

DATE IN <u>4.20.12</u>	SUSPENSE <u>5/10/12</u>	ENGINEER <u>WWT</u>	LOGGED IN <u>4.20.12</u>	TYPE <u>DHC</u>	APP NO. <u>121148281</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED OGD

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2012 APR 20 A 1220 South St. Francis Drive, Santa Fe, NM 87505



Burlington 14538

San Juan 30.5 Unit Com IN

ADMINISTRATIVE APPLICATION CHECKLIST 30-039-30662

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.

Arleen Kellywood
Print or Type Name

Arleen Kellywood
Signature

Staff Regulatory Tech 4/19/12
Title Date

San Juan 30.5 Unit Com IN
30-039-30662

arleen.r.kellywood@conocophillips.com
e-mail Address

PC

Form C-107A
Revised June 10, 2003

APPLICATION TYPE

X Single Well

EXISTING WELLBORE

Yes X No

PHC-4553

SAN JUAN 30-5 UNIT COM	1N	Unit O, Sec. 4, 030N, 05W	RIO ARRIBA
Lease	Well No.	Unit Letter-Section-Township-Range	County

OGRID No: 14538 Property Code 38389 API No. 30039306620000 Lease Type: Federal State ☒ Fee

ADDITIONAL DATA

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: _____

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 4/18/12

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

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

PK

SAN JUAN 30-5 UNIT COM 1N
Unit O, Section 4, T030N, R05W

The SAN JUAN 30-5 UNIT COM 1N 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. Initial Oil allocation will be the same as the gas initial allocation until the first liquid sale is completed. After completing the first liquid sale and using known Dakota and Mesaverde liquid yields from offset Stand Alone wells a system of linear equations will be solved for Mancos liquid yield, and that Mancos liquid yield will be used in conjunction with the Mesaverde and Dakota liquid yields to calculate the oil allocations. The oil allocation will be calculated in a way that is a function of individual formation Gas production and Individual formation liquid yields. All documentation will be submitted to the Aztec NMOCD office.

Form C-102
Revised October 12, 2005

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87605

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30662	*Pool Code 71599/72319/97232	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE /MANCOS	BASIN
*Property Code 38389	*Property Name SAN JUAN 30-5 UNIT COM	*Well Number 1N	
*OGRD No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6417'	

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
0	4	30-N	5-W		670'	SOUTH	1900'	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 <i>MAN</i> DK 319.13 ACRE E/2 MV 319.13 ACRE E/2			¹³ Joint or Infill		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

18

LOT 8

LOT 7

LOT 6

LOT 5

USA NM-4456

4

LAT: 36°50.1778' N.
LONG: 107°21.5735' W.
NAD 1927

LAT: 36.836303' N.
LONG: 107.360160' W.
NAD 1983

FEE

1900'

670'

GLO "16" BC

GLO "16" BC

2638.52' N 89° 48' 59" W

17 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 interest, or is a voluntary consortium, a joint agreement or a compulsory pooling order heretofore entered by the division.

Alan Kellywood 8/22/1
Signature

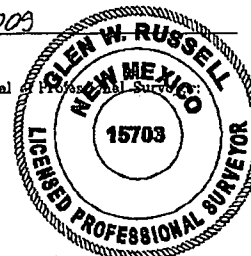
Arleen Kellywood
Printed Name

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.

AUGUST 4, 2009
Date of Survey

Signature and Seal



GLEN W. RUSSELL
Certificate Number

15703

SAN JUAN 30-5 UNIT COM 1N MV

Data: Apr.2012-Apr.2012

Operator: Unknown

Field:

No

Active

Production Cums

Zone:

Oil: 0.000000 MSTB

Type:

Forecast

Gas: 783.362051 MMSCF

Group:

Other

Water: 0.000000 MSTB

None

Cond: 0.000000 MSTB

Oil Rate - Bbl/d

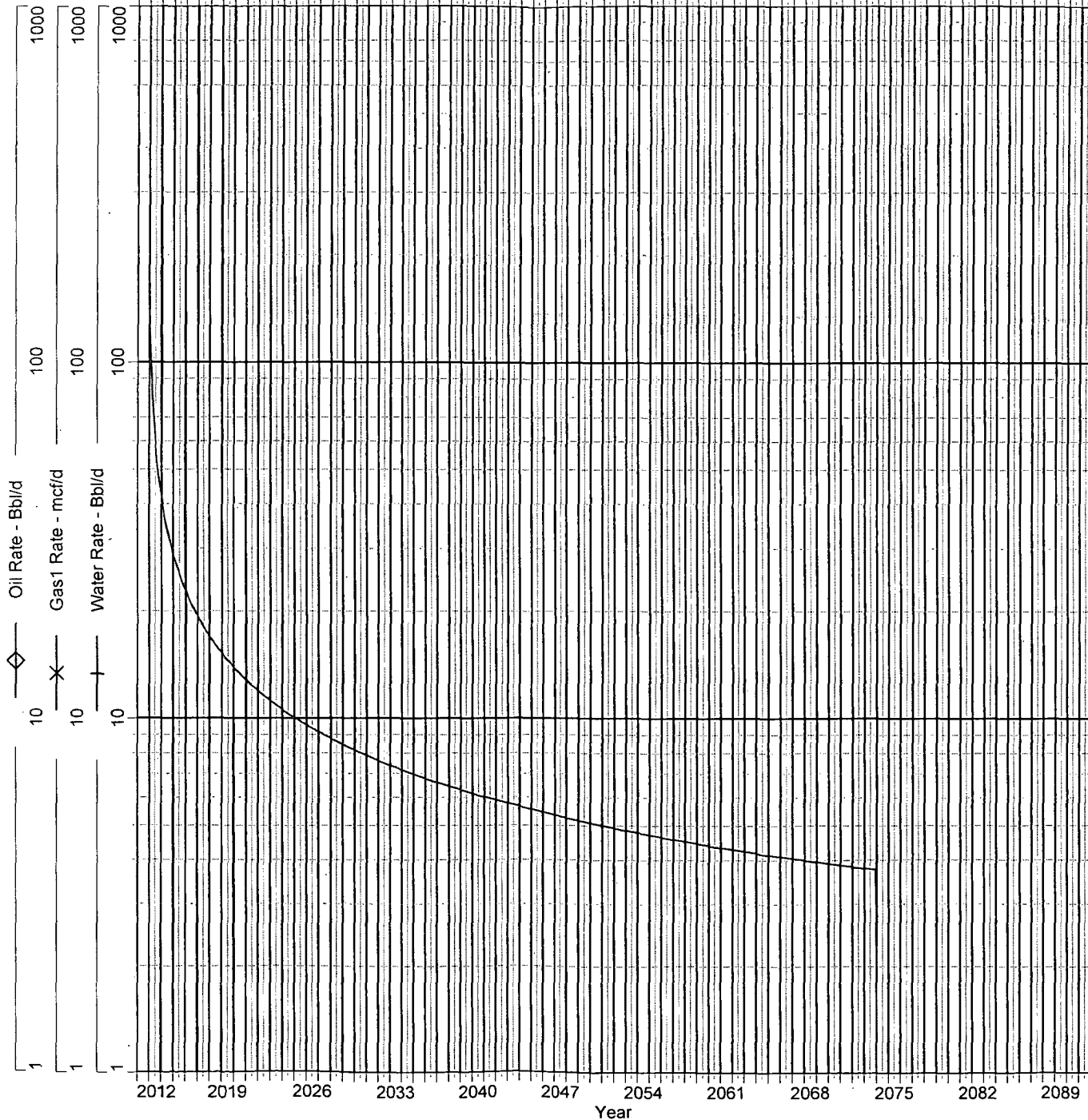
Cum: 0.00

Gas1 Rate - mcf/d

Cum: 0.00

Water Rate - Bbl/d

Cum: 0.00



SAN JUAN 30-5 UNIT COM 1N MC

Data: Apr.2012-Apr.2012

Operator: Unknown

Field:

Zone:

Type: Other

Group: None

No

Active

Forecast

Production Cums

Oil: 0.000000 MSTB

Gas: 534.488128 MMSCF

Water: 0.000000 MSTB

Cond: 0.000000 MSTB

Cum: 0.00

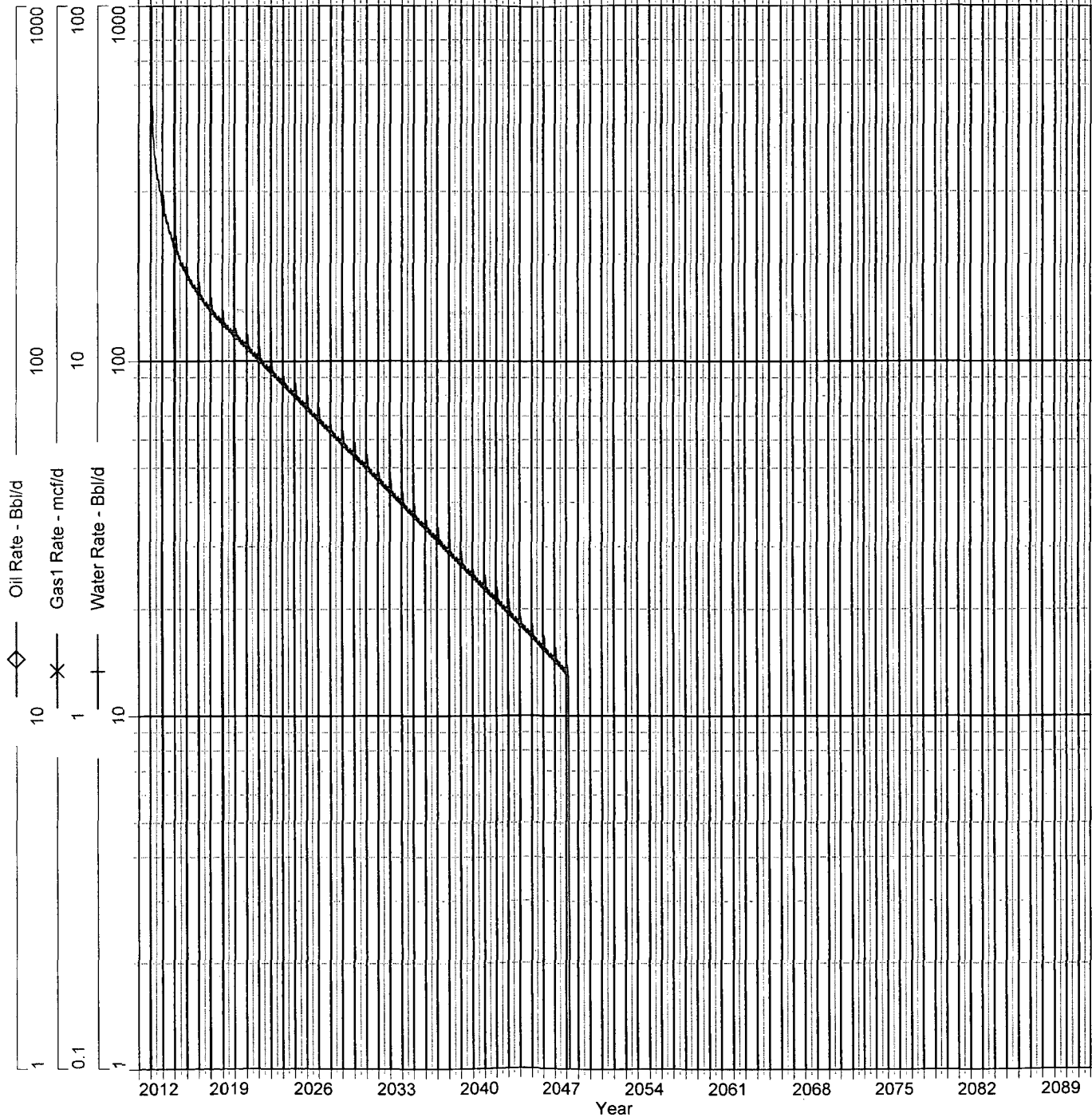
Gas1 Rate - mcf/d

Cum: 0.00

Oil Rate - Bbl/d

Water Rate - Bbl/d

Cum: 0.00



SAN JUAN 30-5 UNIT COM 1N DK

Data: Apr.2012-Apr.2012

Operator: Unknown

Field:

Zone:

Type:

Group:

Other

None

No

Active

Forecast

Production Cums

Oil: 0.000000 MSTB

Gas: 892.806838 MMSCF

Water: 0.000000 MSTB

Cond: 0.000000 MSTB

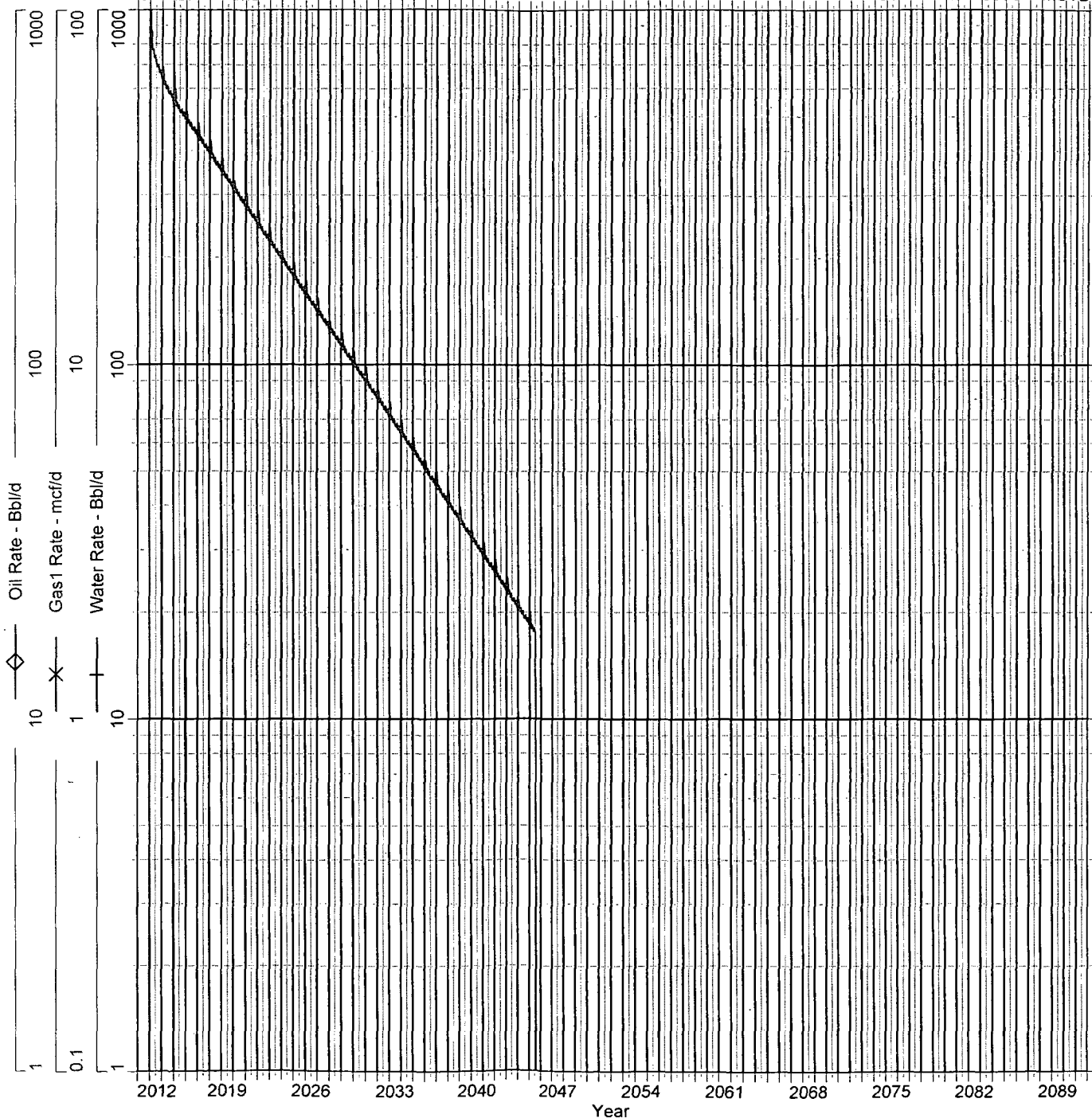
Cum: 0.00

Oil Rate - Bbl/d

Gas1 Rate - mcf/d

Water Rate - Bbl/d

Cum: 0.00



BURLINGTON

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

April 19, 2012

Subject well: San Juan 30-5 Unit Com 1N

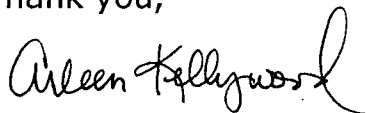
It has come to our attention that some interest owners may find the Down Hole Commingle application process slightly confusing. We hope this letter will clarify some of the questions you as an interest owner may have.

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 or New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505 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 4/19/2012.

Thank you,



Arleen Kellywood
Staff Regulatory Technician
ConocoPhillips Company
505-326-9517

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

Burlington Resources Oil & Gas P.O.Box 4289 Farmington, NM 87499
Operator Address

SAN JUAN 30-5 UNIT COM IN Unit O, Sec. 4, 030N, 05W RIO ARRIBA
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 38389 API No. 30039306620000 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)	5375'-5850' estimated	6600'-6700' estimated	7785'-7945' estimated
Method of Production (Flowing or Artificial Lift)	New Zone	New Zone	New Zone
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)	1315psi	2618psi	3298psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1020	BTU 1000	BTU 986
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
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: N/A Rates: N/A	Date: N/A Rates: N/A	Date: N/A Rates: N/A
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 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?
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 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.)
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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 [Signature] TITLE Engineer DATE 4/18/12

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

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

COPY TO INTEREST OWNERS

SAN JUAN 30-5 UNIT COM 1N
Unit O, Section 4, T030N, R05W

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Name Line 1	Name Line 2	Tax Id Number	Address Line 1	City	State	Zip Code
BP AMERICA PRODUCTION COMPANY		73-0466080	PO BOX 848103	DALLAS	TX	75284-8103
Name Line 1	Name Line 2	Tax Id Number	Address Line 1	City	State	Zip Code
OFFICE OF NATURAL RESOURCES REVENUE	ONSHORE FEDERAL 17555	53-0196958	PO BOX 25627	DENVER	CO	80225-0627