

**KELLAHIN & KELLAHIN**  
ATTORNEY AT LAW

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April 9, 2012

**HAND DELIVERED**

Ms. Jami Bailey, Director  
Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

*Case 14839*

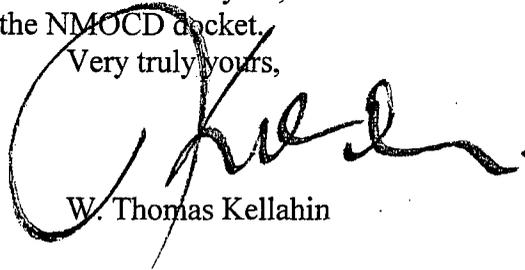
RECEIVED OOD  
2012 APR -9 P 3:12

Re: Application of ConocoPhillips Company  
for Down Hole Commingling, Rio Arriba County, New Mexico  
for its San Juan 29-5 Unit well No 77M (API #30-04-39-31044)  
W/2 Section 26, T29N, R5W  
for Mesaverde, Dakota and Mancos Production

Dear Mr. Fesmire:

On behalf of ConocoPhillips Company/Burlington Resources Oil & Gas Company LP, please find enclosed our referenced application which we request be set for hearing on the Examiner's docket now scheduled for May 24, 2012. Also enclosed is our proposed advertisement of this case for the NMOCD docket.

Very truly yours,



W. Thomas Kellahin

cc: Burlington Resources Oil & Gas Company LP  
Attn: Richard Corcoran

CASE 14839 Application of ConocoPhillips Company for Downhole Commingling, Rio Arriba County, New Mexico. Applicant seeks an order authorizing the downhole commingling of production from the Basin Dakota, Blanco Mesaverde and Basin Mancos Gas Pools underlying the W/2 of Section 26, T29N, R5W, NMPM, Rio Arriba County, New Mexico, being a standard 320-acre gas spacing and proration unit for the Mesaverde, Mancos and Dakota formation spaced on 320-acre spacing. This unit is being dedicated to its San Juan 29-5 Unit well No. 77M located in Unit E. This matter is being set for hearing because of an objection filed by Madalyn Joy Johnson, a royalty owner. This unit is located approximately 3-1/2 miles east of the Gobernador Camp, New Mexico.

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE APPLICATION OF  
CONOCOPHILLIPS COMPANY  
FOR DOWNHOLE COMMINGLING  
RIO ARRIBA COUNTY, NEW MEXICO.**

CASE NO. 14839

2012 APR -9 P 3:12

RECEIVED OOD

**APPLICATION**

ConocoPhillips Company and its affiliate Burlington Resources Oil & Gas Company LP. (collectively "ConocoPhillips") by its attorneys, Kellahin & Kellahin, seeks an order authorizing the downhole commingling of production from the Basin Dakota, Blanco Mesaverde and Basin Mancos Gas Pools underlying the W/2 of Section 26, T29N, R5W, NMPM, Rio Arriba County, New Mexico, being a standard 320-acre gas spacing and proration unit for the Mesaverde, Mancos and Dakota formation spaced on 320-acre spacing. This unit is being dedicated to its San Juan 29-5 Unit well No. 77M located in Unit E of this section. This matter is being set for hearing because of an objection filed by Madalyn Joy Johnson, a royalty owner.

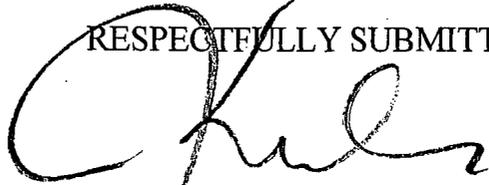
In support of its application ConocoPhillips states:

- (1) It is the operator of the San Juan 29-5 Federal Unit.
- (2) It is a working interest owner and the proposed operator for the San Juan 29-5 Unit Well No. 77M to be dedicated to the W/2 of Section 26, T29N, R5W, Rio Arriba County, New Mexico.
- (3) Burlington has proposed to drill, complete and operate the 77M well at a location in Unit letter E of this section and if productive to downhole commingle Dakota, Mesaverde and Mancos production. See Division form C-102 attached as Exhibit "A"

- (4) Within the spacing unit(s) the Mesaverde and the Dakota formations are presently committed to participating areas "PAs" and as such are infill development wells, whereas the Mancos formation is to be drilled on a drill block basis.
- (5) By letter dated October 5, 2011, ConocoPhillips sent a Downhole Commingling "DHC" notice letter and a copy of the Division Form C-107A to those owners entitled to notice including Mrs. Madalyn Joy Johnson. See notice letter and C-107A attached as Exhibits "B" and "C."
- (6) None of the interest owners that were notified has filed a written objection except for Mrs. Johnson who has declined to state what her specific objection is. See her Letter dated October 20, 2011, attached as Exhibit "D."
- (7) Downhole commingling of these three formations, for Mrs. Johnson royalty interest this means that her percentage interests are as follows:
  - a. Dakota Participating Area = 0.021552%
  - b. Mesaverde Participating Area = 0.007336%
  - c. Mancos Drill Block = 0 %
- (8) ConocoPhillips needs an order of the Division approving this "tri-mingling including the allocation of that production to all the appropriate mineral interests owners involved in order to protect correlative rights and prevent waste including the interests of Madalyn Joy Johnson.
- (9) In accordance with the Division's notice requirements, a copy of this application has been sent to the Mrs. Madalyn Joy Johnson (see Exhibit D") notifying her of this case and of the applicant's request for a hearing of this matter before the Division on the Examiner's docket now scheduled for May 24, 2012.

WHEREFORE, ConocoPhillips, as applicant, requests that Mrs. Madalyn Joy Johnson's objection be set for hearing on May 24, 2012 before the Division's duly appointed examiner, and that after notice and hearing as required by law, the Division enter its order approving this downhole commingling request and deny this objection.

RESPECTFULLY SUBMITTED:

A handwritten signature in black ink, appearing to read 'W. Thomas Kellahin', written over the printed name below.

W. THOMAS KELLAHIN  
KELLAHIN & KELLAHIN  
706 Gonzales Road  
Santa Fe, New Mexico 87501  
(505) 982-4285  
[tkellahin@comcast.net](mailto:tkellahin@comcast.net)

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1501 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

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 July 16, 2010  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-31044	<sup>2</sup> Pool Code 71599/72319/97232	<sup>3</sup> Pool Name BASIN DAKOTA/BLANCO MESAVERDE /MANCOS	BASIN
<sup>4</sup> Property Code 31325	<sup>5</sup> Property Name SAN JUAN 29-5 UNIT		<sup>6</sup> Well Number 77M
<sup>7</sup> GRID No. 217817	<sup>8</sup> Operator Name CONOCOPHILLIPS COMPANY		<sup>9</sup> Elevation 7095'

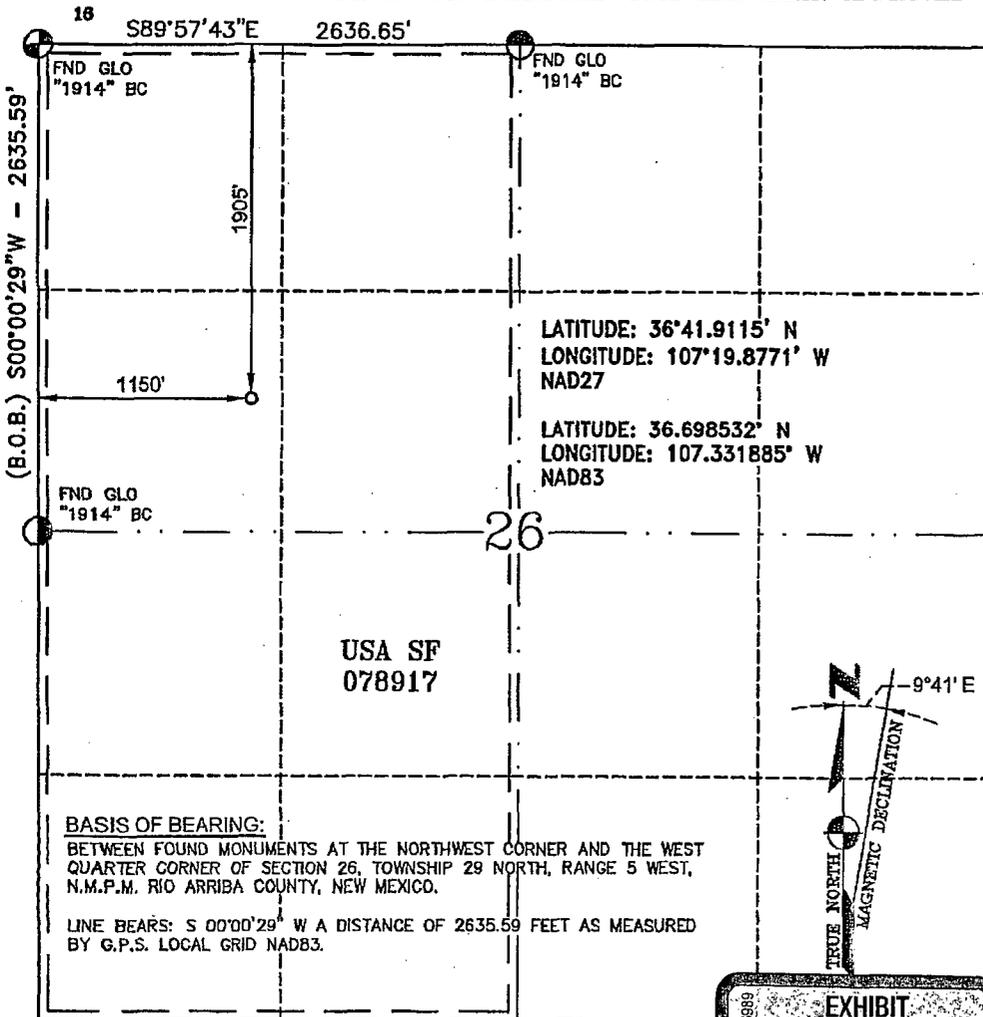
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	29-N	5-W		1905	NORTH	1150	WEST	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 DK 320.00 ACRES W/2 MV 320.00 ACRES W/2				<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<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>17</sup> OPERATOR CERTIFICATION

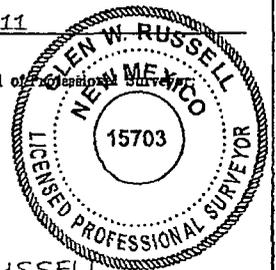
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Arleen Kellywood  
Printed Name  
arleen.r.kellywood@conocophillips.com  
E-mail Address

<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.

JUNE 29, 2011  
Date of Survey  
Signature and Seal of \_\_\_\_\_  
GLEN W. RUSSELL  
Certificate Number 15703



**BURLINGTON**

RESOURCES Oil & Gas Company LP  
3401 E. 30<sup>th</sup> St.  
P.O. Box 4289  
Farmington, NM 87499-4289

October 5, 2011

Subject well: San Juan 29-5 Unit 77M

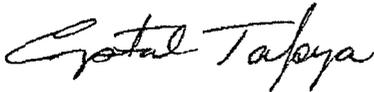
It has come to our attention that some interest owners may find the Down Hole Commingle application process slightly confusing. We hope this letter will clarify some of the questions you as an interest owner may have.

ConocoPhillips' (or Burlington's) plans are to add gas pay to the subject well and down hole commingle production. As required by regulation, we have enclosed a copy of the Commingling Application for your review. No action by you is required at this time unless you object.

If you object, you will need to send notice Burlington Resources/ConocoPhillips, PO Box 4289, Farmington, NM 87499 within twenty (20) days. Again, if you do not object, you **do not need** to sign or return any paperwork at this time.

All interest owners have been notified by certified mail on 10/05/2011.

Thank you,



Crystal Tafoya  
Staff Regulatory Technician  
ConocoPhillips Company  
505-326-9837

Exhibit  
B

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

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

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1120 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**

Operator ConocoPhillips Company Address P.O. Box 4289 Farmington, NM 87499

Lease San Juan 29-5 Unit Well No. 77M Unit Letter-Section-Township-Range Unit E, Sec. 26, 029N, 005W County Rio Arriba

OGRID No: 217817 Property Code 31325 API No. 30039310440000 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BLANCO MESAVERDE	BASIN MANCOS	BASIN DAKOTA
Pool Code	72319	97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4900'-6450' estimated	7300'-8000' estimated	8340'-8454' estimated
Method of Production (Flowing or Artificial Lift)	New Zone	New Zone	New Zone
Bottomhole Pressure <small>(Note: Pressure data will not be required if the bottom performance in the lower zone is within 150% of the depth of the top perforation in the upper zone)</small>	1022 psi	3057 psi	2981 psi
Oil Gravity or Gas BTU <small>(Degree API or Gas BTU)</small>	BTU 1000	BTU 1000	BTU 1000
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
Date and Oil/Gas/Water Rates of Last Production. <small>(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)</small>	Date: N/A Rates: N/A	Date: N/A Rates: N/A	Date: N/A Rates: N/A
Fixed Allocation Percentage <small>(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)</small>	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion

**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: \_\_\_\_\_

**Attachments:**

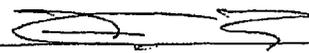
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation 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  TITLE Engineer DATE 10/4/11

TYPE OR PRINT NAME Bill Akwari, Engineer TELEPHONE NO. (505) 326-9700

E-MAIL ADDRESS Bill.N.Akwari@conocophillips.com

*Exhibit C*

San Juan 29-5 Unit 77M  
Surface - Unit E, Section 26, T029N, R005W

The San Juan 29-5 Unit 77M is a Blanco Mesaverde, Basin Dakota and Basin Mancos new drill. A cased hole neutron log will be run prior to completion to identify the Mesaverde, Dakota and Mancos zones. If the Mesaverde, Dakota and Mancos horizons can be isolated, a spinner test will be performed and the allocation will be assigned. In the event that the Mesaverde, Dakota and Mancos can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Basin Mesaverde, Basin Dakota and Basin Mancos. All documentation will be submitted to the Aztec NMOCD office.

**Exhibit "D"**

Mrs. Madalyn Joy Johnson  
P. O. Box 7371  
Tahoe City, CA 96145

Clyde F. Worthen, Esq,  
Keleher & McLeod, P.A.  
P. O. Box AA  
Albuquerque, NM 87103