

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 87505-8429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☐ YES ☒ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

Operator

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

Address

San Juan 28-7 Unit

#218E

Section 12, T-28-N, R-7-W,P

Rio Arriba, NM

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code

API NO.

30-039-

2606

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 Pictured Cliffs 72439
2. TOP and Bottom of Pay Section (Perforations)	3212-3612'		3612-3786'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Expected to Flow		Expected to Flow
5. Bottomhole Pressure	a (Current)		
Oil Zones - Artificial Lift: Estimated Current	432		360
Gas & Oil - Flowing: Measured Current	b (Original)		
All Gas Zones: Estimated Or Measured Original	1167		1119
6. Oil Gravity ("API") or Gas BT Content	1045		1189
7. Producing or Shut-In?	To Be completed		To Be completed
Production Marginal? (yes or no)	Expected to be		Expected to be
- 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
	Expected IP 150-250 MCFD Allocation by test upon completion		Expected IP 200-300 MCFD Allocation by test upon completion
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?

If not, have all working, overriding, and royalty interests been notified by certified mail?

Have all offset operators been given written notice of the proposed downhole commingling?

Yes ☒ No ☐Yes ☒ No ☐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 ☐ 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. NMOC Reference Cases for Rule 303(D) Exceptions:

ORDER NO(S).

NSP-1799(L)

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

5/17/99

TYPE OR PRINT NAME

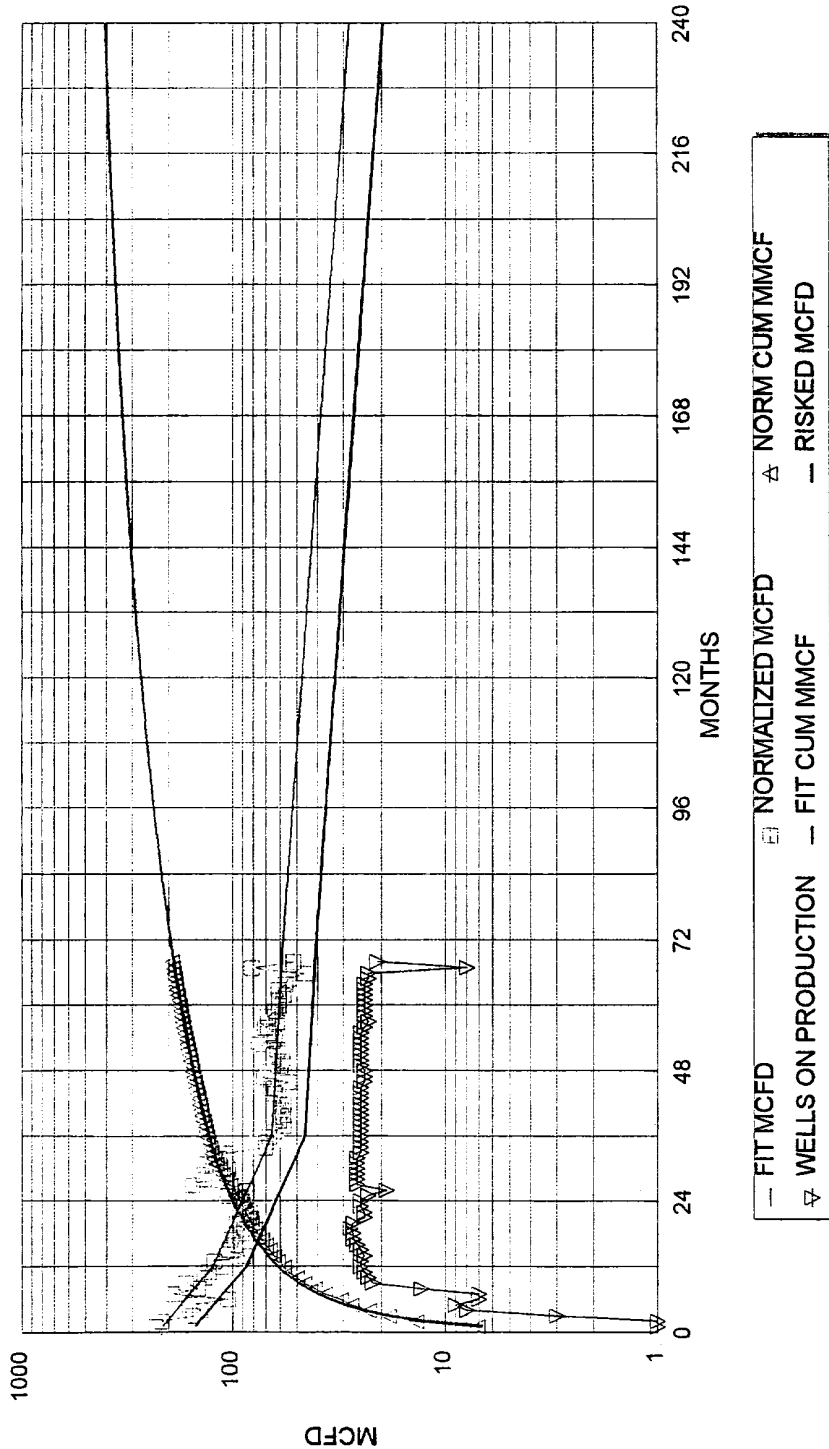
Kay Maddox

TELEPHONE NO.

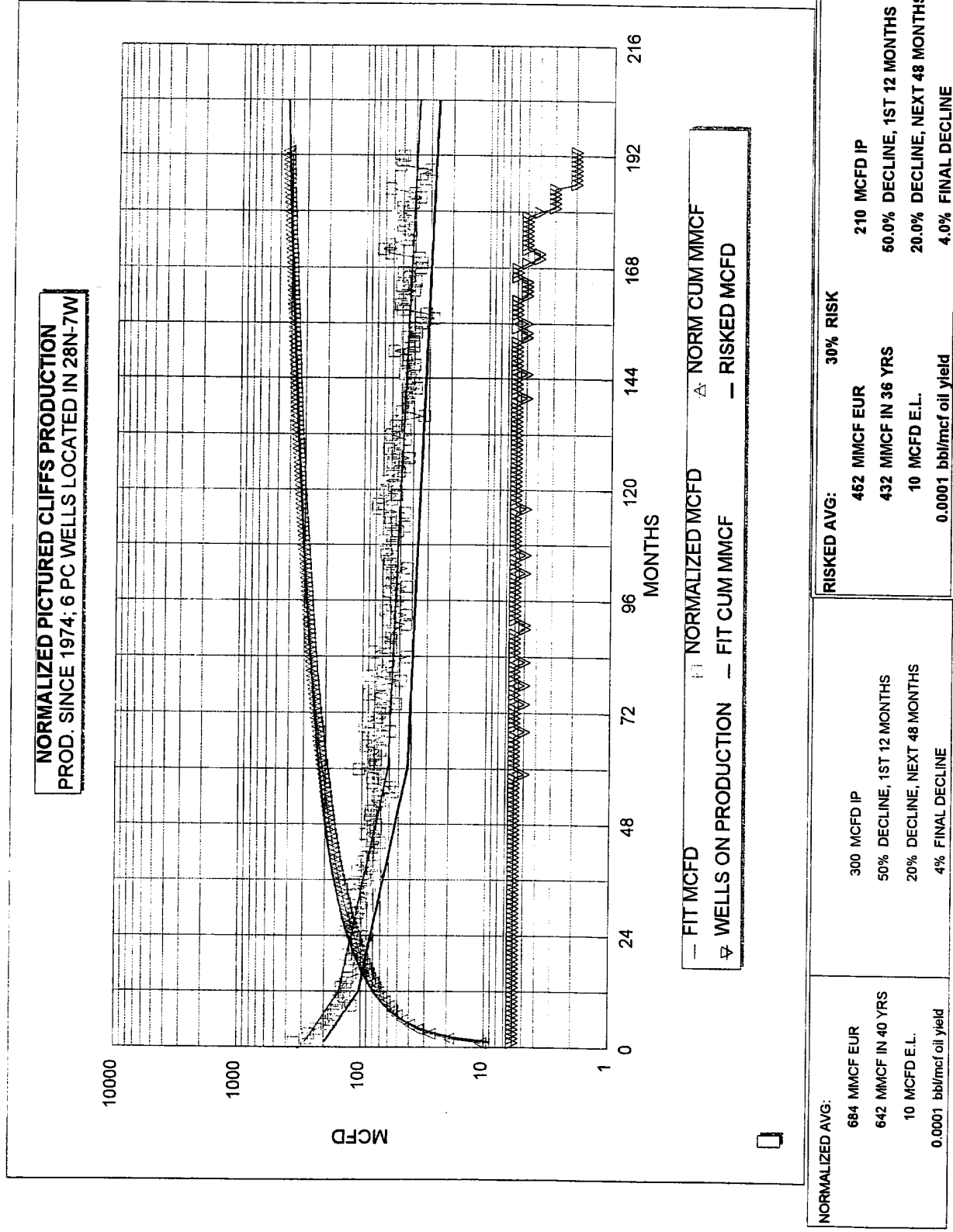
(915)

686-5798

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



NORMALIZED AVG:		RISKED AVG:		30% RISK	
540 MMCF EUR	225 MCFD IP	357 MMCF EUR	168 MCFD IP	45.0% DECLINE, 1ST 12 MONTHS	45.0% DECLINE, 1ST 12 MONTHS
539 MMCF IN 40 YRS	45.0% DECLINE, 1ST 12 MONTHS	354 MMCF IN 33 YRS	45.0% DECLINE, 1ST 12 MONTHS	27.0% DECLINE, NEXT 24 MONTHS	27.0% DECLINE, NEXT 24 MONTHS
10 MCFD E.L.	27.0% DECLINE, NEXT 24 MONTHS	10 MCFD E.L.	27.0% DECLINE, NEXT 24 MONTHS	5.0% FINAL DECLINE	5.0% FINAL DECLINE
0.0000 bbl/mcf oil yield	5.0% FINAL DECLINE	0.0000 bbl/mcf oil yield	5.0% FINAL DECLINE		





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

February 8, 1999

Conoco, Inc.
10 Desta Drive – Suite 100W
Midland, Texas 79705-4500

Attention: Kay Maddox

Administrative Order NSP-1799(L)

Dear Ms. Maddox:

Reference is made to the following: (i) your application dated January 11, 1999; and (ii) to the records of the New Mexico Oil Conservation Division in Santa Fe ("Division"): concerning Conoco, Inc.'s request for a non-standard 321.22-acre gas spacing and proration unit consisting of the following acreage in the Basin-Fruitland Coal (Gas) Pool:

RIO ARriba COUNTY, NEW MEXICO
TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Irregular Section 11:	Lot 1
Irregular Section 12:	All.

It is our understanding that this unit is to be dedicated to Conoco, Inc.'s proposed San Juan "28-7" Unit Well No. 218-E (API No. 30-039-26065), to be drilled at an off-pattern unorthodox coal gas well location 1030 feet from the South line and 1025 feet from the East line (Unit P) of Section 12.

The above-described acreage conforms to an existing non-standard gas spacing and proration unit in the Basin-Dakota Pool approved under the authority of Division Order No. R-2948, issued in Case No. 3272 dated August 16, 1965.

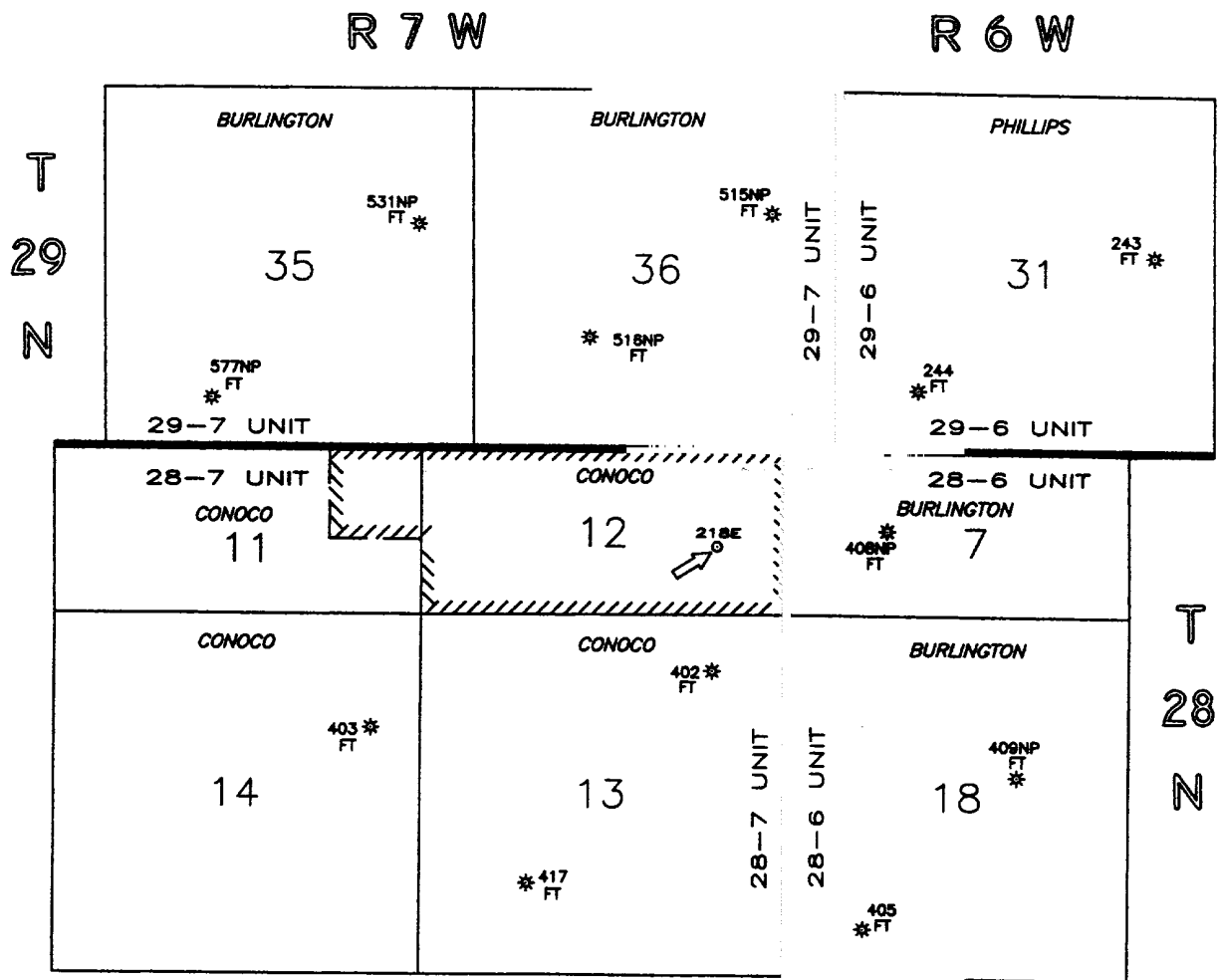
By the authority granted me under the provisions of Rules 6 and 8 of the "Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool", as promulgated by Division Order No. R-8768, as amended, the above-described unorthodox coal gas well location and non-standard gas spacing and proration unit are hereby approved.

Sincerely,

Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington



SAN JUAN 28-7 UNIT **RIO ARriba CO., NM**

NOTES		conoco EPNGNA MIDLAND DIVISION	
Conoco operates all wells in the 28-7 Unit. Conoco is requesting approval for an UNORTHODOX FRUITLAND COAL location in order to access coal reserves in the 218E wellbore (Proposed for 1999). Conoco plans to set 7" casing thru the Lewis and run 4 1/2" production casing to accommodate 2 large tubing strings. One string for a PCCF/FRLD DHC (to be filed), and one string for the DKOT. DKOT will be dually completed (to be filed) with the PCCF/FRLD.	DATE: 1/13/99	CONOCO 28-7 UNIT FRUITLAND COAL PRODUCERS San Juan 28-7 Unit # 218E Unorthodox Coal Location	
	DRAWN BY: GLG		
	CHECKED BY:		
	APPROVED BY:	STATE API COUNTY WELL	DRAWING
	SCALE: 1" = 2640'	30 \ 039 \	28-7_218
STATE PLANE COORDINATES REFERRED TO NAD27 - N.M. WEST STATE PLANE COORDINATES ZONE - 3003		CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705	

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 N/A		2 Pool Code 72439	3 Pool Name Blanco Pictured Cliffs South
4 Property Code N/A	5 Property Name San Juan 28-7 Unit		6 Well Number 218 E
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 6817'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	28N	7W		1030'	South	1025'	East	Rio Arriba

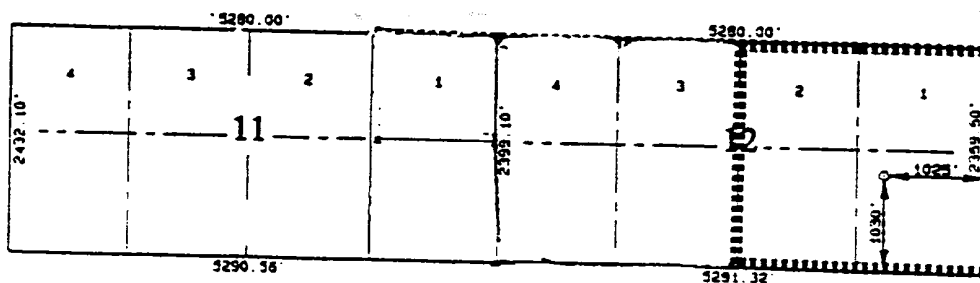
11 Bottom Hole Location If Different From Surface

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 195.0 160	13 Joint or Infill Y	14 Consolidation Code U	15 Order No.
------------------------------------	-------------------------	----------------------------	--------------

Non-Standard Spacing Order No. R-2948

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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Kay Maddox

Printed Name

Kay Maddox

Title

Regulatory Agent

Date

January 15, 1999

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

PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

District III
1000 Rio Grande 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, 1984
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		*Pool Code 71629/72439	*Pool Name Basin Fruitland Coal/Bianco PC-South
*Property Code 016608	*Property Name SAN JUAN 28-7 UNIT		*Well Number 218E
*OGRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6817'

10 Surface Location

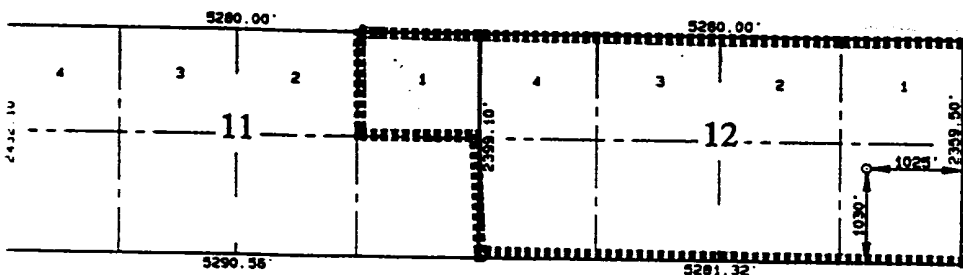
UL or lot no. P	Section 12	Township 28N	Range 7W	Lot 10n	Feet from the 1030	North/South line South	Feet from the 1025	East/West line East	County RIO ARriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres 321.22		*Joint or Infill Y		*Consolidation Code U		*Order No. Non-standard Spacing Order No. R-2946			

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.

Signature

Jo Ann Johnson

Printed Name

Sr. Property Analyst

Title

12-17-98

Date

18 SURVEYOR CERTIFICATION

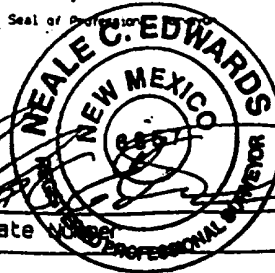
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 8, 1997

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number



District I
Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer 00, 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

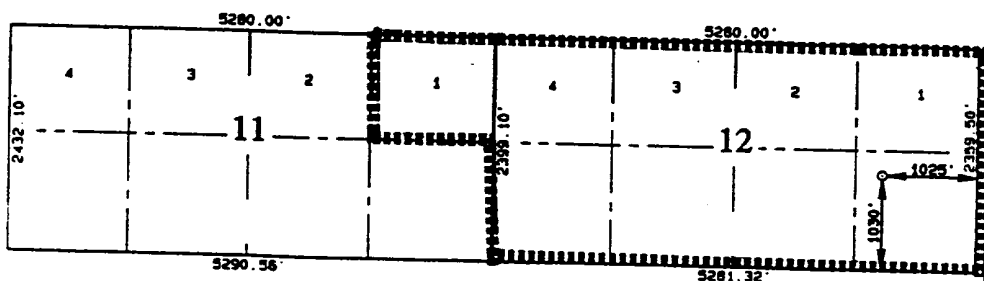
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		71599	Basin Dakota
Property Code	Property Name		Well Number
016608	SAN JUAN 28-7 UNIT		218E
OGRIID No.	Operator Name		Elevation
005073	CONOCO, INC.		6817'

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
P	12	28N	7W		1030	South	1025	East	RIO ARriba

11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Int'l		Consolidation Code		Order No.			
321.22		Y		U		Non-standard Spacing Order No. R-2946			

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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Jo Ann Johnson
Signature
Jo Ann Johnson
Printed Name
Sr. Property Analyst
Title
12-17-98
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.

NOVEMBER 8, 1997
Date of Survey
Signature and Seal of Professional Surveyor

Certificate No. 8857

ELL NAM **SJ 28-7 UNIT No. 218E**

EST. GL = 6817

CATION: **SEC 12, T-28N, R-7W, RIO ARRIBA CO., NM**

EST. KB = 6832

00 MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD. psi/ft	FORMATION PRESSURE PSI	MUD WT TYPE	DAYS
0				12-1/4"	9-5/8" 32.3# H-40 STC @ 250'		NORMAL	AIR/AIR MIST/AERATED FLUID	1
1				8-3/4"				AIR/AIR MIST/AERATED FLUID	
2									
3	OJAM @ 2718' KRLD @ 2864'	POSSIBLE WATERFLOW							
	FRLD @ 3212'	POSSIBLE GAS FLOW POSSIBLE LOST RETURNS					432 PSI		
	PCCF @ 3612'	POSSIBLE DIFFERENTIAL STICKING			CIRCULATE CEMENT TO SURFACE		360 PSI		
4	LEWS @ 3788'			8-3/4"	7" 20# J-55 STC @ 4136				4
5	CHRA @ 4571'			8-1/4"			400 PSI		
	CLFHMV @ 5257' MENF @ 5447'	PROBABLE LOST RETURNS IF FLUID IN HOLE				0.5	457 PSI		
6	PTLK @ 5797'	PROBABLE LOST RETURNS							
	MNCS @ 6287'	PROBABLE LOST RETURNS							
7	GLLP @ 7017'	PROBABLE LOST RETURNS							
8	GRHN @ 7758' GARS DKOT @ 7812' PAGU @ 7962'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE IN DEEP DAKOTA	CASED HOLE LOGS	8-1/4"	LINER: 4-1/2" 9.5# J/K-55 STC 3836'- 8099'	0.5	713 PSI	AIR/AIR MIST/AERATED FLUID	10
	T.D. @ 8086'				CEMENT TO TOP OF LINER @ 3836'		BHT = 175 deg F		
	NOTE: 8394 PERMIT TO-8394								

TE 11/24/98

EPARED:

Ricky Joyce/Ted Kelly
DRILLING ENGINEER

APPROVALS:

RES. ENGINEER

PROD. ENGINEER

GEOLOGIST
11/30/98 4:31 PM

DRILLING MGR.

San Juan 28-7 Unit Well # 218E
Section 12, T-28-N, R-7-W
1030 FSL & 1025' FEL
Rio Arriba County, NM

RE: Application C – 107A to Downhole Commingle the Basin Fruitland Coal
(71629) with the Blanco Pictured Cliffs South (72439),

Notification of Offset Operators:

Burlington Resources
PO Box 4289
Farmington, NM 87499

Phillips Petroleum
4001 Penbrook RM 400A
Odessa, TX 79762

The referenced application has been sent to the above listed parties.

The following Working Interest, Override and Royalty interest owners were notified by certified mail of this C-107A application on the 20th of May, 1999

George E Thompson II
PO Box 174
Round Top, TX 78954-0174

Pamela Gray Baldwin
Chase Bank of Texas
Agent & Attorney In Fact
Trust Minerals Section 1049334
PO Box 200336
Houston, TX 77216-0336

Margeret A Kearns Trust
James B Draper Trustee
F/B/O James B Draper
Apt #8D
77 S Birch Rd
Fort Lauderdale, FL 33316-1556

Sandra T Currie
12603 Radenz
Houston, TX 77066-3418

John E Creps Jr & Virginia Creps Co Trustees
Creps Family Trust DTD 12-05-91
Apt D303
1001 Carpenters Way
Lakeland, FL 33809-3931

Fred Eldon Spencer
10717 Crystal Creek Dr.
Mustang, OK 73064-9382

P Louis Tucker Jr
PO Box 2822
Houston, TX 77252-2822

Gloria M Kubik
RR 2 Box 111
Medford, OK 73759-9508

Stella Madge Greear
14209 Valley Forge Ln
Edmond, OK 73013-6412

Martha M Tucker
#803 21 Briar Hollow
Houston, TX 77027-2808

Douglas E Atwill
602 Canyon RD
Sante Fe NM 87501-2722

Mitzi H Easley
3900 Dominion Cove
Austin, TX 78759-7300

Rebecca Ann Reese Ward
#5011 280 W Renner
Richardson, TX 75080-1362

Richard A Jennings Trustee
PO Box 3759
Midland, TX 79702-3759

Davant Family Trust C
U/A Dated 11-19-1986
NationsBank of TX NA Trust
Acct No. 30011053442647

James H Atwill
PO Box 1810
Port Aransas, TX 78373-1810

James R Leeton Jr.
PO Box 10561
Midland, TX 79702-7561

Gladys Watford Trust
Gladys Watford Trustee
Apt 216
5455 La Sierra Dr
Dallas, TX 75231-4145

Robert Beamon Account
First National Bank of Bellville
PO Box 128
Bellville, TX 77418-0128

Betsy Hendersen Bryant
2201 Brookhollow Dr
Abilene, TX 79605-5507

David Elbert Reese
2203 N Belmont
Richmond, TX 77469-5501

Harriet M Buchenau Living Trust
Harriet M Buchenau Trustee
PO Box 86785
Plano, TX 75086-7585

The Nordan Trust
Louis Belinsky Trustees
STE 500
112 Pecan
San Antonio, TX 78205-1516

Susan Hendersen Ritter
PO Box 162606
Austin, TX 78716-2606

Barbara Reese Dinges
6510 Shadow Crest St
Houston, TX 77074-6818

Linda Lundell Lindsey
PO Box 631565
Nacogdoches, TX 75963-1565

Nancy J Spencer
726 N Tanglewood Dr
Sutherlin, OR 97479-9015

Lorene Raybourn Smith Tr
Claude W Raybourn & Jesse S Raybourn Co-
Trustees
207 Wilshire Ln
Newark, DE 19711-2757

Edward R Atwill
PO Box 1551
Tubac, AZ 85646-1551

Harry D Porter Trust
Nations Bank of Texas Trustee # 15-020-
8401500
C/O Trust Oil & Gas
PO Box 840738
Dallas, TX 75284-0738

Carolee Simmons Smith
5717 Jacqueline Rd
Fort Worth, TX 76112-3952

Helen Louise Simmons
2429 Wabash Ave
Fort Worth, TX 76109-1018

June Simmons Lively
3529 Bellaire Dr. N
Fort Worth, TX 76109-2110

Mary Jean Simmons Banks
2104 Winter Sunday Way
Arlington, TX 76012-4941

Thelma Ford Simmons
Trust NationsBank Texas
C/O DJ Simmons Company
PO Box 1469
Farmington, NM 87499-1469

Burlington Resources
Attn: Linda Dean
3535 East 30h Street
Farmington, NM 87499-4289

W R Archer
U/W/O Eleanor M Archer
Trustee
3615 Piping Rock LN
Houston, TX 77027-4116

Elizabeth Goodwin Reese
7800 Nairn
Houston, TX 77074-5321

W L Jennings
San Juan Royalty JV – 90
Billy G Edwards
PO Box 117
Abilene, TX 79604-0117

Florance Limited Company
C/O Northern Trust Bank of Texas
PO Box 226270
Dallas, TX 75222-6270

Waters S Davis III
Chase Bank of Texas
#1049308
PO Box 200336
Houston, TX 77216-0336

Sally Ann Mahafey
PO Box 171051
San Antonio TX 78217-8051

Neal S Waterfall
14438 NE 16th PL
Bellevue WA 98007-3904

Mary Anne Howard & Robert Howard
Joint Tenants
438 Fox Briar
SugarLand TX 77478-3717

Betty R Hicks
#247
18070 Langlois Rd
Desert Hot Springs Ca 92241-8332

Elizabeth Turner Calloway
4801 St Johns Dr
Dallas, TX 75205-3143

James Wendell West
PO Box 492382
Los Angeles CA 90049-8382

Ashley Bracken
PO Box 7550
Tyler, TX 75711-7550

Edward Winterer & Jacqueline M Winterer
Revocable Trust #1
DTD 12-4-91
289 Oceanview Ave
Del Mar CA 92014-3321

L Doris Williams Estate
William P Traylor & John G Heard Co-Indpt
Executors
PO Box 8306
Houston, TX 77288-8306

Cynthia Gray Milani
Chase Bank of Texas
Agent & Attorney in Fact Trust Minerals
Section 1049333
PO Box 200336
Houston, TX 77216-0336

L J & R R Money 1990 Trust
Dated 10-9-90
Lloyd J & Ruth Money Trust
904 21st Street
Hermosa Beach, CA 90254-3105

Claudia Lundell Gilmer
30 Golden Pl
The Woodlands, TX 77381-4334

W D Kennedy
STE 1225
550 W Texas
Midland, TX 79701-4257

Jeremy S Davis
7539 Brompton ST
Houston, TX 77025-2267

David H Gray
Chase Bank of Texas
Agent & Attorney in Fact
Trust Minerals Section 1049309
PO Box 200336
Houston, TX 77316-0336

E Hunter Stone II
Trust E Hunter Stone
Trustee
PO Box 61419
Denver, CO 80206-8419

Catherine Gray Remenick
Chase Bank of Texas
Agent & Attorney in Fact
Trust Minerals Section 1049335
PO Box 200336
Houston, TX 77216-0336

Winterwider Family
Rev Trust
Roy Fulwider & Joan Winterer Trustees
600 N 6th ST
Santa Paula, CA 93060-1605

Margaret A Kearns Trust
U/A F/B/O Helene D
Gorman Helene D Gorman Trustee
1440 Osprey Ave
Naples FL 34102-3464

Wesley West Minerals LTD
C/O Frost Natl BK
Lock Box Dept
PO Box 1141
Houston, TX 77251-1141

Joanne Thompson Rugeley
3813 Tolmas
Matairie, LA 70002-1846

Robert Walter Lundell
2450 Fondren #304
Houston, TX 77063-2316

M Robert Thompson Revocable Trust
M Robert Thompson & Jeanne L Thompson
Trustees
316 Dahlia St
Denver, CO 80220-5714

John L Gray
Chase Bank of Texas Agent & Attorney in Fact
Trust Minerals Section 1049310
PO Box 200336
Houston, TX 77216-0336

David Henderson
2691 Capella Way
Thousand Oaks, CA 91362-4954

Susan Fry Bracken
PO Box 7550
Tyler, TX 75711-7550

Fred E Turner
4925 Greenville #852
Dallas, TX 75206-4016

J Glenn Turner Jr
3131 Turtle Creek Blvd #1201
Dallas, TX 75219-5441

John L Turner
PO Box 33610
Kerrville, TX 78029-3610

Lilly L Newkirk
218 W Hillcrest Ave
Indianola, IA 5012-3708

Betty West Stedman
Attn: LB Dept
PO Box 1349
Houston, TX 77251-1349

Storey Lincoln Partnership
21011 Marine View Dr SW
Seattle, WA 98166-4245

Sarah S Mims Trust
William L Madison & Sarah S Mims Co-Trust
PO Box 111846
Carrollton, TX 75011-1846

Grover Bros Ltd Partnership
San Juan Royalty JV-90
PO Box 3666
Midland, TX 79702-3666

Pearl Neugent Nordan Est
Marian Nordan Harwell
Foreign Pers Rep
STE 500
112 E Pecan
San Antonio, TX 78205-1516

Jane M Thompson Trust
Unit One
653 Canyon Rd
Sante Fe, NM 87501-2762

Grover Family L P
San Juan Royalty JV-90
PO Box 3666
Midland, TX 79702-3666

Bradford Tucker
#3 301 Sage Rd
Houston, TX 77056-1421

DISTRICT I

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

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**P.O. Box 2088
Santa Fe, New Mexico 87504-2088**RECEIVED**
MAY 24 1999Form C-107
Revised 4-1-91Filing Instructions
Bottom of Page**APPLICATION FOR MULTIPLE COMPLETION****OIL CON. DIV.**
DIST. 3

Operator	Address		
Conoco, Inc	10 Desta Drive, STE 100W Midland, TX 79705-4500		
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge	County
San Juan 28-7 Unit	218E	Section 12, T-28-N, R-7-W, P	Rio Arriba

All applicants for multiple completion must complete ~~Items 1 and 2 below~~ **Both Zones**

1. The following facts are submitted:	Both Zones		
	Upper Zone	Down Hole Zone	Intermediate Zone
a. Name of Pool and Formation	Basin Fruitland Coal 71629	Blanco Pictured Cliffs 72439	Basin Dakota 71599a
b. Top and Bottom of Pay Section (Perforations)	3212-3612'	3612-3786'	7858-8099'
c. Type of production (Oil or Gas)	Gas	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Expected to Flow	Expected to Flow	Expected to Flow
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	150-250 MCFD	200-300 MCFD	600 MCFD & 1 BOPD

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature

Kay Maddox

Printed Name & Title Kay Maddox-Regulatory Agent

Date May 19, 1999 Telephone (915) 686-5798

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY ERNIE BUSCH

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date:

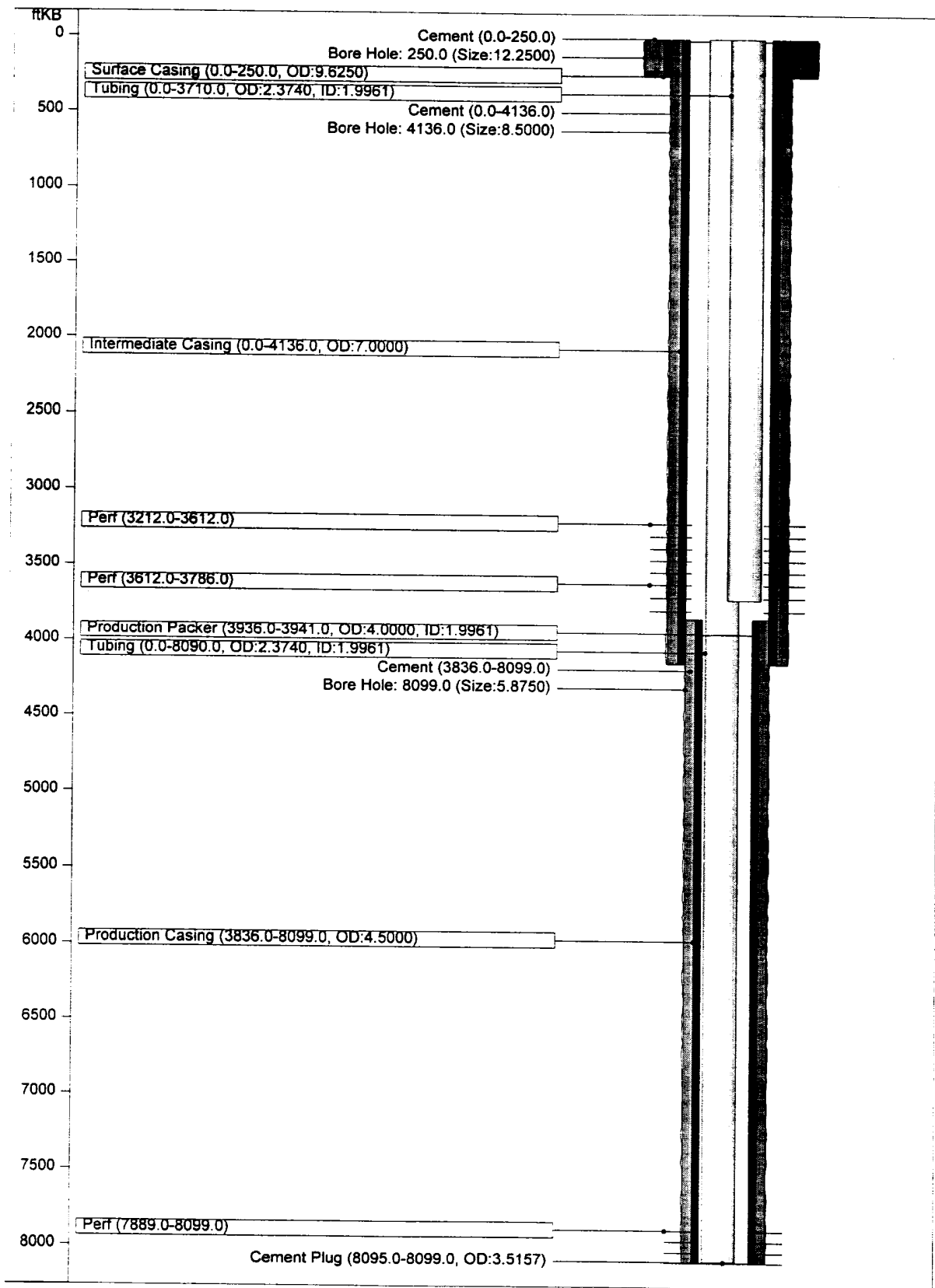
MAY 27 1999

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

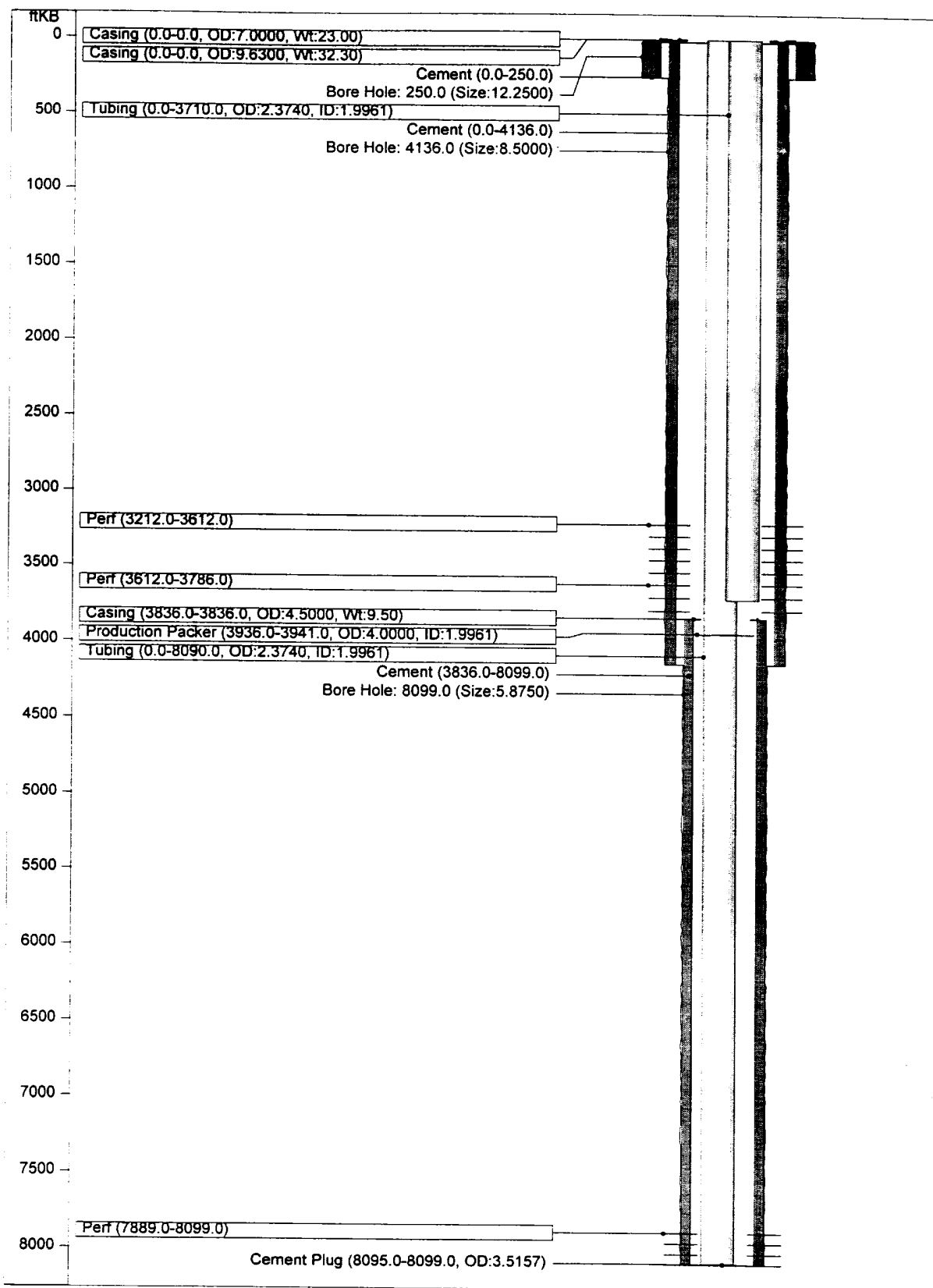
FILING INSTRUCTIONS:

- District Approval** - See rule 112-A-B - Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval** - See Rule 112-C - Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval** may be set for hearing as outlined in Rule 112-A-E.

SAN JUAN 28-7 UNIT 218E PROPOSED DRW



SAN JUAN 28-7 UNIT 218E PROPOSED DRW



SAN JUAN 28-7 UNIT 218E PROPOSED DRW

SAN JUAN 28-7 UNIT 218E PROPOSED DRW

API Code	TO BE ASSIGNED	Field Code	
TD	8099.0 ftKB	Basin	SAN JUAN
PBTD	8095.0 ftKB	Basin Code	
State	NEW MEXICO	Permit	
County	RIO ARRIBA	Spud	
District		Finish Dri	
Permit No.		Completion	
TD Measured	8099	Abandon	
Reservoir	FC/PC & DK		
Field			

Event History

Date	Event	Description
15-May-99	Perf	7889.0 - 8099.0ftKB, 0.0/ft
14-May-99	Perf	3612.0 - 3786.0ftKB, 0.0/ft
13-May-99	Perf	3212.0 - 3612.0ftKB, 0.0/ft
12-May-99	Other Run	Cement Plug, 8095.0 - 8099.0ftKB, OD: 3.5157in
12-May-99	Cas Run	4.5000 in Production Casing, ID: 0.0000in
12-May-99	Cas Run	7.0000 in Intermediate Casing, ID: 0.0000in
12-May-99	Cas Run	9.6250 in Surface Casing, ID: 0.0000in

Events Without Dates

Event	Description
Bore Hole	12.2500in, Depth 250.0ftKB, 8.5000in, Depth 4136.0ftKB, 5.8750in, Depth 8099.0ftKB
Cas Cmnt	Intermediate Casing, Top Found At 0.0ftKB, With 0sx, Surface Casing, Top Found At 0.0ftKB, With 0sx, Production Casing, Top Found At 3836.0ftKB, With 0sx
Tub Run	2.3740 in Tubing, ID: 1.9961in, 4.0000 in Production Packer, ID: 1.9961in, 2.3740 in Tubing, ID: 1.9961in

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 N/A	2 Pool Code 72439	3 Pool Name Blanco Pictured Cliffs South
4 Property Code N/A	5 Property Name San Juan 28-7 Unit	6 Well Number 218 E
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 6817'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	28N	7W		1030'	South	1025'	East	Rio Arriba

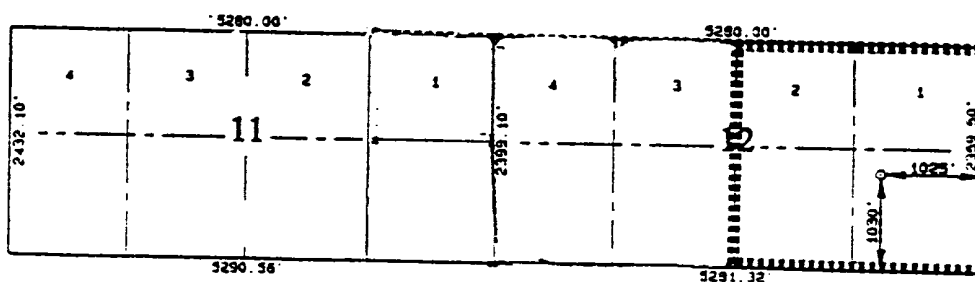
11 Bottom Hole Location If Different From Surface

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 145.6 160	13 Joint or Infill Y	14 Consolidation Code U	15 Order No.
------------------------------------	-------------------------	----------------------------	--------------

Non-Standard Spacing Order No. R-2948

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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Kay Maddox

Printed Name

Kay Maddox

Title

Regulatory Agent

Date

January 15, 1999

Date

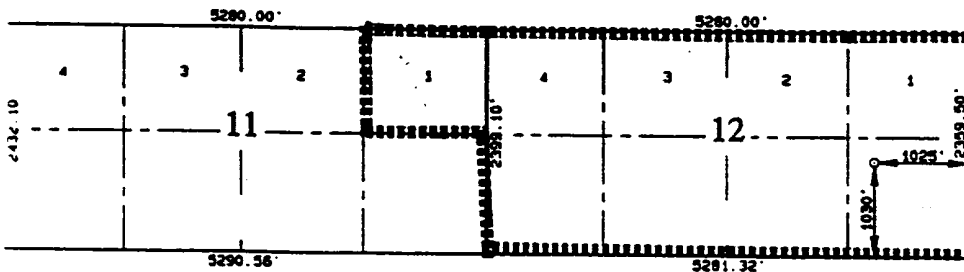
18 SURVEYOR CERTIFICATION

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



District I
Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer 00, Artesia, NM 88211-0719
District III
1000 Rio Grande 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, 1984
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		Pool Code 71599	Pool Name Basin Dakota
Property Code 016608	Property Name SAN JUAN 28-7 UNIT		Well Number 218E
GRID No. 005073	Operator Name CONOCO, INC.		Elevation 6817'

10 Surface Location

UL or lot no. P	Section 12	Township 28N	Range 7W	Lot 10	Feet from the 1030	North/South line South	Feet from the 1025	East/West line East	County RIO ARriba
--------------------	---------------	-----------------	-------------	--------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 321.22		Joint or Drilling Y	Consolidation Code U	Order No. Non-standard Spacing Order No. R-2946					

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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Jo Ann Johnson
Signature
Jo Ann Johnson
Printed Name
Sr. Property Analyst
Title
12-17-98
Date

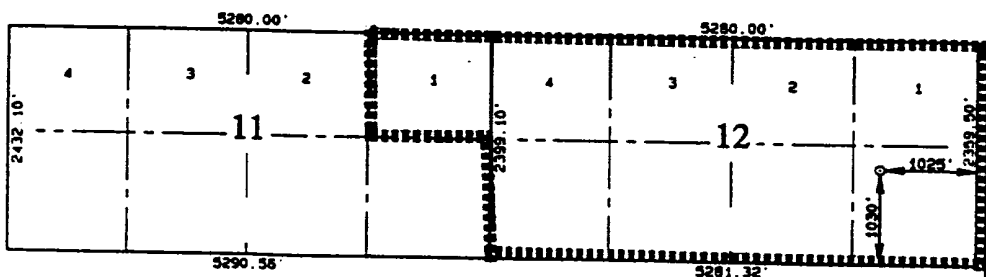
18 SURVEYOR CERTIFICATION

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.

NOVEMBER 8, 1997
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
Professional Surveyor
Certificate No. 1000



San Juan 28-7 Unit Well # 218E
Section 12, T-28-N, R-7-W
1030 FSL & 1025' FEL
Rio Arriba County, NM

RE: Application C – 107 to Dual produce the Basin Fruitland Coal
(71629) and the Blanco Pictured Cliffs South (72439) with Basin Dakota (71599)

Notification of Offset Operators:

Burlington Resources
PO Box 4289
Farmington, NM 87499

Phillips Petroleum
4001 Penbrook RM 400A
Odessa, TX 79762

The referenced application has been sent to the above listed parties.

36

31

T-29-N
R-7-W

SAN JUAN 28-7 UNIT 218
SAN JUAN 28-7 UNIT 108

SAN JUAN 28-7 UNIT 204

SAN JUAN 28-7 UNIT 208

SAN JUAN 28-7 UNIT 204

SAN JUAN 28-4 UNIT 108
SAN JUAN 28-4 UNIT 101
SAN JUAN 28-4 UNIT 102

SAN JUAN 28-4 UNIT 204

SAN JUAN 28-7 UNIT 204

12

SAN JUAN 28-7 UNIT 204

SAN JUAN 28-7 UNIT 218

SAN JUAN 28-7 UNIT 208

SAN JUAN 28-7 UNIT 218E

SAN JUAN 28-7 UNIT

SAN JUAN 28-7 UNIT

SAN JUAN 28-7 UNIT 208
SAN JUAN 28-7 UNIT 201
SAN JUAN 28-7 UNIT 202

SAN JUAN 28-7 UNIT 204

SAN JUAN 28-7 UNIT 204
SAN JUAN 28-7 UNIT 208
T UNIT 208E

T-28-N
R-7-W

13

SAN JUAN 28-7 UNIT 108
SAN JUAN 28-7 UNIT 117

SAN JUAN 28-7 UNIT 208

SAN JUAN 28-7 UNIT 204

SAN JUAN 28-7 UNIT 104E

SAN JUAN 28-4 UNIT 2

SAN JUAN 28-4 UNIT 204

SAN JUAN 28-4 UNIT 212

SAN JUAN 28-4 UNIT 202

18

SAN JUAN 28-4 UNIT 204

SAN JUAN 28-4 UNIT 208

SAN JUAN 28-4 UNIT 208
SAN JUAN 28-4 UNIT 108

SAN JUAN 28-4 UNIT 104

7

SAN JUAN 28-4 UNIT 208

SAN JUAN 28-4 UNIT 108

SAN JUAN 28-4 UNIT 104

SAN JUAN 28-4 UNIT 414

SAN JUAN 28-4 UNIT 104

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-107
Revised 4-1-91

RECEIVED
JUN - 1 1999

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

OIL CON. DIV.
PAGE 3

Operator		Address	
Conoco, Inc		10 Desta Drive, STE 100W Midland, TX 79705-4500	
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge	County
San Juan 28-7 Unit	218E	Section 12, T-28-N, R-7-W, P	Rio Arriba
All applicants for multiple completion must complete items 1 and 2 below.			
1. The following facts are submitted:	Both Zones Upper Zone Down Hole Zone Commingled		
a. Name of Pool and Formation	Basin Fruitland Coal 71629	Blanco Pictured Cliffs 72439	Basin Dakota 71599
b. Top and Bottom of Pay Section (Perforations)	3212-3612'	3612-3786'	7858-8099'
c. Type of production (Oil or Gas)	Gas	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Expected to Flow	Expected to Flow	Expected to Flow
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	150-250 MCFD	200-300 MCFD	600 MCFD & 1 BOPD

2. The following must be attached:
- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
 - Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
 - Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature

Kay Maddox

Printed Name & Title Kay Maddox - Regulatory Agent

Date May 19, 1999 Telephone (915) 686-5798

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY ERNIE BUSCH

Approved by:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Title:

Date: JUN 1 1999

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- 1) District Approval - See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- 2) Division Director Administrative Approval - See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- 3) Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

SAN JUAN 28-7 UNIT 218E PROPOSED DRW

