

DISTRICT II

811 South First St. Artesia NM 88210 2835

DISTRICT III

10011 Rio Brazos Rd. Aztec NM 87410 1693

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

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

35

Section 1, T-27-N, R-7-W, L

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.

30-039-07178

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 South 72439
2. TOP and Bottom of Pay Section (Perforations)	2680-2792'		2800-2866'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	To Flow		To Flow
5. Bottomhole Pressure	a (Current)	a	a
Oil Zones - Artificial Lift: Estimated Current	432		360
Gas & Oil - Flowing Measured Current	b (Original)	b	b
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 Yes		Expected Yes
• f Shut-in give date and oil/gas/water rates of first production	Date Rates	Date Rates	Date Rates
Note: For new zones with no production history, applicant should be required to attach production estimates and supporting data.			
• f Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates Est Rates 150-250 MCFD Allocation by test upon completion	Date Rates	Date Rates Est Rates 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? ☒ 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 ☐ No11. 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) 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 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

February 23, 1999

TYPE OR PRINT NAME

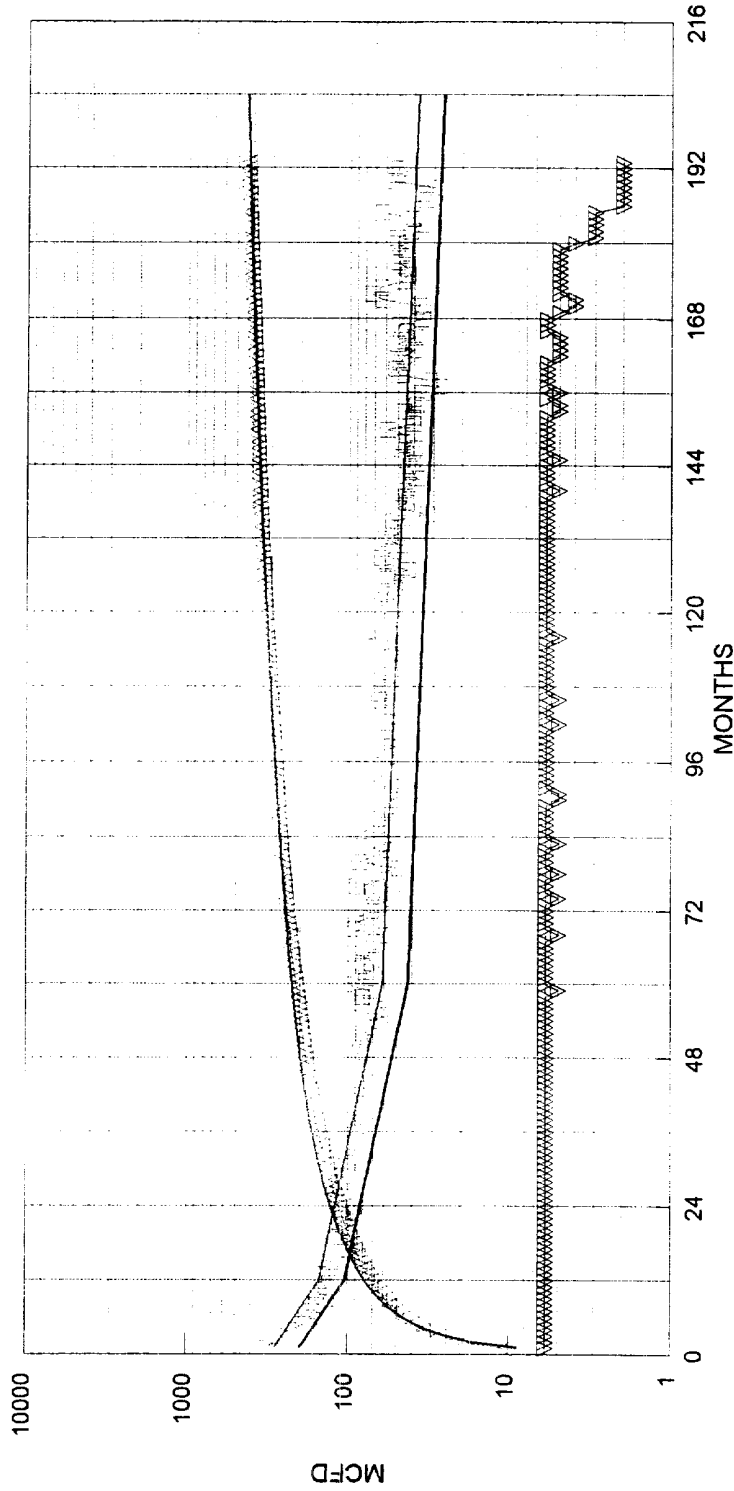
Kay Maddox

TELEPHONE NO.

(915)

686-5798

NORMALIZED PICTURED CLIFFS PRODUCTION
PROD. SINCE 1974; 6 PC WELLS LOCATED IN 28N-7W



NORMALIZED AVG:

684 MMCF EUR
642 MMCF IN 40 YRS
10 MCFD E.L.
0.0001 bbl/mcf oil yield

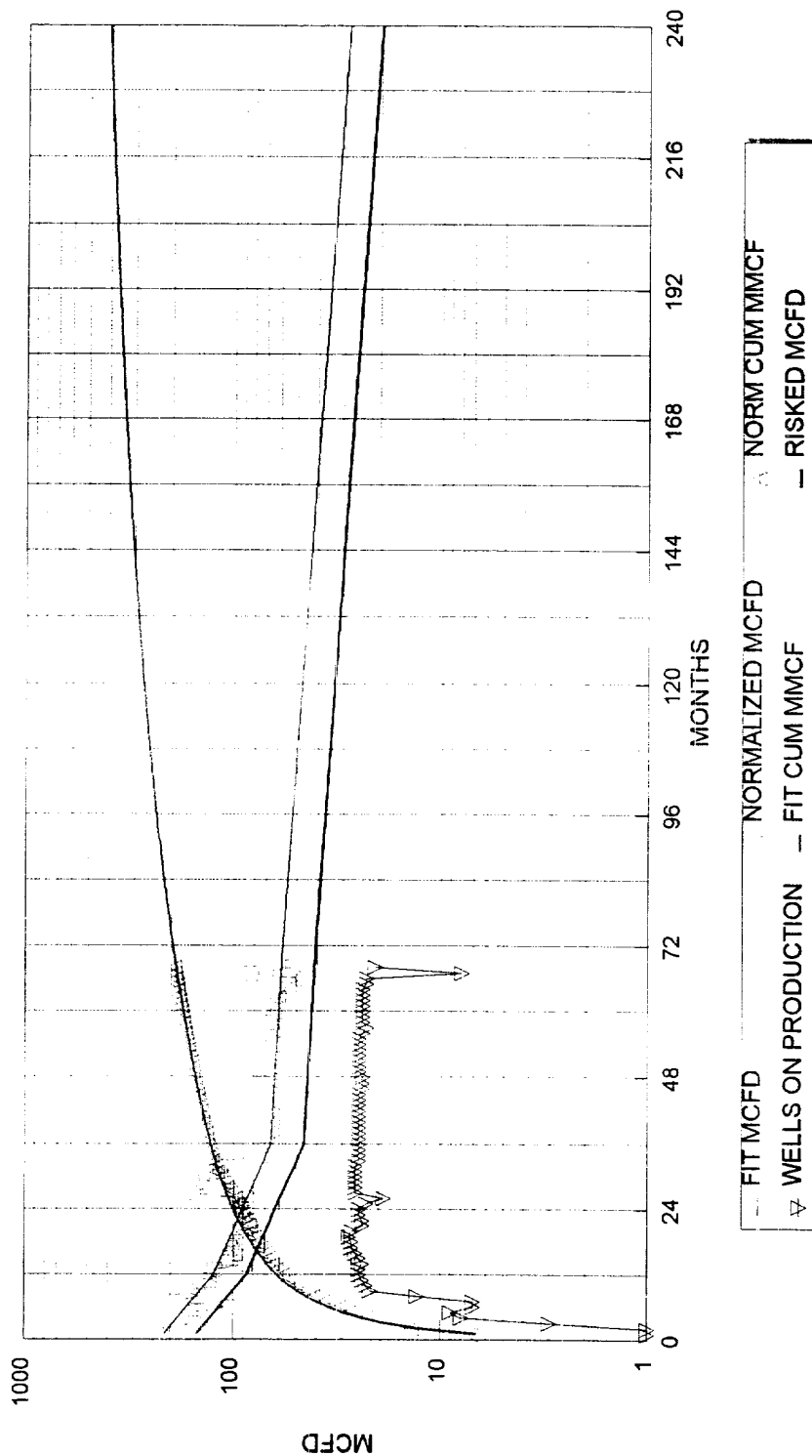
300 MCFD IP
50% DECLINE, 1ST 12 MONTHS
20% DECLINE, NEXT 48 MONTHS
4% FINAL DECLINE

RISKED AVG:

452 MMCF EUR
432 MMCF IN 36 YRS
10 MCFD E.L.
0.0001 bbl/mcf oil yield

210 MCFD IP
50.0% DECLINE, 1ST 12 MONTHS
20.0% DECLINE, NEXT 48 MONTHS
4.0% FINAL DECLINE

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



NORMALIZED AVG:		RISKED AVG:	
540 MMCF EUR	225 MCFD IP	357 MMCF EUR	158 MCFD IP
539 MMCF IN 40 YRS	45.0% DECLINE, 1ST 12 MONTHS	354 MMCF IN 33 YRS	45.0% DECLINE, 1ST 12 MONTHS
10 MCFD E.L.	27.0% DECLINE, NEXT 24 MONTHS	10 MCFD E.L.	27.0% DECLINE, NEXT 24 MONTHS
0.0000 bbl/mcf oil yield	5.0% FINAL DECLINE	0.0000 bbl/mcf oil yield	5.0% FINAL DECLINE

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 30-039-07178	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 #35
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 6169'

10 Surface Location

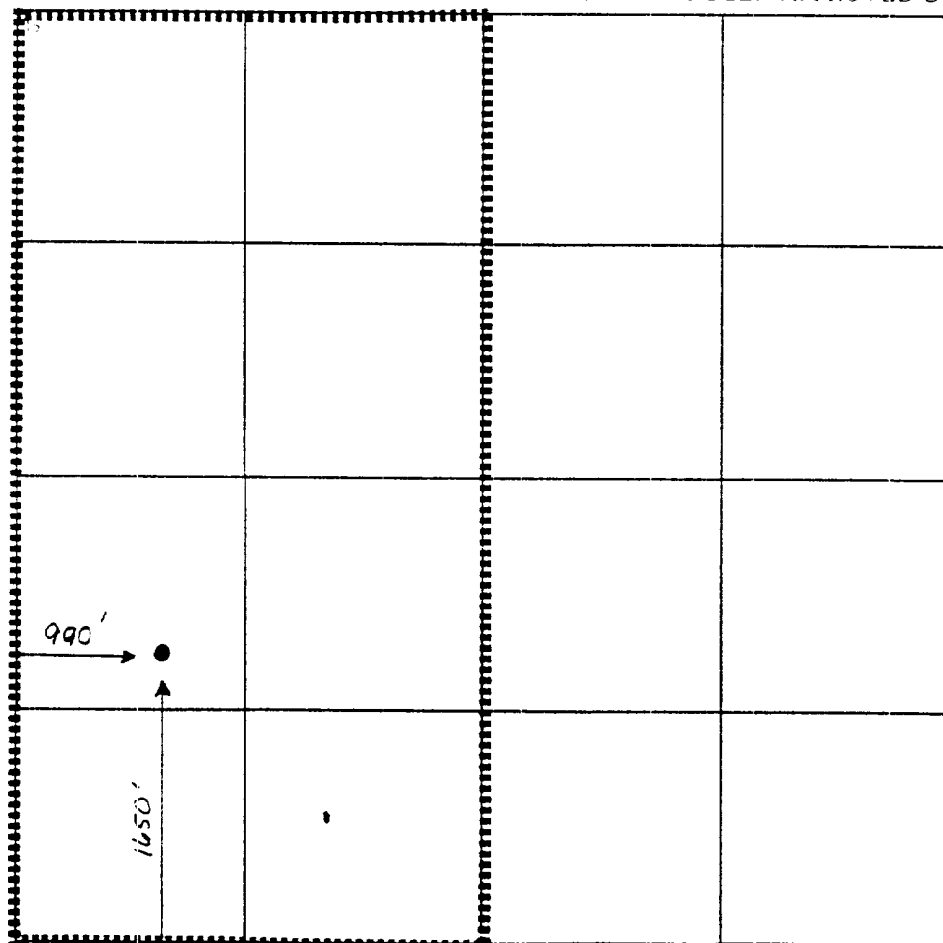
UL or lat no. L	Section 1	Township 27N	Range 7W	Lot Idn	Feet from the 1650	North/South line South	Feet from the 990	East/West line West	County Rio Arriba
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11 Bottom Hole Location If Different From Surface

UL or lat no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 319.80	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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.

Kay Maddox
Signature

Kay Maddox

Printed Name

Regulatory Agent

Title

February 23, 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
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 2083, 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

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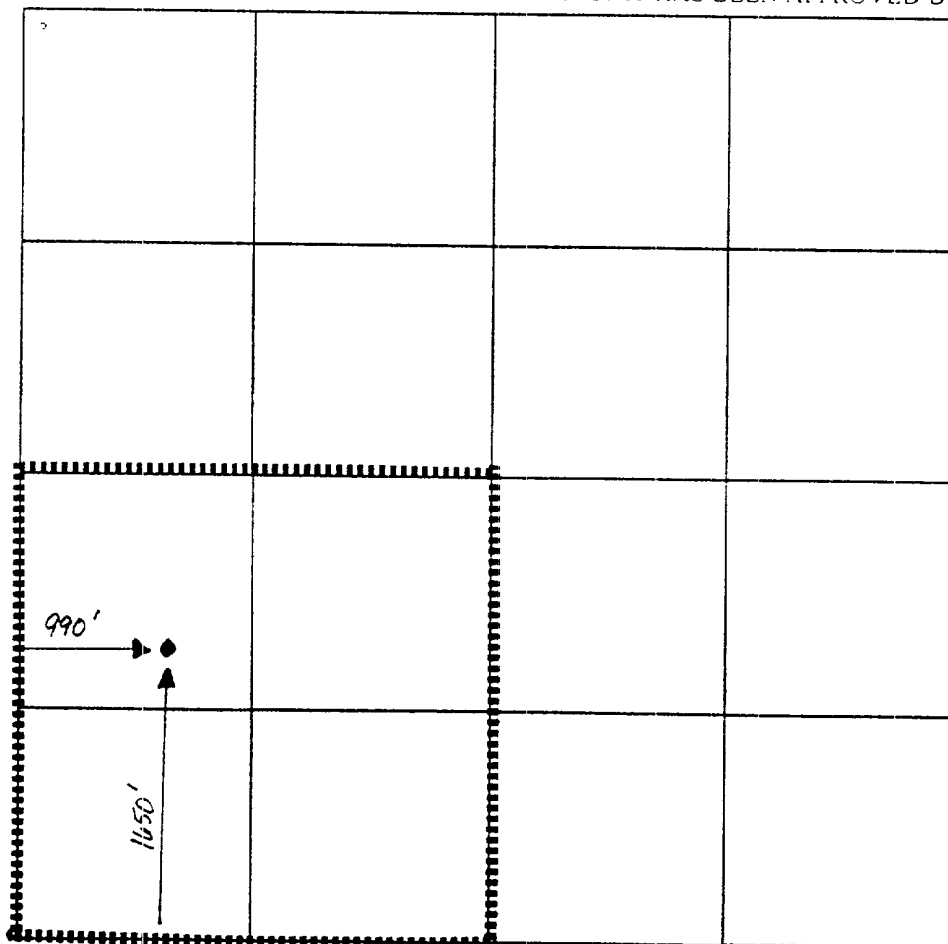
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Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

San Juan 28-7 Unit Well # 35

Notification of Offset Operator:

This well is located interior to the San Juan 28-7 unit of which Conoco, Inc is the sole operator. No offset operator notification is required.