

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
APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
Revised March 17, 1999
APPROVAL PROCESS:
☒ Administrative
☐ Hearing
EXISTING WELLBORE
☐ YES ☐ NO

Conoco Inc. P.O. Box 2197 DU 3066 Houston, TX 77252-2197

Operator		San Juan 28-7 Unit		#180	Address		O, S-19, T-27N, R-7W		Rio Arriba		
Lease		Well No.		Unit Ltr. - Sec - Twp - Rge		Spacing Unit Lease Types: (check 1 or more)		County		(and/or) Fee	
OGRID NO. 005073		Property Code 016608		API NO. 30-039-20763		Federal ☒ State ☐					
1. Pool Name and Pool Code		Basin Fruitland Coal		71629		Blanco P.C. South		72439			
2. Top and Bottom of Pay Section (Perforations)						2916' - 2952'					
3. Type of production (Oil or Gas)		Gas									
4. Method of Production (Flowing or Artificial Lift)		To Flow				Flowing					
5. Bottomhole Pressure		a. (Current) 432				381					
Oil Zones - Artificial Lift: Estimated Current											
Gas & Oil - Flowing: Measured Current											
All Gas Zones: Estimated Or Measured Original		b. (Original) 1167				b. 1227					
6. Oil Gravity (EAPI) or Gas BTU Content		1159				1189					
7. Producing or Shut-In?		Not yet completed				Producing					
Production Marginal? (yes or no)						No					
* If Shut-In, give date and oil/gas/water rates of last production		Date: Est. Rate = 150mcf/d		Date:		Date:					
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data		Rates: NA		Rates:		Rates:					
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)		Date: Rates:		Date: Rates:		Date: Rates: Approx. current rate 43 MCFD					
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)		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 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. 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 Deborah Moore TITLE Regulatory Analyst DATE 09/3/99

TYPE OR PRINT NAME Deborah Moore TELEPHONE NO. (281) 293-1005

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State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
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 30-039-20763	² Pool Code 71629 / 72439	³ Pool Name Basin Fruitland Coal, Blanco S. Pictured Cliffs
⁴ Property Code 016608	⁵ Property Name San Juan 28-7 Unit	⁶ Well Number #180
⁷ OGRID No. 005073	⁸ Operator Name Conoco Inc.	⁹ Elevation 6605'

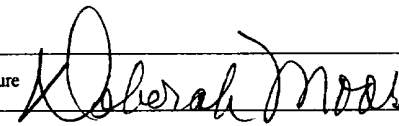
¹⁰ Surface Location

UL or lot no. O	Section 19	Township 27N	Range 7W	Lot Idn	Feet from the 960'	North/South line South	Feet from the 1720'	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. NA	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160/320	¹³ Joint or Infill	¹⁴ Consolidation Code u	¹⁵ Order No.						

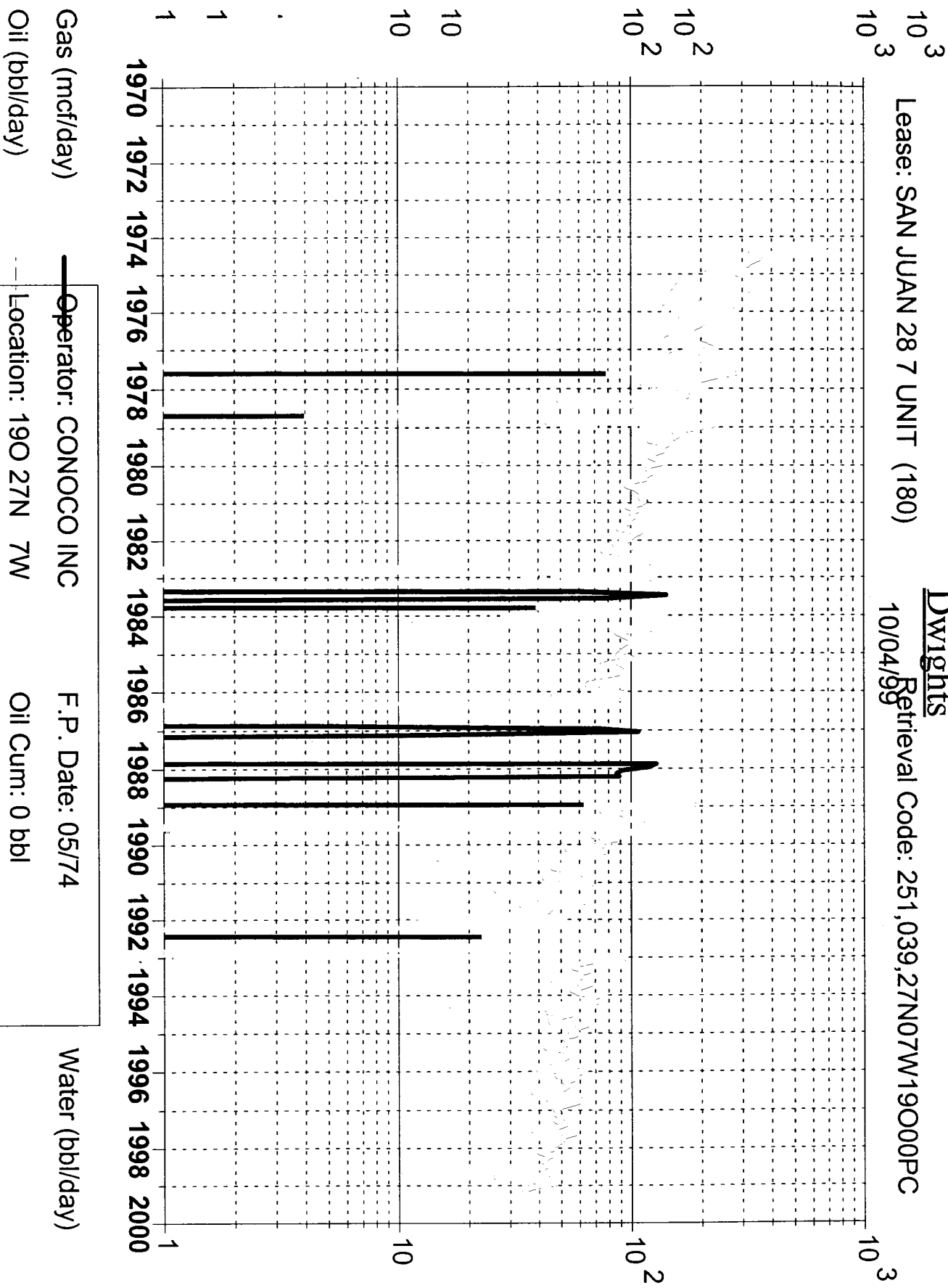
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 RECEIVED OCT - 5 1999 OIL CON. DIV. DIST. 3					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature  Printed Name Deborah Moore/281-293-1005 Title Regulatory Analyst Date 09/08/99 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 Surveyer: Certificate Number	
	Basin Fruitland Coal Blanco S. Pictured Cliff		Sec. 19	960'		1720'

Lease: SAN JUAN 28 7 UNIT (180)

Dwights
10/04/99

Retrieval Code: 251,039,27N07W19O00PC



Gas (mcf/day)

Oil (bbl/day)

Operator: CONOCO INC

F.P. Date: 05/74

Water (bbl/day)

Location: 190 27N 7W

Oil Cum: 0 bbl

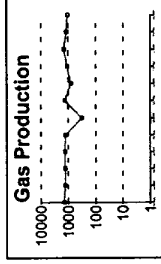
Field: BLANCO SOUTH (PCTU Gas Cum: 808.2 mmcf

Reservoir: PICTURE CLIFFS

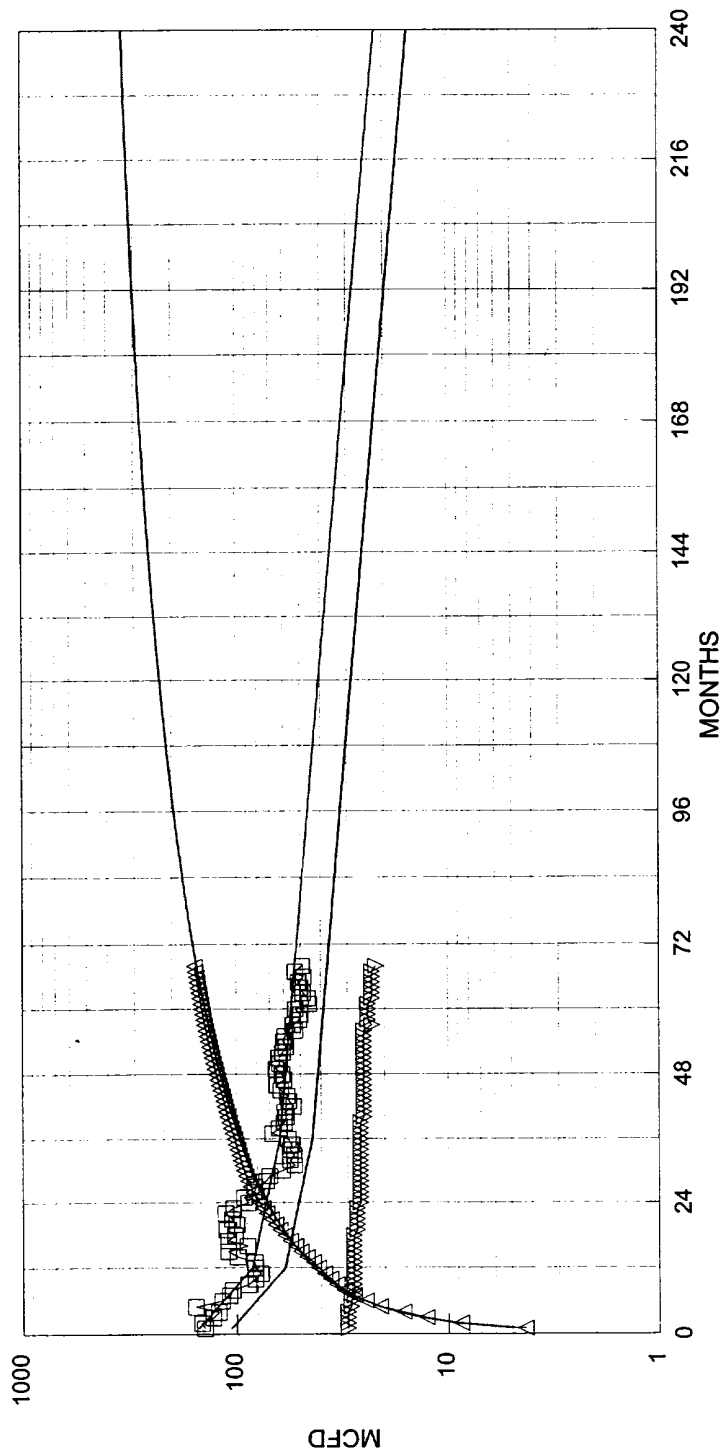
L.P. Date: 02/99

Lease:	SAN JUAN 28 7 UNIT	Well #:	180	FP Date:	74-05
Field:	BLANCO SOUTH (PICTURE CLIFFS) PC	Location:	190 27N 7W	LP Date:	99-02
Operator:	CONOCO INC	Liquid Cum:		Liq Since:	FDATE
RCI #:	251,039,27N07W19O00PC	Gas Cum:	808,224 mcf	Gas Since:	FDATE
API #:	30-039-20763-00	Status:	ACT GAS		

DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
03/1998	0	1,367	0	1
04/1998	0	1,291	0	1
05/1998	0	1,274	0	1
06/1998	0	1,316	0	1
07/1998	0	1,262	0	1
08/1998	0	317	0	1
09/1998	0	1,316	0	1
10/1998	0	791	0	1
11/1998	0	1,066	0	1
12/1998	0	1,413	0	1
01/1999	0	1,155	0	1
02/1999	0	1,046	0	1
Total	0	13,614	0	



NORMALIZED FRUITLAND COAL PRODUCTION
30 WELLS SINCE 1990; 28N-7W & 27N-7W



— FIT MCFD □ NORMALIZED MCFD △ NORM CUM MMCF
▽ WELLS ON PRODUCTION — FIT CUM MMCF — RISKED MCFD

Normalized plot for supporting SJ 28-7 FC recompletions

NORMALIZED AVG: 408 MMCF EUR 337 MMCF IN 20 YRS 10 MCFD E.L. 0.0000 bbl/mcf oil yield	160 MCFD IP 47% DECLINE, 1ST 12 MONTHS 14% DECLINE, NEXT 24 MONTHS 6% FINAL DECLINE	RISKED AVG: 30% RISK 268 MMCF EUR 237 MMCF IN 20 YR 10 MCFD E.L. 0.0000 bbl/mcf oil yield 112 MCFD IP 47% DECLINE, 1ST 12 MONTHS 14% DECLINE, NEXT 24 MONTHS 6% FINAL DECLINE
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