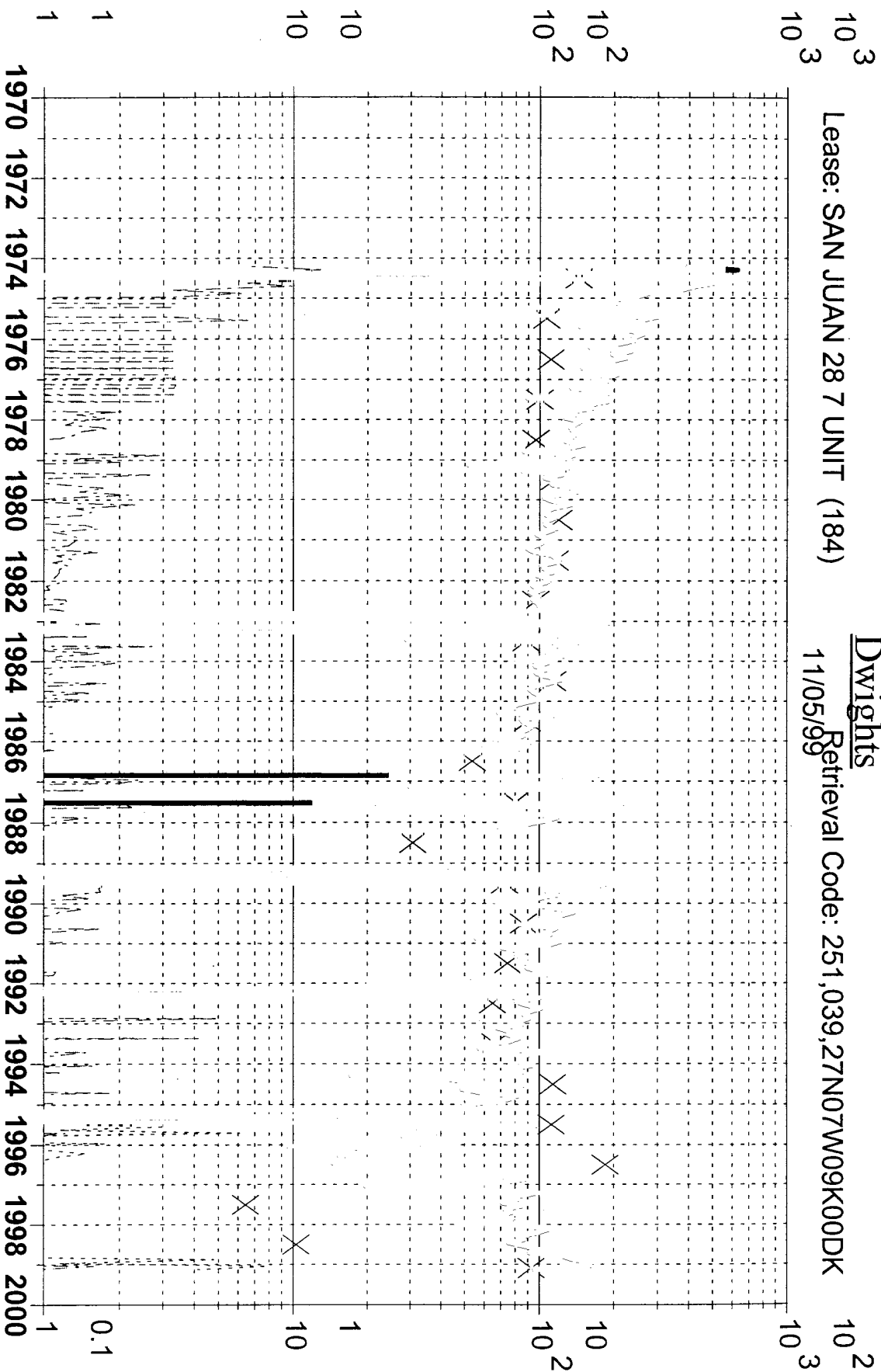
RISKED AVG: 30% RISK
 1184 MMCF EUR
 802 MMCF IN 20 YRS
 25 MCFD E.L.
 0.0139 bbl/mcf oil yield

315 MCFD IP
 50.0% DECLINE, 1ST 12 MONTHS
 7.0% DECLINE, NEXT 24 MONTHS
 4.0% FINAL DECLINE

Lease: SAN JUAN 28 7 UNIT (184)

Dwights
11/05/99

Retrieval Code: 251,039,27N07W09K00DK



Gas (mcf/day)

Operator: CONOCO INC

F.P. Date: 03/74

Water (bbl/day)

Yield (bbl/mmcf) Av

Location: 9K 27N 7W

Oil Cum: 10.11 mbbl

Field: BASIN (DAKOTA) DK

Gas Cum: 939.6 mmcf

Reservoir: DAKOTA

L.P. Date: 02/99

Lease:	SAN JUAN 28 7 UNIT	Well #:	184	FP Date:	74-03
Field:	BASIN (DAKOTA) DK	Location:	9K 27N 7W	LP Date:	99-02
Operator:	CONOCO INC	Liquid Cum:	10,107 bbls	Liq Since:	FPDATE
R/C I #:	251.039,27N07W09K00DK	Gas Cum:	939,564 mcf	Gas Since:	FPDATE
API #:	30-039-20771-00	Status:	ACT GAS		

DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
03/1998	0	2,974	0	1
04/1998	0	2,628	0	1
05/1998	0	2,627	0	1
06/1998	0	2,285	15	1
07/1998	3	2,631	15	1
08/1998	0	3,001	0	1
09/1998	1	2,779	5	1
10/1998	3	3,761	15	1
11/1998	29	4,097	145	1
12/1998	7	4,841	35	1
01/1999	48	4,853	240	1
02/1999	25	2,901	125	1
Total	116	39,378	595	

