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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 FOR DOWNHOLE COMMINGLING

APPLICATION TYPE
_____ Single Well
X Established Pre-Approved Pools
EXISTING WELLBORE
X Yes _____ No

CONOCOPHILLIPS CO.
Operator

P.O. BOX 2197 WL3 4061 HOUSTON TX 77252
Address

SAN JUAN 29-6
Lease

47
Well No.

B SEC.28 T 29N R 6W
Unit Letter-Section-Township-Range

RIO ARRIBA
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 MESAVERDE
Pool Code	71629	72359	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 someting 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
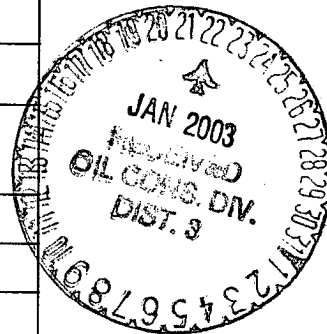
ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingling zones?   Yes_____ No X
If not, have all working royalty and overriding royalty interest owners been notified by certified mail?   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.

DHC 3097 —

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 he best of my knowledge and belief.

SIGNATURE _____ TITLE REGULATORY ANALYST _____ DATE 01/02/2003

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

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
30-039-07550	72359	BLANCO PICTURED CLIFFS

⁴ Property Code	⁵ Property Name	⁶ Well Number
	SAN JUAN 29-6	47

⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
217817	CONOCO, INC.	6385 GL

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
B	28	29N	6W		990	NORTH	1650	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	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160	I	U	

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR /
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

16

990

1650'

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

01/02/2003

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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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
30-039-07550	71629	BASIN FRUITLAND COAL

⁴ Property Code	⁵ Property Name	⁶ Well Number
	SAN JUAN 29-6	47

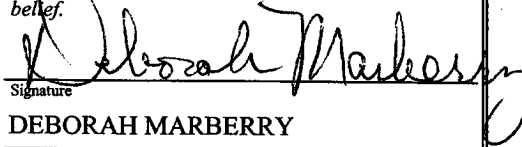| ⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
217817	CONOCO, INC.	6385 GL

¹⁰ Surface Location

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B	28	29N	6W		990	NORTH	1650	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	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320	I	U	

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16

990

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Signature

DEBORAH MARBERRY
Printed Name

REGULATORY ANALYST
Title

01/02/2003
Date

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-039-07550	72319	BLANCO MESAVERDE

4 Property Code	5 Property Name	6 Well Number
	SAN JUAN 29-6	47

7 OGRID No.	8 Operator Name	9 Elevation
217817	CONOCO, INC.	6385 GL

10 Surface Location

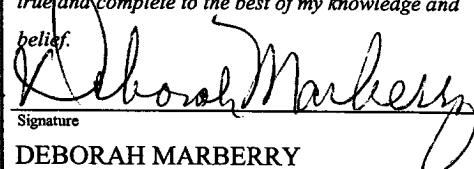| UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	28	29N	6W		990	NORTH	1650	EAST	RIO ARRIBA

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	13 Joint or Infill	14 Consolidation Code	15 Order No.
320	I	U	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR /
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

990

1650

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

01/02/2003
Date

18 SURVEYOR CERTIFICATION

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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

Chart: MCFD vs YEAR (Jan-98 to Jan-02), log scale 1–1000

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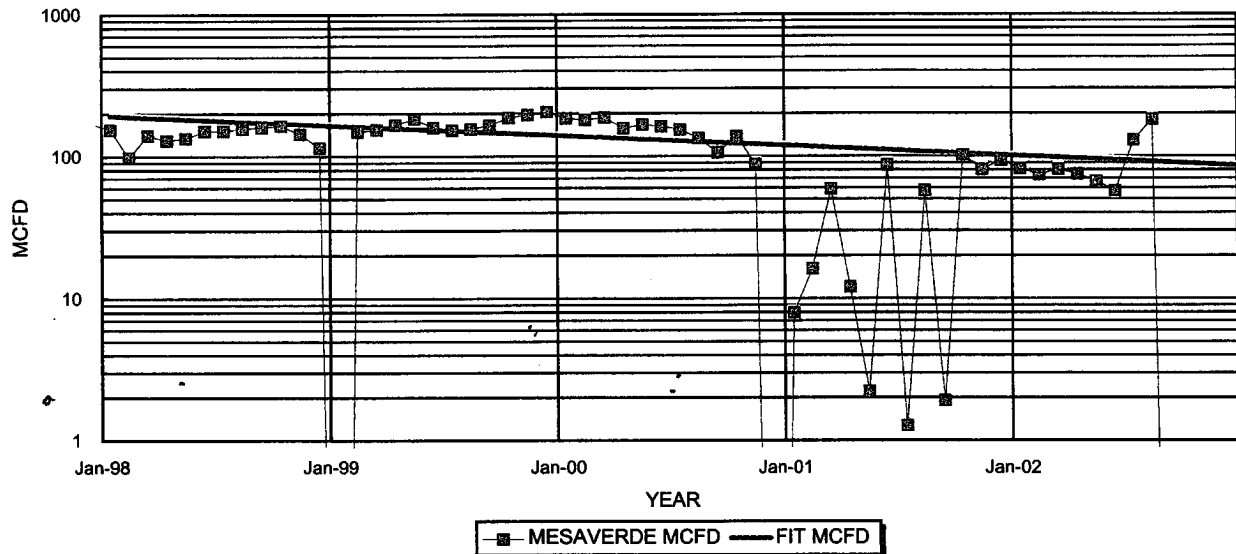
MESAVERDE PRODUCTION		1ST PROD: 06/59		MESAVERDE PROJECTED DATA		
OIL CUM:	12.79	MBO		Jan '02 Qi:	104	MCFD
GAS CUM:	3377.3	MMCF		DECLINE RATE:	15.0%	(EXPONENTIAL)
OIL YIELD:	3.79	BBL/MMCF		API #30-039-07550		

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE 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.

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
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