

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 87505-6429Form 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

San Juan 28-7 Unit

245

Section 18, T-28-N, R-7-W, B

Rio Arriba

Lease

Well No

Unit Ltr Sec Twp Rge

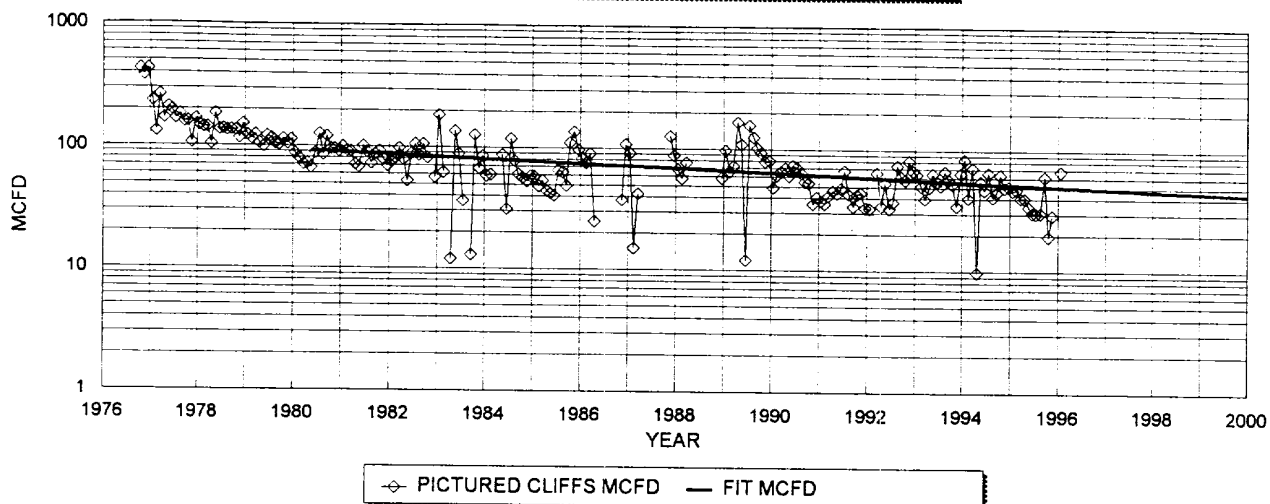
County

OGRID NO. 005073 Property Code 016608 API NO. 30-039-21179 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 PC South 72439
2. TOP and Bottom of Pay Section (Perforations)	3208-3404'		3417-3542'
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:	432		389
Gas & Oil - Flowing:	b. (Original)	b.	b.
All Gas Zones:	1167		1164
Estimated Or Measured Original			
6. Oil Gravity (*API) or Gas BT Content	1200		1242
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

**SAN JUAN 28-7 NO. 245 PICTURED CLIFFS PRODUCTION
SECTION 18B-28N-07W**



PC HISTORICAL DATA:

1ST PROD: 10/76
 OIL CUM: 0.47 MBO
 GAS CUM: 563.4 MMCF
 CUM OIL YIELD: 0.0008 BBL/MCF
 OIL YIELD: 0.0004 BBL/MCF, LAST 3 YRS
 AVG. USED: 0.0006 BBL/MCF

PC PROJECTED DATA

1/1/98 Qi: 47 MCFD
 DECLINE RATE: 3.7% (EXPONENTIAL)

YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPD
1998	46.2	0.0
1999	44.5	0.0
2000	42.9	0.0
2001	41.3	0.0
2002	39.8	0.0
2003	38.3	0.0
2004	36.9	0.0
2005	35.5	0.0
2006	34.2	0.0
2007	32.9	0.0
2008	31.7	0.0
2009	30.5	0.0
2010	29.4	0.0
2011	28.3	0.0
2012	27.3	0.0
2013	26.3	0.0
2014	25.3	0.0
2015	24.4	0.0
2016	23.5	0.0
2017	22.6	0.0
2018	21.7	0.0
2019	20.9	0.0
2020	20.2	0.0
2021	19.4	0.0
2022	18.7	0.0
2023	18.0	0.0
2024	17.3	0.0
2025	16.7	0.0
2026	16.1	0.0
2027	15.5	0.0
2028	14.9	0.0
2029	14.4	0.0
2030	13.8	0.0
2031	13.3	0.0
2032	12.8	0.0

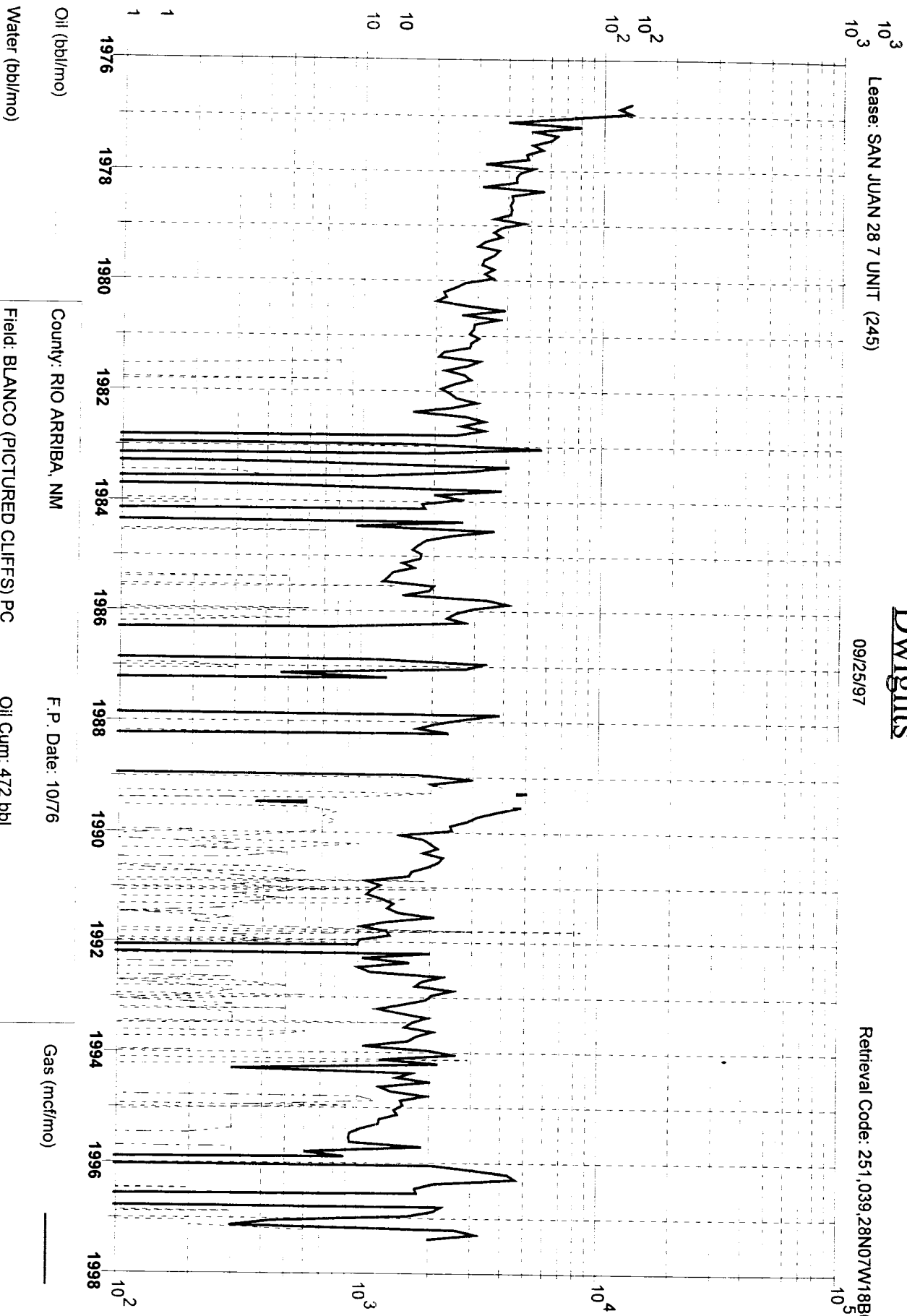
PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

Dwights

Lease: SAN JUAN 28 7 UNIT (245)

09/25/97

Retrieval Code: 251,039,28N07W18B00PC



Oil (bbl/mo)

Water (bbl/mo)

County: RIO ARriba, NM

Field: BLANCO (PICTURED CLIFFS) PC

Reservoir: PICTURED CLIFFS

Operator: CONOCO INC

F.P. Date: 10/76

Oil Cum: 472 bbl

Gas Cum: 561.6 mmcf

Location: 18B 28N 7W

Gas (mcf/mo)

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 30-039-21179	2 Pool Code 71629	3 Pool Name Basin Fruitland Coal
4 Property Code 016608	5 Property Name San Juan 28-7 Unit	6 Well Number 245
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 6781' GL

10 Surface Location

UL or lot no. B	Section 18	Township 28N	Range 7W	Lot Idn	Feet from the 820	North/South line North	Feet from the 1560	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 320	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

16									

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

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-162
Supersedes C-124
Effective 1-1-65

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

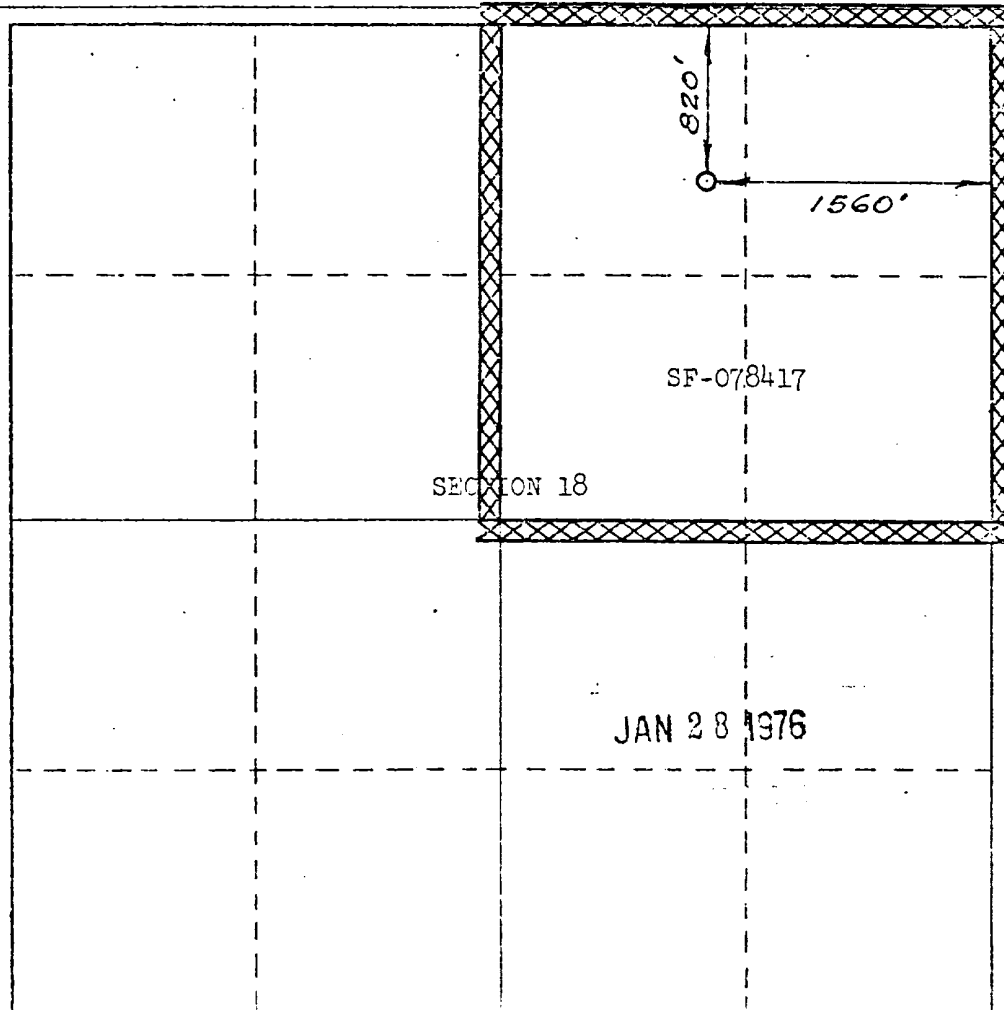
Operator EL PASO NATURAL GAS COMPANY		Lease SAN JUAN 28-7 UNIT (SF-078417)		Well No. 245
Tract Letter B	Section 18	Township 28-N	Range 7-W	County RIO ARriba
Actual Well Location of Well:				
820 feet from the NORTH line and		1560 feet from the EAST line		
Ground Level Elev. 6781	Producing Formation PICTURED CLIFFS	Pool SO. BLANCO PICTURED CLIFFS EXT.	Dedicated Acreage: 160.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

January 27, 1976
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
JUNE 26, 1975

Registered Professional Engineer
and/or Land Surveyor

[Signature]
1760



Mid-Continent Region
Exploration/Production

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

Downhole Commingle Application - C107A
San Juan Unit 28-7 Well #'s 146, 161, 168, 245

RE: Notification of Offset Operators

Conoco, Inc. Is the only offset operator of the above listed wells.

DATE IN	SUSPENSE	ENGINEER	LOGGED BY	TYPE
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Kay Maddox
Print or Type Name

Kay Maddox
Signature

Regulatory Agent
Title

1/6/98
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
5. Lease Designation and Serial No. SF 078417
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No. San Juan 28-7 Unit # 245
9. API Well No. 30-039-21179
10. Basin, Field, Pool, or Lease Basin Fruitland Coal, Blanco PC South
11. County or Parish, State Rio Arriba

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator CONOCO INC.	8. Well Name and No. San Juan 28-7 Unit # 245
3. Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424	9. API Well No. 30-039-21179
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 18, T-28-N, R-7-W, B 820' FNL & 1560' FEL	10. Basin, Field, Pool, or Lease Basin Fruitland Coal, Blanco PC South
	11. County or Parish, State Rio Arriba

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Repon	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracuring
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Downhole Commingle	<input type="checkbox"/> Dispose Water

(Note: Repon result of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to Downhole Commingle the Fruitland Coal & the Pictured Cliffs in this well.

**** Approval required

14. I hereby certify that the foregoing is true and correct		
Signed <u>Kay Maddox</u>	Title <u>Regulatory Agent</u>	Date <u>January 7, 1998</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval if any: _____		

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side