

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

SEP 24 2013

Farmington Field Office

SF-047017-B

**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 & Gas Company LP

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

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

8. Well Name and No.

Delo 9

9. API Well No.

30-045-21126

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

Surface

UL I (NESE), 1920' FSL & 415' FEL, Sec. 25, T28N, R11W

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 Oil & Gas Company LP requests permission to P&A the subject well per the attached procedure, current & proposed well bore schematics. The Pre-Disturbance site visit was held on 9/20/13 w/ Robert Switzer. The re-vegetation plan is attached. A closed loop system will be utilized for this P&A.

RCVD SEP 30 '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

9/24/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date SEP 26 2013

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.

NMOCD

**ConocoPhillips**  
**DELO 9 (PC)**  
**Expense - P&A**

Lat 36° 37' 52.248" N

Long 107° 56' 49.164" W

Prepared by: Jessie Dutko

Date: August 21, 2013

Twinned Location: Yes

Currently Surface Commingled: No

Scope of Work: Plug and abandon the wellbore and return the location to its original state.

Est. Rig Days: 4

Area: 22

Route: 251

Formation: PC

**WELL DATA**

API: 3004521126

Spud Date: 11/20/1972

LOCATION: 1920' FSL & 415' FEL, Spot I, Section 25 -T 028N - R 011W

Artificial lift on well (type): None

Est. Reservoir Pressure (psia): 200 (PC)

Well Failure Date: January 1, 2008

Earthen Pit Required: NO

H2S: 0 ppm Always verify!

**Special Requirements:**

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.

Two (2) 4-1/2" CR, CBL for 4-1/2" casing, tools for handling 1-1/2" 2.9# EUE tubing

Contacts	Name	Office #	Cell #
Wells Engineer	Jessie Dutko	599-3422	716-6056
Wells Backup	Brett Gremaux	326-9588	215-7086
PE Backup	Kurtis Shaw	324-5193	215-3470
MSO	Chris Robbins		320-6043
Spec	Dale Lockett		486-1917
Area Foreman	Davin Leboeuf	326-9892	320-9157

**Well History/Justification**

This well was drilled and completed in 1972. In 1995 the tubing was repaired, and in 1999, a rig moved on to clean out the well and replaced 1-1/4" tubing with 1-1/2". In 2002, a casing leak was discovered and squeezed off, and the perforations were re-frac'd. Since 2002 there has been no remedial work performed on the well.

In October 2009, a fluid shot indicated no fluid level. The area specialist noted that in November 2009 the well would only build up pressure to 21 psi. The meter tube is now out of Beta and the tube needs to be changed out, or the well needs to be plugged. Slickline confirmed on 7/23/13 that there is no fill or fluid holding back production and tagged up at 1885'. The well is currently producing below its abandonment rate of 5 MCFD. The well has been unprofitable for at least the past 4 years and is unprofitable at its current rate.

**Recommendation**

This well is uneconomic, therefore it is recommended to plug and abandon the wellbore and return the location to its original state.

## ConocoPhillips

### DELO 9

#### Expense - P&A

Lat 36° 37' 52.248" N

Long 107° 56' 49.164" 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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact the Wells Engineer.**

3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.

4. ND wellhead and NU BOPE. Pressure and function test BOP to 200-300 psi and 1000 psi over SICP to a maximum of 2000 psi or as per COP Well Control Manual. PU and remove tubing hanger.

5. SOOH with tubing (per pertinent data sheet). Visually inspect tubing and LD any bad joints.

**Tubing Size:** 1-1/2"      **Set Depth:** 1837 ftKB      **KB:** 4 ft

6. PU 3-7/8" watermelon mill and bit and roundtrip to top perforation @ 1832' or as deep as possible. Do not go past top perforation. POOH and LD bit and mill.

7. PU CR for 4-1/2" 9.5# casing on tubing and set @ 1772'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole and circulate clean. Pressure test casing to 800 psi. *If casing does not test, spot and tag subsequent plugs as appropriate.* POOH with tubing.

8. RU WL unit. Run CBL for 4-1/2" casing from CR to surface to identify TOC. Modify plugs as appropriate for TOC.

**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 ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.**

#### **9. Plug 1 (Pictured Cliffs perforations and formation top, Fruitland Coal top, 1305-1782', 41 Sacks Class B Cement)**

TIH with tubing. Mix 41 sx Class B cement and spot a balanced plug on top of the CR to cover the perforations and the Pictured Cliffs and Fruitland Coal formation tops. PUH.

#### **10. Plug 2A (Kirtland and Ojo Alamo formation top, 742-910', 13 Sacks Class B Cement)**

Mix 13 sx Class B cement and spot a balanced plug inside the casing from 910'-742'. PUH to 742' and reverse circulate hole clean. POOH.

#### **11. Plug 2B (Kirtland and Ojo Alamo formation top, 643-742', 35 Sacks Class B Cement)**

Perforate squeeze holes at 743'. Establish rate into squeeze holes. Set 4-1/2" CR at 693'. Mix 35 sx Class B cement and squeeze 23 sx outside the casing, leaving 12 inside to cover the Kirtland and Ojo Alamo formation tops. POOH.

#### **12. Plug 3 (Surfue Shoe, 0-111', 39 Sacks Class B Cement)**

Perforate squeeze holes at 111'. Establish rate into squeeze holes with water and out bradenhead and circulate clean. Mix 39 sx Class B cement and pump down production casing and out bradenhead, circulating good cement to surface. SI well and WOC.

13. 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.

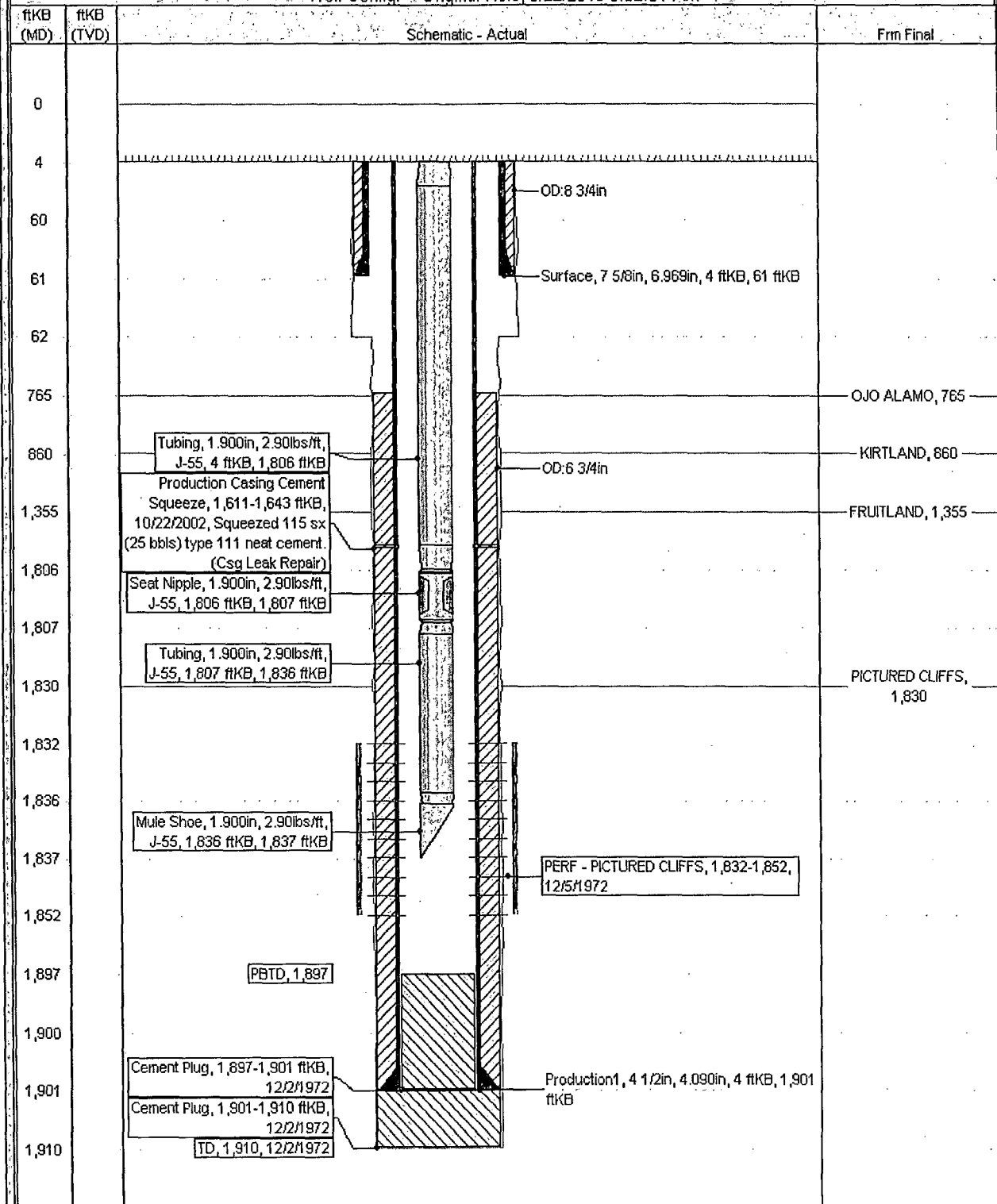
# Current Schematic

ConocoPhillips

Well Name: DELO #9

API/UVI 3004521126	Surface Legal Location 025-028N-011W-1	Field Name FULCHER KUTZ PC (G...	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 5,867.00	Original KB/RT Elevation (ft) 5,871.00	KB-Ground Distance (ft) 4.00	KB-Casing Flange Distance (ft) 5,871.00	KB-Tubing Hanger Distance (ft) 5,871.00		

Well Config: - Original Hole, 8/22/2013 6:52:31 AM



## Schematic - Proposed DELO #9

District SOUTH	Field Name FULCHER KUTZ PC (GAS)	API / UWI 3004521126	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 11/20/1972	Surf Loc 025-028N-011W-I	East/West Distance (ft) 415.00	East/West Reference E	N/S Dist (ft) 1920.00
North/South Reference S				
Original Hole, 1/1/2020 3:45:00 AM				

