

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMSF079321A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
NMNM78413A

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
SJ 28-7 35A2. Name of Operator
CONOCO INCContact: DEBORAH MARBERRY
E-Mail: deborah.g.marberr@conoco.com9. API Well No.
30-039-23984-00-S13a. Address
PO BOX 2197, DU 3084
HOUSTON, TX 77252-21973b. Phone No. (include area code)
Ph: 832.486.2326
Fx: 832.486.271710. Field and Pool, or Exploratory
FRUITLAND COAL/SOUTH PC/ MV

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 1 T27N R7W NENW 1130FNL 1450FWL
36.60692 N Lat, 107.52840 W Lon

11. County or Parish, and State

RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco proposes to downhole trimingle this well in the Basin Fruitland Coal, Blanco PC South and Blanco Mesaverde according to the attached procedure.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #15779 verified by the BLM Well Information System

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Matthew Halbert on 12/05/2002 (03MXH0248SE)

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 11/05/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jim Lovato

Title

DEC 3 1 2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

AMOCO

District I
1625 N. French Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well

☒ Established Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

CONOCO, INC.

P.O. BOX 2197 WL3 3044 HOUSTON TX 77252

Operator

Address

SAN JUAN 28-7 UNIT

35A

C SEC1 T27N R7W

RIO ARRIBA

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 005073 Property Code 016608 API No. 30-039-23984 Lease Type ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL	SOUTH BLANCO P.C.	BLANCO MESAVERDE
Pool Code	71629	72349	72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2634' - 2757'	2765' - 2812'	4446' - 5216'
Method of Production (Flowing of Artificial Lift)	EXPECTED TO FLOW	EXPECTED TO FLOW	FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	470	380	280
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-in or New Zone	NEW ZONE	NEW ZONE	PRODUCING
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.)	Date: Rates: ATTACHED	Date: Rates: ATTACHED	Date: Rates: ATTACHED
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % % Test	Oil Gas % % Test	Oil Gas % % Sub-attached

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingling zones?
If not, have all working royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☒
Yes ☐ No ☒

Are all produced fluids from all commingling zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: R-11363 R-10476B

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, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

Pre-Approved Pools

If application is to establish Pre-Approved Pools, the following additional information will be required:

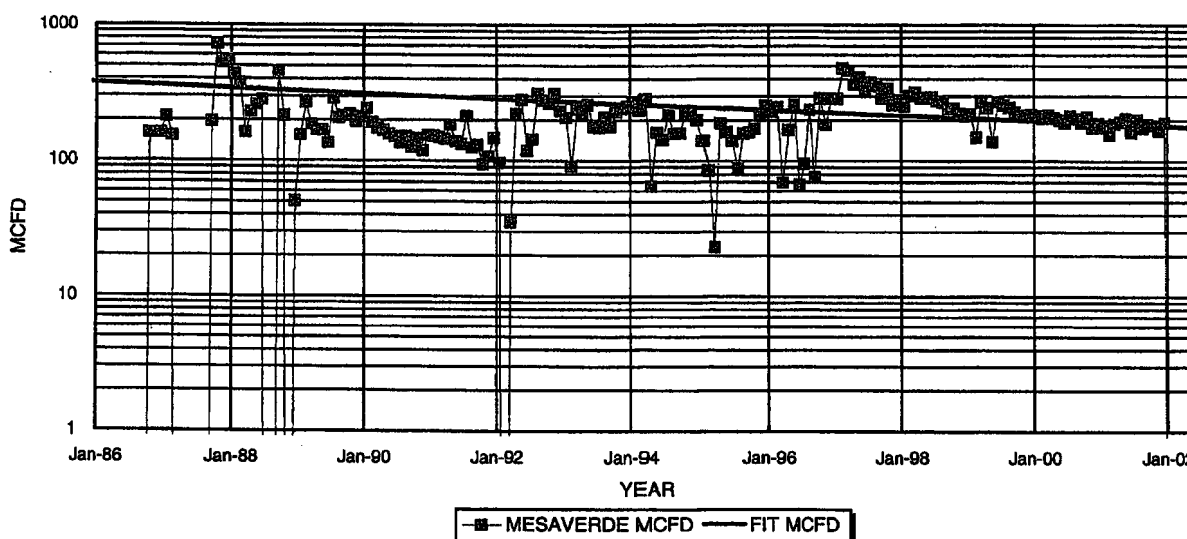
- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 10/24/2002

TYPE OR PRINT NAME DEBORAH MARBERRY TELEPHONE NO. (832)486-2326

**SAN JUAN 28-7 UNIT #35A MESAVERDE PRODUCTION
SECTION 1-27N-07W, RIO ARRIBA, NEW MEXICO**



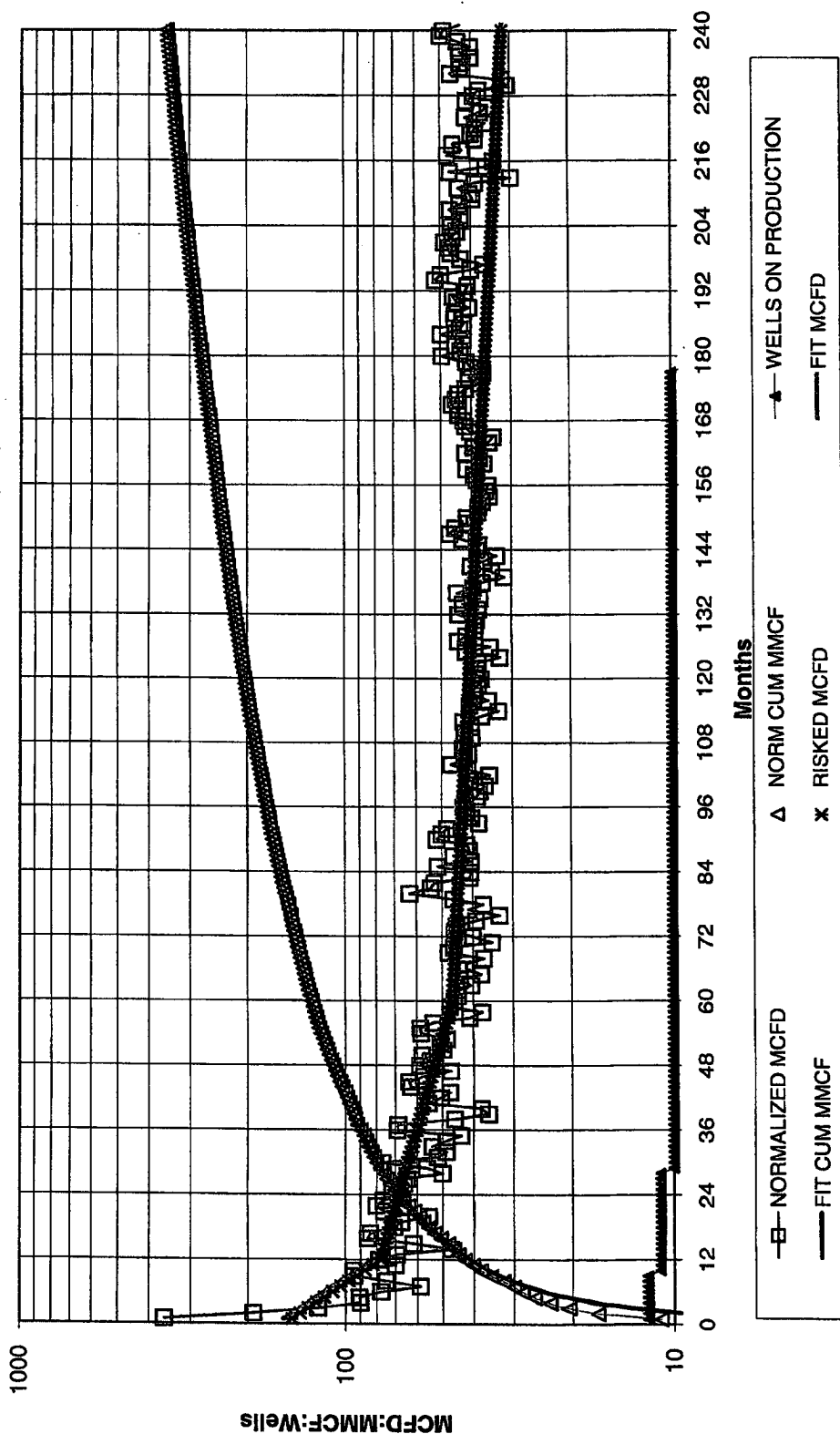
MESAVERDE PRODUCTION		1ST PROD: 10/86	MESAVERDE PROJECTED DATA	
OIL CUM:	4.81	MBO	Jan '02 Qi:	182 MCFD
GAS CUM:	1146.2	MMCF	DECLINE RATE:	4.5% (EXPONENTIAL)
OIL YIELD:	4.20	BBL/MMCF	API #30-039-23984	

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

NOTE: Current decline rate is approximately 4.5%/year. This rate is expected to continue for the duration of the well based on production trends observed during the life of this well.
Production data from PEEP.

YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPD
2002	178	0.7
2003	170	0.7
2004	162	0.7
2005	155	0.7
2006	148	0.6
2007	141	0.6
2008	135	0.6
2009	129	0.5
2010	123	0.5
2011	118	0.5
2012	112	0.5
2013	107	0.5
2014	103	0.4
2015	98	0.4
2016	94	0.4
2017	89	0.4
2018	85	0.4
2019	82	0.3
2020	78	0.3
2021	74	0.3
2022	71	0.3
2023	68	0.3
2024	65	0.3
2025	62	0.3
2026	59	0.2
2027	57	0.2
2028	54	0.2
2029	52	0.2
2030	49	0.2
2031	47	0.2
2032	45	0.2

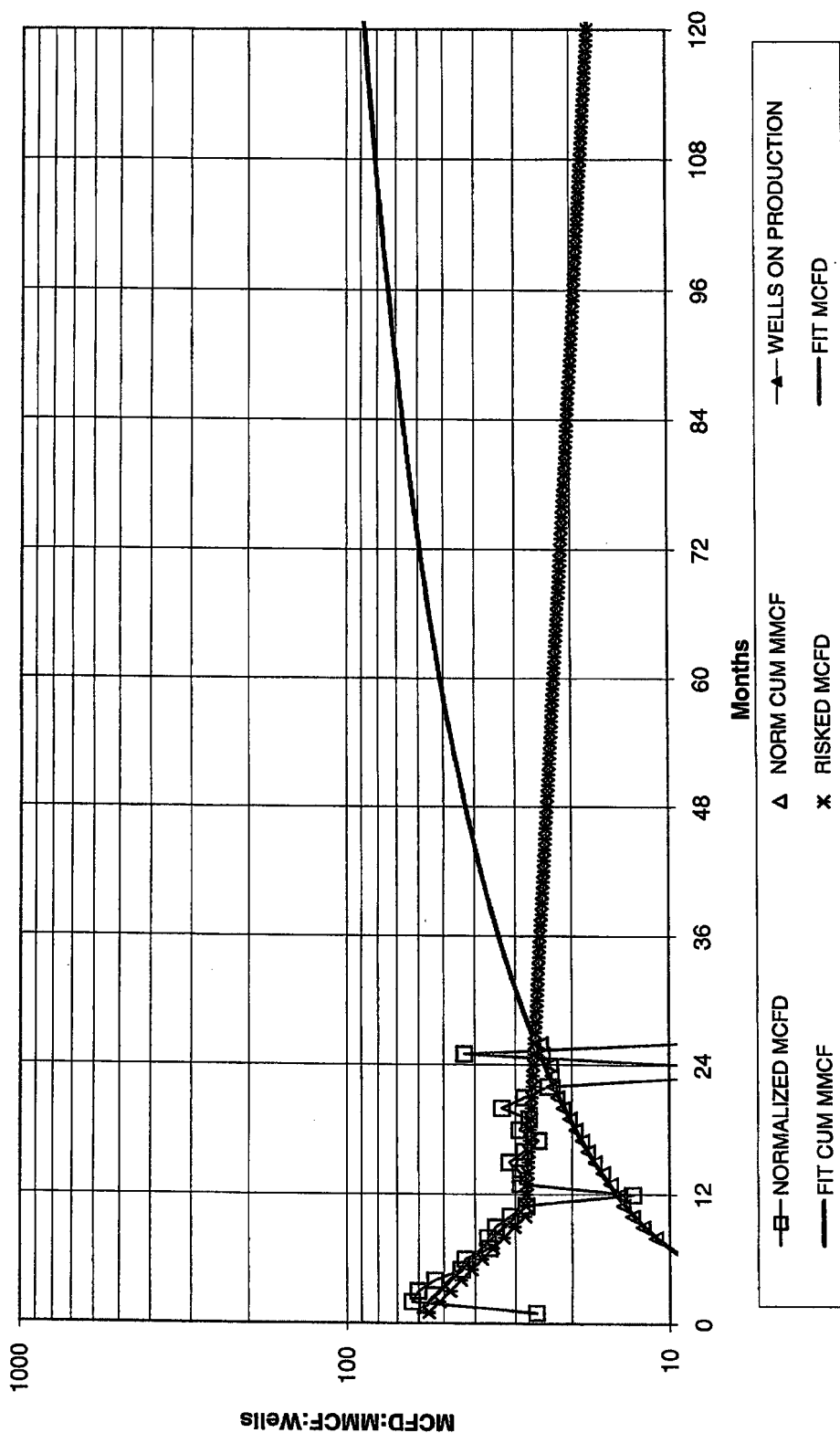
NORMALIZED PICTURED CLIFFS PRODUCTION WELLS LOCATED IN 28-7 SECTIONS 15, 22, 27, 33, 34, 35 AND 36



<p>NORMALIZED AVG:</p> <p>655 MMCF EUR</p> <p>342 MMCF IN 20 YRS</p> <p>523 MMCF IN 40 YRS</p> <p>10 MCFD E.L.</p> <p>0.0000 bbl/mcf oil yield</p>	<p>155 MCFD IP</p> <p>50.0% DECLINE, 1ST 12 MONTHS</p> <p>12.0% DECLINE, NEXT 48 MONTHS</p> <p>2.5% FINAL DECLINE</p>
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Wells 28-7 1, 7, 10, 52, 71, 72, 75, 76, 91, 114, 266, 267.

LOW RATE FRUITLAND COAL PRODUCTION 6 WELLS LOCATED IN 28-7 AND 27-7



<p>NORMALIZED AVG:</p> <p>141 MMCF EUR</p> <p>138 MMCF IN 20 YRS</p> <p>185 MMCF IN 40 YRS</p> <p>10 MCFD E.L.</p> <p>0.0000 bbl/mcf oil yield</p>	<p>60 MCFD IP</p> <p>60.0% DECLINE, 1ST 12 MONTHS</p> <p>5.0% FINAL DECLINE</p>
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28-7 wells 7, 10, 68, 146, 161, 27-7 well 35.

District I

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District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-102
Revised August 15, 2000Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-23984		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE	
4 Property Code 016608		5 Property Name SAN JUAN 28-7 UNIT			6 Well Number 35A
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 6118

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
C	1	27N	7W		1130	NORTH	1450	WEST	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 W/2	13 Joint or Infill I	14 Consolidation Code U	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

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 DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 10/24/2002 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	

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Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23984		² Pool Code 72439		³ Pool Name SOUTH BLANCO PC	
⁴ Property Code 016608		⁵ Property Name SAN JUAN 28-7 UNIT			⁶ Well Number 35A
⁷ OGRID No. 005073		⁸ Operator Name CONOCO, INC.			⁹ Elevation 6118

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
C	1	27N	7W		1130	NORTH	1450	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
	I	U	

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-23984		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 35A
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 6118

10 Surface Location

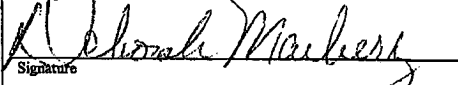
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres	13 Joint or Infill I	14 Consolidation Code U	15 Order No.
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<div data-bbox="105 955 568 1176"> <div data-bbox="105 955 324 1176">1450</div> <div data-bbox="324 955 568 1176">1130</div> </div>	<div data-bbox="1055 955 1510 997">17 OPERATOR CERTIFICATION</div> <div data-bbox="1055 997 1510 1092">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div> <div data-bbox="1055 1092 1510 1176">  </div> <div data-bbox="1055 1176 1510 1218">DEBORAH MARBERRY</div> <div data-bbox="1055 1218 1510 1260">Printed Name</div> <div data-bbox="1055 1260 1510 1302">REGULATORY ANALYST</div> <div data-bbox="1055 1302 1510 1344">Title</div> <div data-bbox="1055 1344 1510 1386">10/24/2002</div> <div data-bbox="1055 1386 1510 1428">Date</div>			
	<div data-bbox="1055 1428 1510 1470">18 SURVEYOR CERTIFICATION</div> <div data-bbox="1055 1470 1510 1596">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.</div> <div data-bbox="1055 1596 1510 1638">Date of Survey</div> <div data-bbox="1055 1638 1510 1680">Signature and Seal of Professional Surveyor:</div> <div data-bbox="1055 1680 1510 1722"></div> <div data-bbox="1055 1722 1510 1764"></div> <div data-bbox="1055 1764 1510 1806"></div> <div data-bbox="1055 1806 1510 1848">Certificate Number</div>			

SanJuan 28-7 Unit #35A
Fruitland Coal-Pictured Cliffs Recompletion
and Trimingle with Mesa Verde,
Oct 16, 2002
PEER REVIEWED, CEM, 10/16/02

WELL DATA

PBTD @ 5402' Spud Date – 03/ 1986
Surface Casing: 10.75", 32.75#, SW, 4 jts. set @ 288', cement circulated to surface.
Production Casing: 7 ", 23#, J-55, . set @ 3200', TOC @ surface (circ).
Production Liner: 4.5", 10.5#, J-55, set from 3071'-5447', TOC @ TOL (circ)
Tubing: 2.875", 6.4#, J-55, landed @ 5069', with mule shoe and SN on bottom.
Perforations: MV @ 4446'-5216"

The following are the recommended perf intervals (compl engr will specify perf density; etc within these):

Fruitland Coal

2634'-2638'
2650'-2658'
2716'-2726'
2740'-2757'

Pictured Cliffs

2765'-2776'
2779'-2792'
2804'-2812'

Juan 28-7 Unit #35A
Fruitland Coal-Pictured Cliffs Recompletion
and Trimingle with Mesa Verde,

PROCEDURE

- 1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, WORK SAFELY!
- 2) Kill well (minimum fluid!!) down tubing and POOH standing back.
- 3) Rig up wireline, RIH set 7" RBP @ TOL (3070'); fill casing with water, , spotting 5 sxs of sand on plug test to 2500 psi. (or other pressure as specified by completion engr)
- 4) RU wireline, **perforate as per Compl Engr procedure both the PC and FC intervals.,** RD wireline.
- 5) Rig up stim vendor and break-down/foam frac stimulate PC and FC as per Compl Engr procedure.
- 6) Flow back energized frac fluids to pit until it dies or settles down. RIH w/ tubing and c/o to CIBP. Get stabilized test and record. Once sand production stopped, in morning, with well live, PU tbg to 30' above top perf, and while well still flowing (continue to record rates), run spinner across PC/FC interval.

SEND ALLOCATED TEST RATES FOR PC AND FC based on spinner and total test flow, to Christine Valvatne & Yolanda Perez for C-104 and DHC application.

POOH test string, RIH with tbgs, c/o sand above RBP and pull RBP @ 3070'. POOH.

- 7) RIH 2.375" production tubing with mule shoe and SN on bottom, tag PBTD; land tubing @ 5000', drop rabbit through tubing to check for tight spots, be careful not to over torque, Make drift run to SN with sand line before rigging down.
- 20) RDMO, Notify operator to put on plunger lift production.

ConocoPhillips SJ North (for South team) CEM