

DATE IN <u>3.8.12</u>	SUSPENSE	ENGINEER <u>WVJ</u>	LOGGED IN <u>3.8.12</u>	TYPE <u>DHC</u>	APP NO. <u>1206849454</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



*BarLington, 14538*

*Canyon Largo Unit #485E*

## ADMINISTRATIVE APPLICATION CHECKLIST *30-039-31060*

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 *3/5/12*  
Title Date

*Canyon Largo Unit 485E*  
*30-039-31060*

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

*PC*

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE

☒ Single Well  
☐ Establish Pre-Approved Pools  
 EXISTING WELLBORE  
 Yes ☒ No ☐

## APPLICATION FOR DOWNHOLE COMMINGLING

P.O.Box 4289 Farmington, NM 87499  
Address

RIO ARRIBA

Lease	Well No.	Unit Letter-Section-Township-Range	County
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OGRID No: 14538 Property Code 6886 API No. 30039310600000 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	LOWER ZONE
Pool Name	BASIN MANCOS	BASIN DAKOTA
Pool Code	97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5825'-6650' estimated	6980'-7204' estimated
Method of Production (Flowing or Artificial Lift)	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)	150% Rule	150% Rule
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1200	BTU 1116
Producing, Shut-In or 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
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

### ADDITIONAL DATA

Yes X No \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Yes X No

Yes \_\_\_\_\_ No X

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 3/2/12

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

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

Canyon Largo Unit 485E  
Unit J, Section 8, T025N, R006W

The Canyon Largo Unit 485E is a Basin Dakota and Basin Mancos new drill. A cased hole neutron log will be run prior to completion to identify the Dakota and Mancos zones. If the Dakota and Mancos horizons can be isolated, a spinner test will be performed and the allocation will be assigned. In the event that the Dakota and Mancos can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the 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 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 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.

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 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 30-039-31060	<sup>2</sup> Pool Code 71599/97232	<sup>3</sup> Pool Name BASIN DAKOTA/BASIN MANCOS
<sup>4</sup> Property Code 6886	<sup>5</sup> Property Name CANYON LARGO UNIT	<sup>6</sup> Well Number 485E
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 6660'

<sup>10</sup> Surface Location

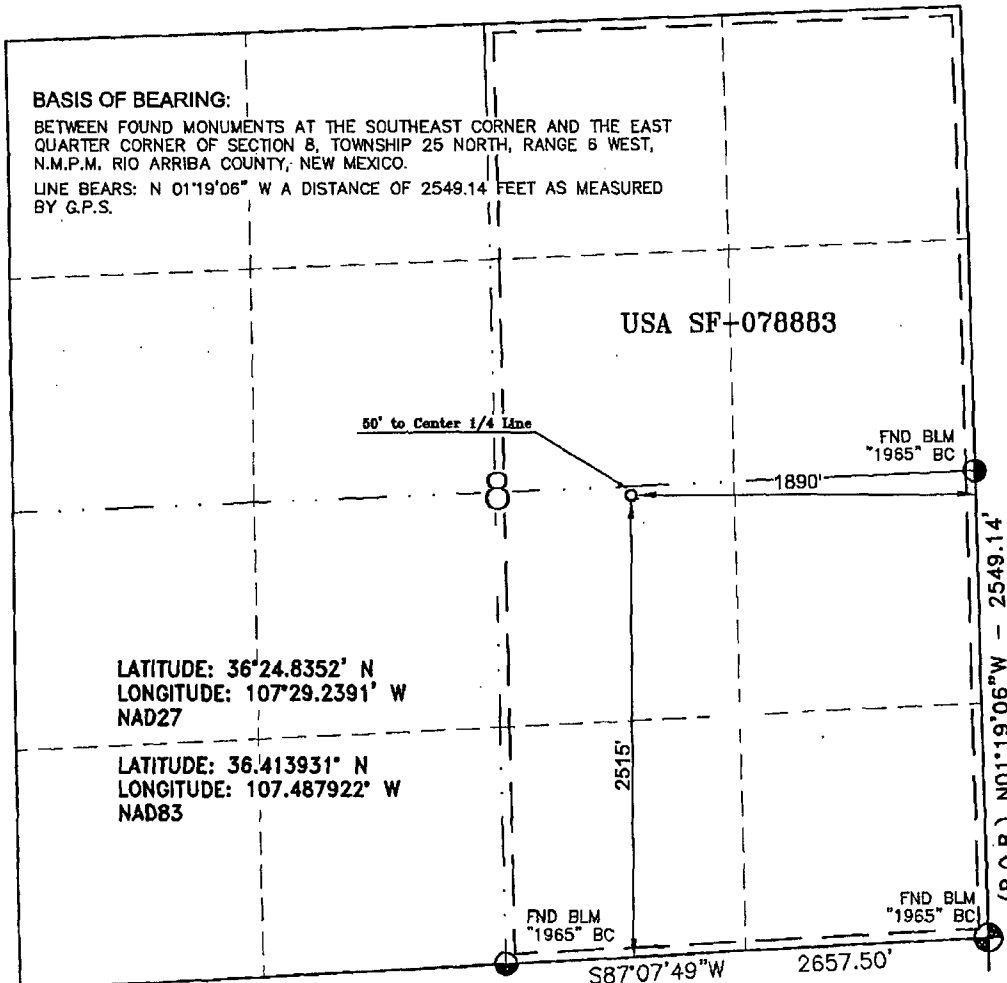
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	8	25-N	6-W		2515	SOUTH	1890	EAST	RIO ARriba

<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 DK 320.00 ACRES E/2 Mancos					<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

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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  
a working interest, or to a voluntary pooling agreement  
or a compulsory pooling order heretofore entered by the  
division.

Arleen Kellywood 12/6/11  
Signature Date  
Arleen Kellywood  
Printed Name  
arleen.r.kellywood@conocophillips.com  
E-mail Address

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.

NOVEMBER 23, 2010

Date of Survey

Signature and Seal of



GLEN W. RUSSELL  
Certificate Number 15703

CANYON LARGO UNIT 485E DK    Data: Feb. 2012-Feb. 2012

Operator: Unknown

Field:

Zone:

Type:

Group: Other

None

No

Active

Forecast

Production Cums

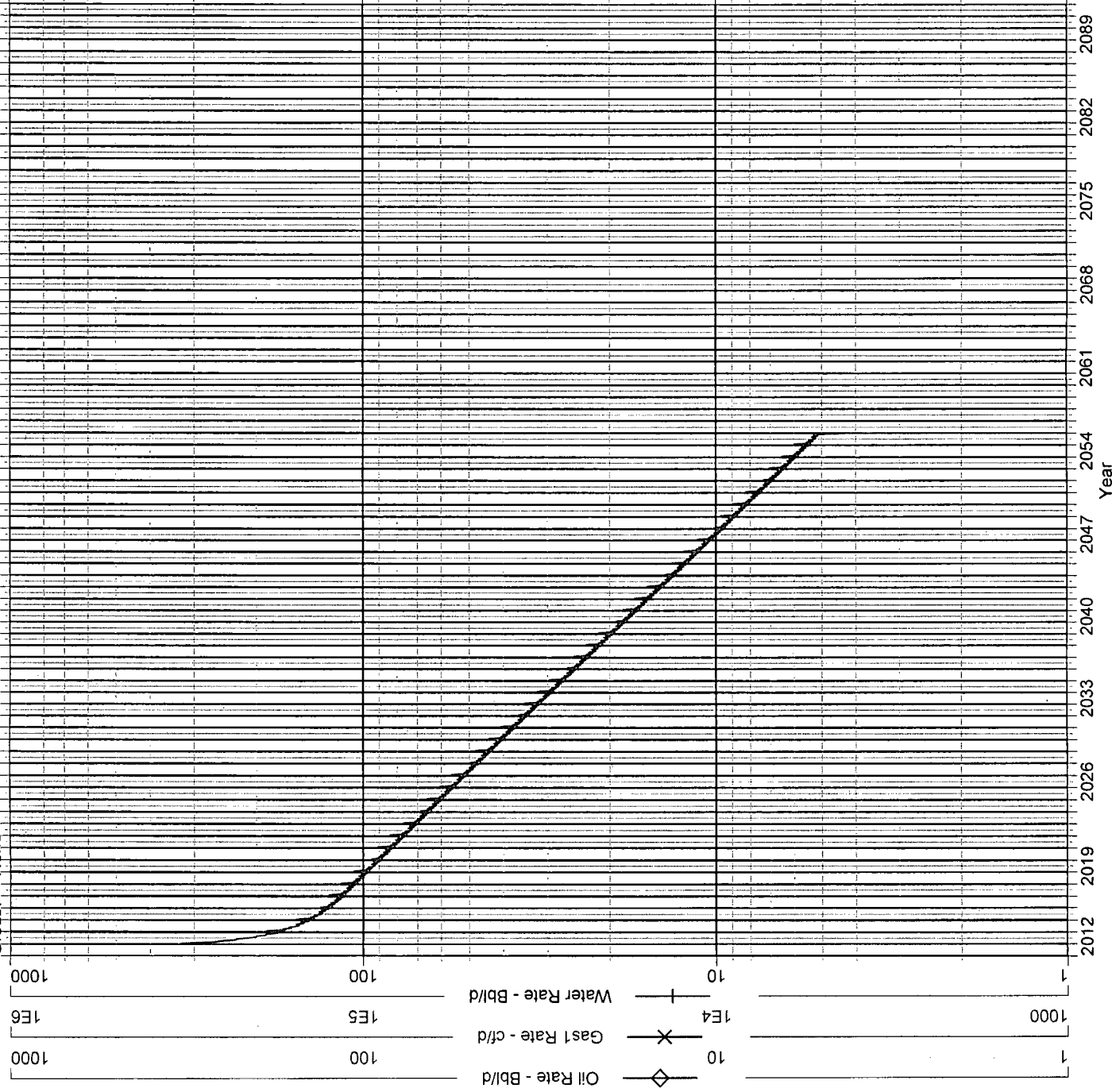
Oil: 0    Bbl

Gas: 0    MSCF

Water: 0    Bbl

Cond: 0    Bbl

◇ Oil Rate - Bbl/d  
Cum: 0.00  
✱ Gas1 Rate - cf/d  
Cum: 0.00  
— Water Rate - Bbl/d  
Cum: 0.00



CANYON LARGO UNIT 485E MC      Data: Feb.2012-Feb.2012

Operator: Unknown      No Active Forecast  
Field:  
Zone:  
Type: Other  
Group: None

Production Cums  
Oil: 0 Bbl  
Gas: 0 MSCF  
Water: 0 Bbl  
Cond: 0 Bbl

