

|                    |                     |                     |                      |             |                           |
|--------------------|---------------------|---------------------|----------------------|-------------|---------------------------|
| DATE IN<br>5/19/08 | SUSPENSE<br>5/30/08 | ENGINEER<br>W Jones | LOGGED IN<br>5/12/08 | TYPE<br>DHC | APP NO.<br>PKVR0813345066 |
|--------------------|---------------------|---------------------|----------------------|-------------|---------------------------|

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.

Sasha Spangler  
 Print or Type Name

*Sasha Spangler*  
 Signature

Regulatory Technician  
 Title

05/08/2008  
 Date

spangs@conocophillips.com  
 e-mail Address

RECEIVED  
 2008 MAY 9 PM 2 24

**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

## Oil Conservation Division

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

APPLICATION TYPE

X Single Well

### EXISTING WELLBORE

  X   Yes        No

## APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company LP  
Operator

P.O.Box 4289 Farmington, NM 87499  
Address

UTE MOUNTAIN UTE 42

Unit L, Sec. 30, 032N, 014W

## SAN JUAN

| Lease | Well No. |
|-------|----------|
|-------|----------|

Unit Letter-Section-Township-Range

County

OGRID No: 14538 Property Code 18725 API No. 30045293580000 Lease Type: X Federal        State        Fee       

| DATA ELEMENT   | UPPER ZONE               | INTERMEDIATE ZONE | LOWER ZONE  |
|--|--------------------------|-------------------|---|
| Pool Name  | WC BARKER DOME HERMOSA   |                   | BARKER DOME;<br>DESERT CREEK (G)                              |
| Pool Code  | 97582                    |                   | 96353   |
| Top and Bottom of Pay Section<br>(Perforated or Open-Hole Interval)  | 7918-8622'               |                   | 8836'-8930'   |
| Method of Production<br>(Flowing or Artificial Lift)   | FLOWING                  |                   | FLOWING   |
| Bottomhole Pressure<br>(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)       | N/A – 150% Rule          |                   | N/A – 150% Rule   |
| Oil Gravity or Gas BTU<br>(Degree API or Gas BTU)  | BTU 1000                 |                   | BTU 1000  |
| Producing, Shut-In or<br>New Zone  | PRODUCING                |                   | PRODUCING   |
| Date and Oil/Gas/Water Rates of<br>Last Production.<br>(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.) |                          |                   | Date: Nov 2007<br><br>Rates: 2876 MCF for the entire wellbore |
| Fixed Allocation Percentage<br>(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)                     | Oil Gas<br><br>42 % 42 % | Oil Gas           | Oil Gas<br><br>58 % 58 %                                      |

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

Are all produced fluids from all commingled 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:

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 [Signature] TITLE Engineer DATE 2/12/2007

TYPE OR PRINT NAME Ryan Frost, Engineer TELEPHONE NO. ( 505 ) 326-9700

E-MAIL ADDRESS Ryan.M.Frost@conocophillips.com

District I

1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 44255

RCVD JAN17'07  
OIL CONS. DIV.  
DIST. 3

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                               |   |                                       |
|-------------------------------|---|---------------------------------------|
| 1. API Number<br>30-045-29358 | 2. Pool Code<br>97582   | 3. Pool Name<br>WCBarker Dome Hermosa |
| 4. Property Code<br>18725     | 5. Property Name<br>UTE MOUNTAIN UTE                          | 6. Well No.<br>042                    |
| 7. OGRID No.<br>14538         | 8. Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP | 9. Elevation<br>6827                  |

**10. Surface Location**

|          |         |          |       |         |           |          |           |          |          |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|----------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County   |
|          | 30      | 32N      | 14W   |         | 790       | S        | 1740      | W        | SAN JUAN |

**11. Bottom Hole Location If Different From Surface**

|                                    |         |                     |       |                        |           |               |           |          |        |
|------------------------------------|---------|---------------------|-------|------------------------|-----------|---------------|-----------|----------|--------|
| UL - Lot                           | Section | Township            | Range | Lot Idn                | Feet From | N/S Line      | Feet From | E/W Line | County |
| 12. Dedicated Acres<br>160 5/16/14 |         | 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**

|  |   |
|--|---|
|  | <b>OPERATOR CERTIFICATION</b><br>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(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br><br>E-Signed By: Patsy Clugston<br>Title: Sr. Regulatory Specialist<br>Date: 1/15/07 |
|  | <b>SURVEYOR CERTIFICATION</b><br>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.<br><br>Surveyed By: Neal Edwards<br>Date of Survey: 9/9/2005<br>Certificate Number: 6857   |

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Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

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

Form C-102  
Permit 44255

RCVD JAN17'07

OIL CONS. DIV

DIST. 3

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                               |   |   |
|-------------------------------|---|---|
| 1. API Number<br>30-045-29358 | 2. Pool Code<br>96353   | 3. Pool Name<br>BARKER DOME; DESERT CREEK (G) |
| 4. Property Code<br>18725     | 5. Property Name<br>UTE MOUNTAIN UTE                          | 6. Well No.<br>042                            |
| 7. OGRID No.<br>14538         | 8. Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP | 9. Elevation<br>6827                          |

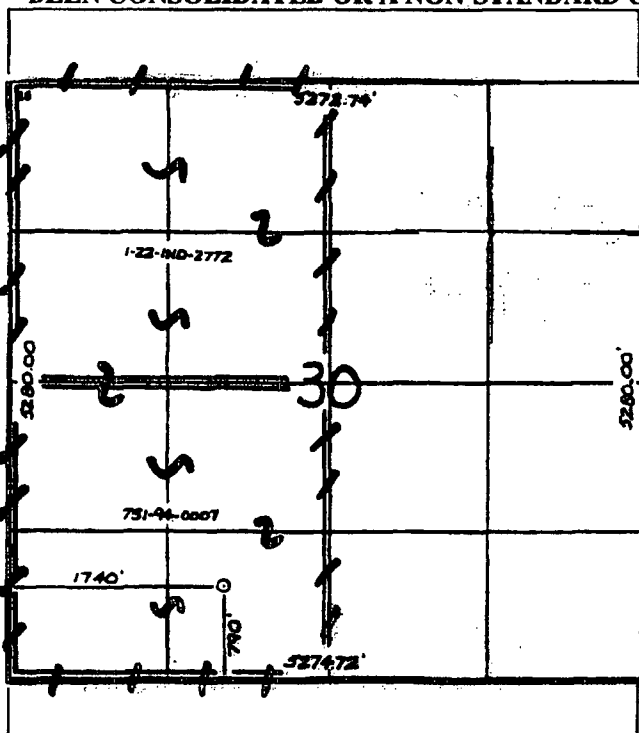
**10. Surface Location**

|          |         |          |       |         |           |          |           |          |          |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|----------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County   |
|          | 30      | 32N      | 14W   |         | 790       | S        | 1740      | W        | SAN JUAN |

**11. Bottom Hole Location If Different From Surface**

|                                |                     |                        |               |         |           |          |           |          |        |
|--------------------------------|---------------------|------------------------|---------------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot                       | Section             | Township               | Range         | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| 12. Dedicated Acres<br>320 w/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**

**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(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Patsy Clugston  
Title: Sr. Regulatory Specialist  
Date: 1/15/07

**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.*

Surveyed By: Neal Edwards  
Date of Survey: 9/9/2005  
Certificate Number: 6857

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24T

100 336 504 672 843 1011 1180 1349 1517 1687

