

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

DEC 04 2013

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

## 2. Name of Operator

Burlington Resources Oil &amp; Gas Company LP

## 3a. Address

PO Box 4289, Farmington, NM 87499

## 3b. Phone No. (include area code)

(505) 326-9700

## 5. Lease Serial No.

SF-078571

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit of CA/Agreement, Name and/or No.

## 8. Well Name and No.

Day B 4N

## 9. API Well No.

30-045-34147

## 10. Field and Pool or Exploratory Area

Blanco MV / Basin DK

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface

Unit: N (SESW), 895' FSL &amp; 1935' FWL, Sec. 7, T27N, R8W

## 11. Country or Parish, State

San Juan

New Mexico

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ Water Disposal

## 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources Requests Permission to P&A the subject well in accordance with the attached procedure, current & propped wellbore schematics. Th Pre-Disturbance on site visit was held on 11/21/13 w/ Bob Switzer. The Re-Vegetation plan is attaced. A Closed Loop System will be utilized for this P&A.

RCVD DEC 16 '13

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs  
prior to beginning  
operations

## 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Kenny Davis

Title Staff Regulatory Technician

Signature

Date

12/4/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

DEC 16 2013

NMOCD

AV

**ConocoPhillips**  
**DAY B 4N**  
**Expense - P&A**

Lat 36° 35' 5.179" N

Long 107° 43' 25.345" W

Prepared by: Jessica Simpson

Date: October 17, 2013

Twinned Location: No

Currently Surface Commingled:

No

Scope of Work: Plug and abandon wellbore. Return location to a natural state.

Est. Rig Days: 5

Area: 22

Route: 260

Est. Uplift: None

Formation: DK, MV

**WELL DATA**

API: 3004534147

Spud Date: 3/27/2007

LOCATION: 895 FSL & 1935 FWL, Spot N, Section 07 -T 027N - R 008W

Artificial lift on well (type): Plunger

Est. Reservoir Pressure (psia): 2000 psia (DK)

MASP (psia): 0

Well Failure Date: December 10, 2012

Last BH Pressure (psig): 0 psig on 5/12/2009

H2S: 0 ppm ALWAYS VERIFY

Well Class: 1

Well Category: 1

Refer to Well Control Manual for required barriers.

**Special Requirements:**

Before RU, run slickline to pull downhole equipment. If obstruction is found, set a locking 3-slip stop above fish. Several joints of 2-3/8" tubing for workstring as needed to set plugs. 4-1/2" CR's as needed for procedure.

| Contacts                   | Name            | Office # | Cell #   |
|----------------------------|-----------------|----------|----------|
| Well Intervention Engineer | Jessica Simpson |          |          |
| WI Backup Engineer         |                 |          |          |
| PE Production Engineer     | Kurtis Shaw     | 324-5193 | 215-3470 |
| MSO                        | David Montoya   |          | 320-4367 |
| Lead                       | Mark McKnight   | 599-3472 | 320-2649 |
| Area Foreman               | Davin Leboeuf   | 326-9892 | 320-9157 |

**Well History/Justification**

The well was drilled and completed in the Mesaverde and Dakota in March 2007.

Due to high water production, a water shut off was performed in May 2010. The goal was to isolate the water production by setting two permanent plugs across the Dakota formation. In October 2011, a second water shut off was attempted by setting a third permanent plug above the Dakota formation. During this operation, it was noted that the Mesaverde was also producing water, but it appeared to be able to maintain production despite the current water rates. However, shortly after the rig operations were completed, the well began to struggle to maintain production. The well required swabbing operations in October and December 2011, in November 2012, and January and June of 2013. During the swabbing operations in 2013, the well was unable to be restored to production. A recent workover was attempted to restore production, and was unsuccessful. As such, the well has been deemed unable to produce, and needs to be permanently abandoned.

**Recommendation**

The well is currently producing not producing, and has failed to maintain production after the last three rig projects. The well is unable to produce, and must be permanently abandoned.

\_\_\_\_\_  
Wells Engineer

\_\_\_\_\_  
Superintendent

\_\_\_\_\_  
Engineering Supervisor

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**ConocoPhillips**  
**DAY B 4N**  
**Expense - P&A**

Lat 36° 35' 5.179" N

Long 107° 43' 25.345" W

**PROCEDURE**

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e.) casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water as necessary, pumping at least a tubing capacity of water down tubing.
5. ND wellhead and NU BOPE. Function and pressure test BOP. Use a test range of 200-300 psi for a low pressure test and 1,500 psi for a high pressure test. Pressure test for 10 minutes and chart as per COP Well Control Manual requires. PU and remove tubing hanger.

6. TOOH with tubing

**Tubing:**                      **Size:**    2-3/8" OD 4.70 ppf J-55                      **Set Depth:**    5,313'  
Round trip with a 3-7/8" bit and watermelon mill to the top of CIBP @ 7,135' or as deep as possible.

**All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B/ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.**

**7. Plug #1 (Perfs, Dakota, & Graneros tops : 7,035'-7,135', 12 sacks Class B cement)**

**Note:** CBL (5/11/07) shows TOC @ 1,700'. TIH open ended or with plugging sub to CIBP@ 7,135'. Run wireline set plug in tubing. Load and pressure test tubing to 1000 psi. Retrieve plug. Load and circulate casing clean, pressure test casing to 800 psi. If casing does not test, cement plugs may need to be tagged as necessary. Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the perforations, Dakota, and Graneros formation tops. PUH.

**8. Plug #2 (Gallup top: 6,244-6,344', 12 sacks Class B cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Gallup formation top. PUH.

5,654 5,554

**9. Plug #3 (Mancos top: 5,453-5,553', 12 sacks Class B cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top. POOH.

**10. Plug #4 (Perfs & Mesaverde top: 4,358-4,666', 27 sacks Class B cement)**

TIH and set 4-1/2" CR on tubing at 4,666'. Mix 27 sx Class B cement and spot a balanced plug inside casing to isolate the perforations and Mesaverde formation top. PUH.

**11. Plug #5 (Chacra top: 3,682' -3,782', 12 sacks Class B cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Chacra formation top. PUH.

**12. Plug #6 (Pictured Cliffs & Fruitland tops: 2,295' -2,868', 47 sacks Class B cement)**

Mix 47 sx Class B cement and spot a balanced plug inside casing to isolate the Pictured Cliffs and Fruitland formation tops. POOH.

**13. Plug #7 (Ojo Alamo & Kirtland tops: 1,837' -2,055', 21 sacks Class B cement)**

Mix 21 sx Class B cement and spot a balanced plug inside casing to isolate the Ojo Alamo and Kirtland formation tops. POOH.

Nacimiento/

452

**14. Plug #8 (Surface Casing Shoe and surface: 0' - 403', 138 sacks Class B cement)**

RIH with wireline and perf 3 HSC squeeze holes at 403'. Establish circulation through squeeze holes. Set 4-1/2" CR at 253'. Mix 138 sxs Class B cement. Squeeze Class B cement into HSC holes and circulate cement to surface through bradenhead to isolate the surface casing & bradenhead. Sting out of retainer and spot plug from 358' to surface by pumping 34 sacks of cement. Shut in well and WOC. Tag cement top and top out cement as necessary.

15. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

**DAY B #4N**

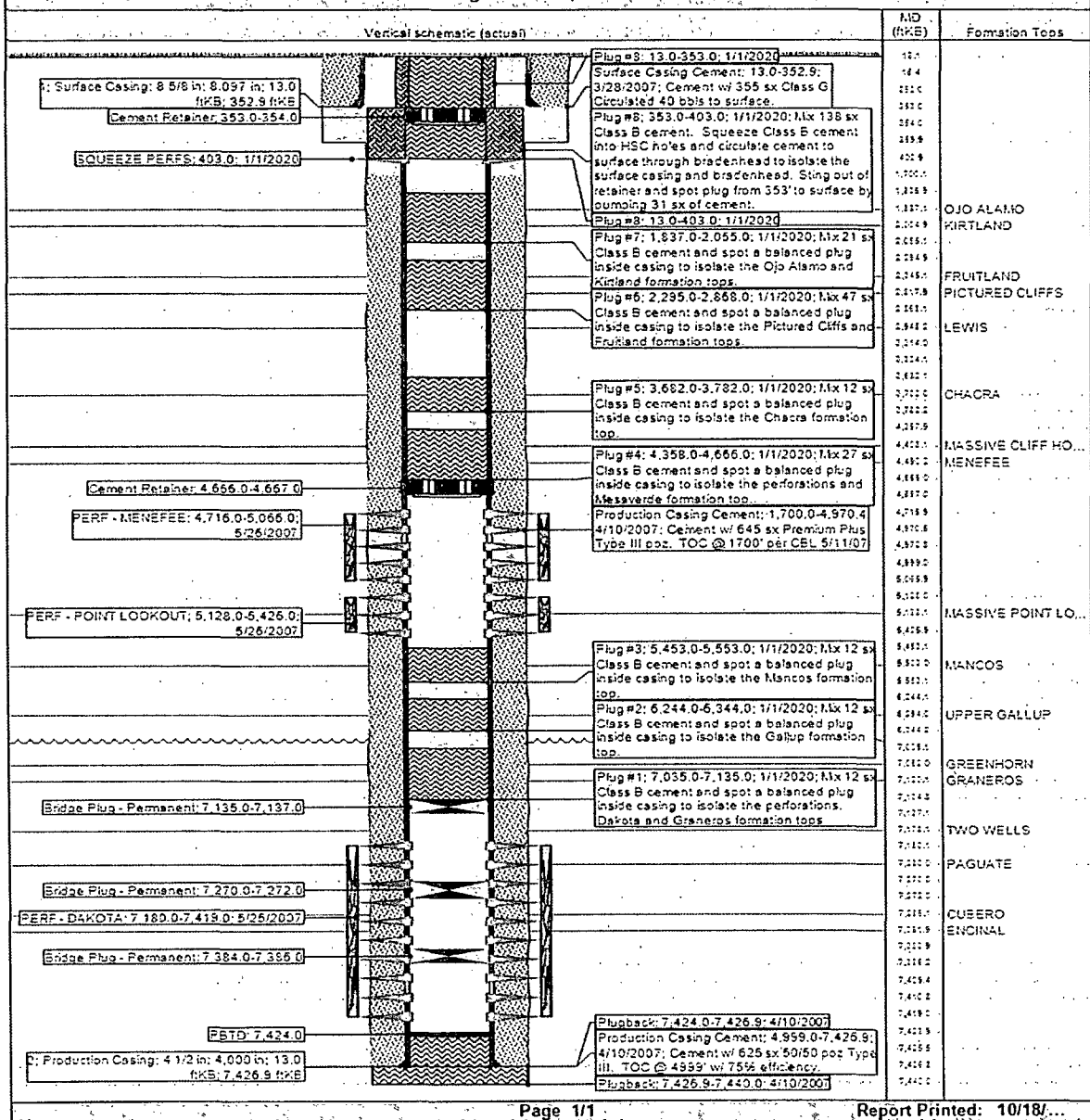
VERTICAL - Original Hole, 10/17/2013, 3:37:25 PM

Report Printed: 10/17/2013

**Schematic - Proposed**  
**DAY B #4N**

|                                 |                             |                                     |                            |                              |
|---------------------------------|-----------------------------|-------------------------------------|----------------------------|------------------------------|
| District<br>SOUTH               | Field Name<br>MV/DK         | API/UWI<br>3004534147               | County<br>SAN JUAN         | State/Province<br>NEW MEXICO |
| Original Spud Date<br>3/27/2007 | Surf Loc<br>007-027N-008W-N | East/West Distance (ft)<br>1,935.00 | East/West Reference<br>FWL | N/S Dist (ft)<br>895.00      |
|                                 |                             |                                     |                            | North/South Reference<br>FSL |

Vertical schematic (actual)



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 4N Day B

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Mancos plug from 5654' -5554'.
  - b) Place the Nacimiento/Surface plug from 452' to surface inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.