

District I  
1625 N. French Drive, Hobbs, NM 68240

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

X Established Pre-Approved Pools

EXISTING WELLBORE

X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

CONOCOPHILLIPS CO.

P.O. BOX 2197 WL3 4061 HOUSTON TX 77252

Operator

Address

SAN JUAN 29-6

47

B SEC.28 T 29N R 6W

RIO ARRIBA

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 217817 Property Code API No. 30-039-07550 Lease Type X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL	BLANCO PICTURED CLIFFS	BLANCO MESA VERDE
Pool Code	71629	72359 72439	72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3020 - 3270	3270 - 3370	5034 - 5604
Method of Production (Flowing of Artificial Lift)	expected to flow	flowing	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)	1000#	1000#	500#
Oil Gravity or Gas BTU (Degree API or Gas BTU)	930	1050	1150
Producing, Shut-in or New Zone	new zone	shut-in	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:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or part production, supporting data or explanation will be required.)	Oil Gas % % Test/spinner	Oil Gas % % Test spinner	Oil Gas % % subtraction - 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 X  
Yes No X

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

Yes X No

Will commingling decrease the value of production?

Yes No X

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 X No

NMOCD Reference Case No. applicable to this well: R 11363; R 11187

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 01/02/2003

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

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

**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 Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-07550		<sup>2</sup> Pool Code 72359		<sup>3</sup> Pool Name BLANCO PICTURED CLIFFS	
<sup>4</sup> Property Code		<sup>5</sup> Property Name SAN JUAN 29-6			<sup>6</sup> Well Number 47
<sup>7</sup> OGRID No. 217817		<sup>8</sup> Operator Name CONOCO, INC.			<sup>9</sup> Elevation 6385 GL

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	28	29N	6W		990	NORTH	1650	EAST	RIO ARRIBA

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code U	<sup>15</sup> 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

<sup>16</sup> 	<sup>17</sup> 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 01/02/2003 Date	
	<sup>18</sup> 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  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
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 Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-07550		2 Pool Code 71629		3 Pool Name BASIN FRUITLAND COAL	
4 Property Code		5 Property Name SAN JUAN 29-6			6 Well Number 47
7 OGRID No. 217817		8 Operator Name CONOCO, INC.			9 Elevation 6385 GL

10 Surface Location

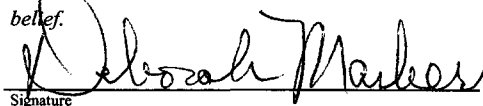
UL or lot no. B	Section 28	Township 29N	Range 6W	Lot Idn	Feet from the	North/South line NORTH	Feet from the	East/West line EAST	County RIO ARRIBA
--------------------	---------------	-----------------	-------------	---------	---------------	---------------------------	---------------	------------------------	----------------------

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 320	13 Joint or Infill I	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				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 01/02/2003 Date  18 SURVEYOR CERTIFICATION <i>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.</i>  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
**District II**  
811 South First, Artesia, NM 88210  
**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 Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-07550		<sup>2</sup> Pool Code 72319		<sup>3</sup> Pool Name BLANCO MESAVERDE	
<sup>4</sup> Property Code		<sup>5</sup> Property Name SAN JUAN 29-6			<sup>6</sup> Well Number 47
<sup>7</sup> OGRID No. 217817		<sup>8</sup> Operator Name CONOCO, INC.			<sup>9</sup> Elevation 6385 GL

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	28	29N	6W	990		NORTH	1650	EAST	RIO ARRIBA

<sup>11</sup> Bottom Hole Location If Different From Surface

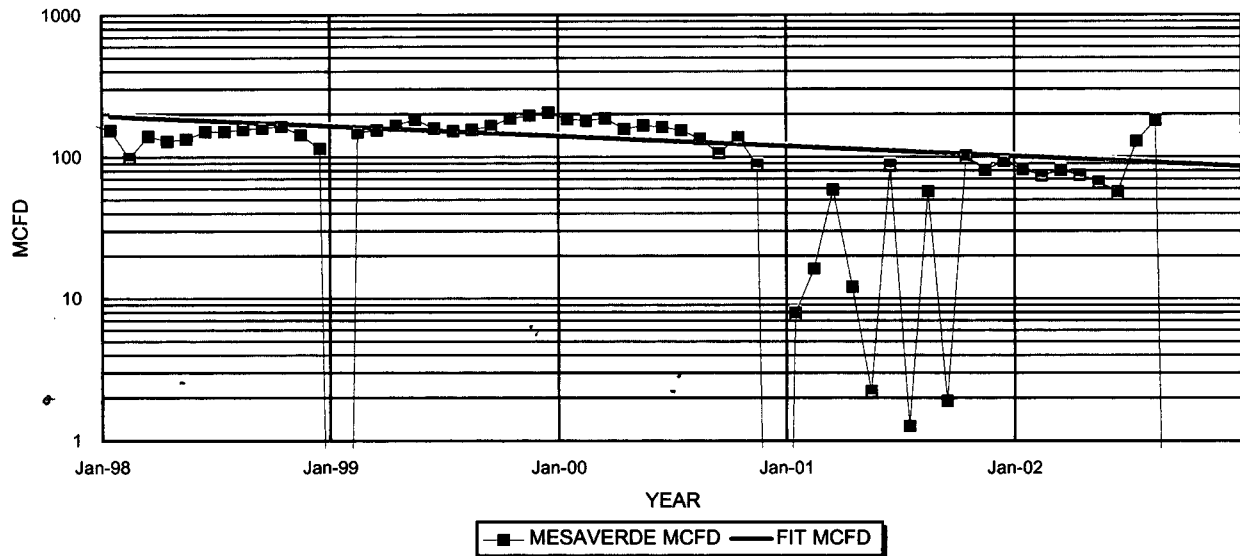
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code U	<sup>15</sup> 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

<sup>16</sup> 	<sup>17</sup> 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 01/02/2003 Date	
	<sup>18</sup> 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	

**SAN JUAN 29-6 UNIT #47 MESAVERDE PRODUCTION  
SECTION 28-29N-06W, RIO ARRIBA, NEW MEXICO**



<b>MESAVERDE PRODUCTION</b>		<b>1ST PROD: 06/59</b>	<b>MESAVERDE PROJECTED DATA</b>	
<b>OIL CUM:</b>	12.79	<b>MBO</b>	<b>Jan '02 Q1:</b>	104 <b>MCFD</b>
<b>GAS CUM:</b>	3377.3	<b>MMCF</b>	<b>DECLINE RATE:</b>	15.0% <b>(EXPONENTIAL)</b>
<b>OIL YIELD:</b>	3.79	<b>BBL/MMCF</b>	<b>API #30-039-07550</b>	

**PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLED ALLOCATION**

**NOTE:** Current yearly decline rate is approximately 15.0%.  
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.

<b>YEAR</b>	<b>MID-YEAR</b>	<b>MID-YEAR</b>
	<b>AVG. MCFD</b>	<b>AVG. BOPD</b>
2002	97	0.4
2003	82	0.3
2004	70	0.3
2005	59	0.2
2006	50	0.2
2007	43	0.2
2008	36	0.1
2009	31	0.1
2010	26	0.1
2011	22	0.1
2012	19	0.1
2013	16	0.1
2014	14	0.1
2015	12	0.0
2016	10	0.0
2017	8	0.0
2018	7	0.0
2019	6	0.0
2020	5	0.0
2021	4	0.0
2022	4	0.0
2023	3	0.0
2024	3	0.0
2025	2	0.0
2026	2	0.0
2027	2	0.0
2028	1	0.0
2029	1	0.0
2030	1	0.0
2031	1	0.0
2032	1	0.0