

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

- [D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners  
 [B]  Offset Operators, Leaseholders or Surface Owner  
 [C]  Application is One Which Requires Published Legal Notice  
 [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Deborah Marberry \_\_\_\_\_ *Deborah Marberry* \_\_\_\_\_ Regulatory Analyst \_\_\_\_\_ *4/19/04*  
 Print or Type Name Signature Title Date  
 \_\_\_\_\_  
 e-mail Address Deborah.marberry@conocophillips.com

**RECEIVED**

**APR 23 2004**

**Oil Conservation Division  
 1220 S. St. Francis Drive  
 Santa Fe, NM 87505**

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

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

APPLICATION FOR DOWNHOLE COMMINGLING

CONOCOPHILLIPS CO.

P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

Operator Address  
SAN JUAN 29-6 UNIT 70A E 29 29N 6W RIO ARRIBA  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 217817 Property Code 31326 API No. 30-039-21263 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Basin Fruitland Coal <input checked="" type="checkbox"/>		Blanco Mesaverde <input checked="" type="checkbox"/>
Pool Code	71629		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3030 - 3200 proposed		4308 - 5637
Method of Production (Flowing or Artificial Lift)	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)	800 est		575
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1100		1150
Producing, Shut-In or 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:	Date: Rates:	Date: 04/13/2004 Rates: 180 mcf + <1BO + <1BW
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 Subtraction %	Oil Gas %	Oil Gas as attached %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No

Are all produced fluids from all commingled 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-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 03/08/2004

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

E-MAIL ADDRESS deborah.marberry@conocophillips.com

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

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1301 W. Grand Avenue, Artesia, NM 88210

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-039-21263		2 Pool Code 71629		3 Pool Name FRUITLAND COAL	
4 Property Code 31326		5 Property Name SAN JUAN 29-6 UNIT			6 Well Number 70A
7 OGRID No. 217817		8 Operator Name CONOCOPHILLIPS CO.			9 Elevation 6434 GR

**10 Surface Location**

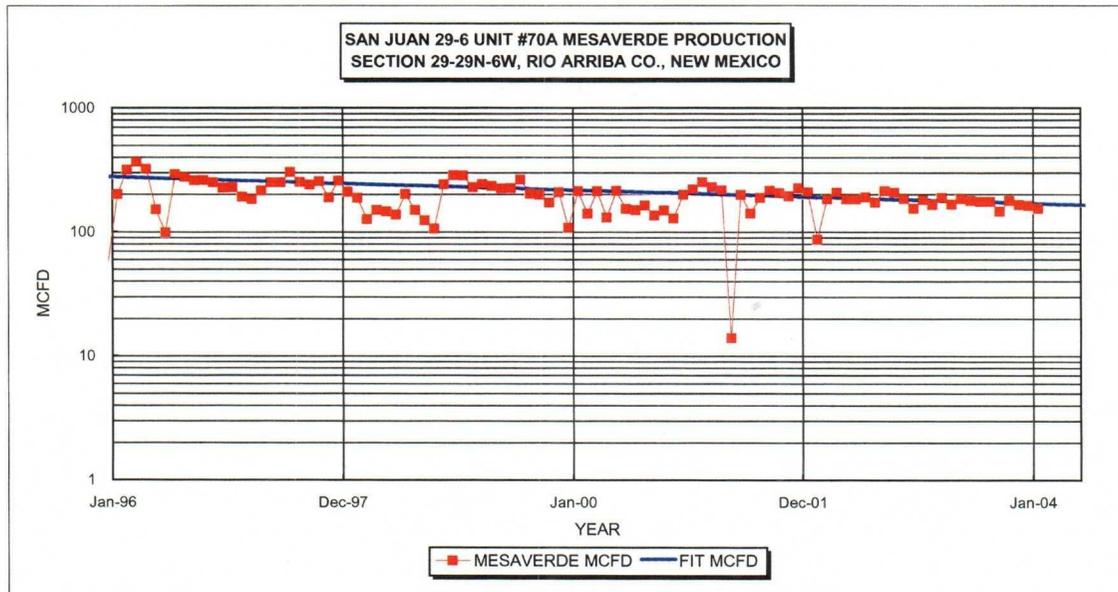
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	29	29N	6W		1490	NORTH	850	WEST	RIO ARRIBA

**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 320 W/2		13 Joint or Infill I		14 Consolidation Code		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

<p>16</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">1490</p> <p>850</p>					<p>17 <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Deborah Marberry</i> Signature</p> <p>DEBORAH MARBERRY Printed Name REGULATORY ANALYST deborah.marberry@conocophillips.com Title and E-mail Address</p> <p>04/19/2004 Date</p>
					<p>18 <b>SURVEYOR CERTIFICATION</b> 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.</p>
					<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>



<b>MESAVERDE PRODUCTION</b>		<b>1ST PROD: 2/77</b>	<b>MESAVERDE PROJECTED DATA</b>	
OIL CUM:	2.78	MBO	Jan '04 Qi:	166
GAS CUM:	1874.6	MMCF	DECLINE RATE:	6.0%
OIL YIELD:	1.49	BBL/MMCF		MCFD (EXPONENTIAL)
			API #30-039-21263	

**PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION**

**NOTE:** Current yearly decline rate is approximately 6.0%.  
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 OFM.

YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPD
2004	161	0.2
2005	152	0.2
2006	142	0.2
2007	134	0.2
2008	126	0.2
2009	118	0.2
2010	111	0.2
2011	105	0.2
2012	98	0.1
2013	92	0.1
2014	87	0.1
2015	82	0.1
2016	77	0.1
2017	72	0.1
2018	68	0.1
2019	64	0.1
2020	60	0.1
2021	56	0.1
2022	53	0.1
2023	50	0.1
2024	47	0.1
2025	44	0.1
2026	41	0.1
2027	39	0.1
2028	37	0.1
2029	34	0.1
2030	32	0.0
2031	30	0.0
2032	29	0.0
2033	27	0.0
2034	25	0.0
2035	24	0.0
2036	22	0.0
2037	21	0.0
2038	20	0.0
2039	18	0.0
2040	17	0.0
2041	16	0.0
2042	15	0.0
2043	14	0.0
2044	14	0.0