

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 26 2013

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

Farmington Field Office  
Bureau of Land Management

NM-02491

**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**

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

**Surface UNIT D (NWNW), 800' FNL & 1130' FWL, Sec. 27, T30N, R11W**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**Murphy D #3**

9. API Well No.

**30-045-26475**

10. Field and Pool or Exploratory Area

**Aztec PC**

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 requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 12/18/13 w/Bob Switzer, BLM Representative. The Re-Vegetation Plan is attached. A Closed Loop System will be utilized for this project.**

RCVD JAN 9 '14

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)

**Denise Journey**

Title **Regulatory Technician**

Signature

*Denise Journey*

Date

**12/23/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

**JAN 07 2014**

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)

**ConocoPhillips**  
**MURPHY D 3**  
**Expense - P&A**

Lat 36° 47' 19.5" N      Long 107° 58' 57.864" W

Prepared by: Jessie Dutko      Date: November 18, 2013

Twinned Location: Yes      Currently Surface Commingled: No

Scope of Work: P&A the wellbore and return the location to its natural state.

Est. Rig Days: 3      Area: 3      Route: 302  
Formation: PC

**WELL DATA**

API: 3004526475      Spud Date: 8/10/1985

LOCATION: 800 FNL & 1130 FWL, Spot D, Section 27 -T 030N - R 011W

**Artificial lift on well (type):** None      **Est. Reservoir Pressure (psia):** 109 psia  
**MASP (psig):** 100 psia.

**Well Failure Date:** November 14, 2013      **Last Bradenhead Pressure (psig):** 0 psig (8/14/11)

**H2S:** 0 ppm ALWAYS VERIFY      **Well Class:** 1      **Well Category:** 1  
Refer to Well Control Manual for required barriers.

**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.

ALSO: A CIBP and CBL for 2-7/8" OD, 6.40# casing. Tools for handling 1-1/4" tubing.

Contacts	Name	Office #	Cell #
Well Intervention Engineer	Jessie Dutko	599-3422	716-6056
WI Backup Engineer	Brett Gremaux	326-9588	215-7086
PE Production Engineer	Jade Bradford	599-4043	215-1646
MSO	Brent Foutz		320-2575
Lead	Chris Neuenschwander	599-3474	320-1231
Area Foreman	Jack Birchfield	599-3483	320-1560

**Well History/Justification**

This well was drilled and completed in 1985 as a standalone Pictured Cliffs slimhole producer. In 1995, a rig moved on the well to cleanout sand and ran a string of 1-1/4" tubing in the well. A rig was on the well again in 1998 when the tubing became plugged. The 1-1/4" tubing string was rerun and landed higher. There has been no other rig work performed on the well since 1998.

The well is currently not producing and is considered uneconomic to restore production. Attempts to restore production have not been successful. Based on these considerations, it is recommended to plug and abandoned this well.

**Recommendation**

The well is currently unable to economically produce. There are no economic repair options available, so it is recommended to permanently abandon the wellbore. The location will be returned to its natural state.

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

\_\_\_\_\_  
Superintendent

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

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

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

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

## ConocoPhillips

### MURPHY D 3

#### Expense - P&A

Lat 36° 47' 19.5" N

Long 107° 58' 57.864" 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. If there is pressure on the bradenhead, contact Wells Engineer.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on vacuum.
4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger.

5. TOOH with tubing (per pertinent data sheet).

**Tubing size:** 1-1/4"      **Set Depth:** 2331      ftKB      **KB:** 12      ft

6. RU wireline. RIH w/ GR for 2-7/8" casing to top perforation. PU 2-7/8" CIBP, RIH, and set @ 2243'. Load hole. Pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Run CBL for 2-7/8" casing from CIBP to surface to identify TOC. Adjust procedure 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 Class B/ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.**

**7. Plug #1 (Pictured Cliffs Perforations and top and Fruitland top: 2243'-1922', 11 sacks Class B cement)**

TIH w/ tubing and test to 1000 psi. Mix 11 sx Class B cement and spot above CIBP to cover the Pictured Cliffs perforations and formation top and the Fruitland Coal top. PUH.

**8. Plug #2 (Surface Casing Shoe, Ojo Alamo, and Kirtland tops: 1060' – 0', 31 sacks Class B cement)**

Mix 31 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo formation tops and the surface casing shoe. POOH and LD tubing.

9. 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.

District NORTH	Field Name AZTEC PICTURED CLIFFS	API / UWI 3004526475	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 8/10/1985	Surface Legal Location 027-030N-011W-D	East/West Distance (ft) 1,130.00	East/West Reference FWL	North/South Distance (ft) 800.00
				North/South Reference FNL

VERTICAL: Original Hole, 11/19/2013 9:07:10 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)	Formation Tops
12.1		<b>SURFAC: 12.0-147.0 ftKB: 12 1/4 in</b>	
145.3			
146.0		Surface; 8 5/8; 8.097; 12.1; 146.0	
147.0			
895.0			OJO ALAMO
1,009.8		<b>PROD1: 147.0-1,968.0 ftKB: 7 7/8 in</b> Tubing; 1.66; 2.33; J-55; 12.0; 2,329.7	KIRTLAND
1,965.9			
1,972.1			FRUITLAND
2,269.4		<b>PROD1: 1,968.0-2,453.0 ftKB: 6 3/4 in</b>	
2,279.2			
2,290.0			PICTURED CLIFFS
2,293.0			
2,329.7		Notched Pin Collar; 1.66; 2.33; J-55; 2,329.7; 2,330.7	
2,330.7			
2,428.1		<b>PERF - PICTURED CLIFFS: 2,293.0-2,428.0 ftKB: 9/10/1985</b>	
2,437.0		<b>PBTD: 2,437.0; 7/2/1998</b>	
2,441.6			
2,444.9			LEWIS
2,451.4			
2,452.1		Production; 2 7/8; 2,441; 12.0; 2,452.0	
2,453.1		<b>TD - Original Hole: 2,453.0 ftKB</b>	

Description: Surface Casing Cement  
Depth (MD): 12.0-146.0 ftKB;  
Date: 8/10/1985;  
Comments: Cemented with 95 sks.  
Class B. Cement circulated to  
surface.

Description: Production Casing  
Cement; Depth (MD): 12.0-2,452.0  
ftKB; Date: 8/12/1985;  
Comments: Cemented with 370 sks.  
Class B 65/35 Poz followed by 75  
sks. Class B. Cement circulated to  
surface.

Description: Auto cement plug; Depth  
(MD): 2,442.0-2,452.0 ftKB;  
Date: 8/12/1985;  
Comments: Automatically created  
cement plug from the casing cement  
because it had a tagged depth.

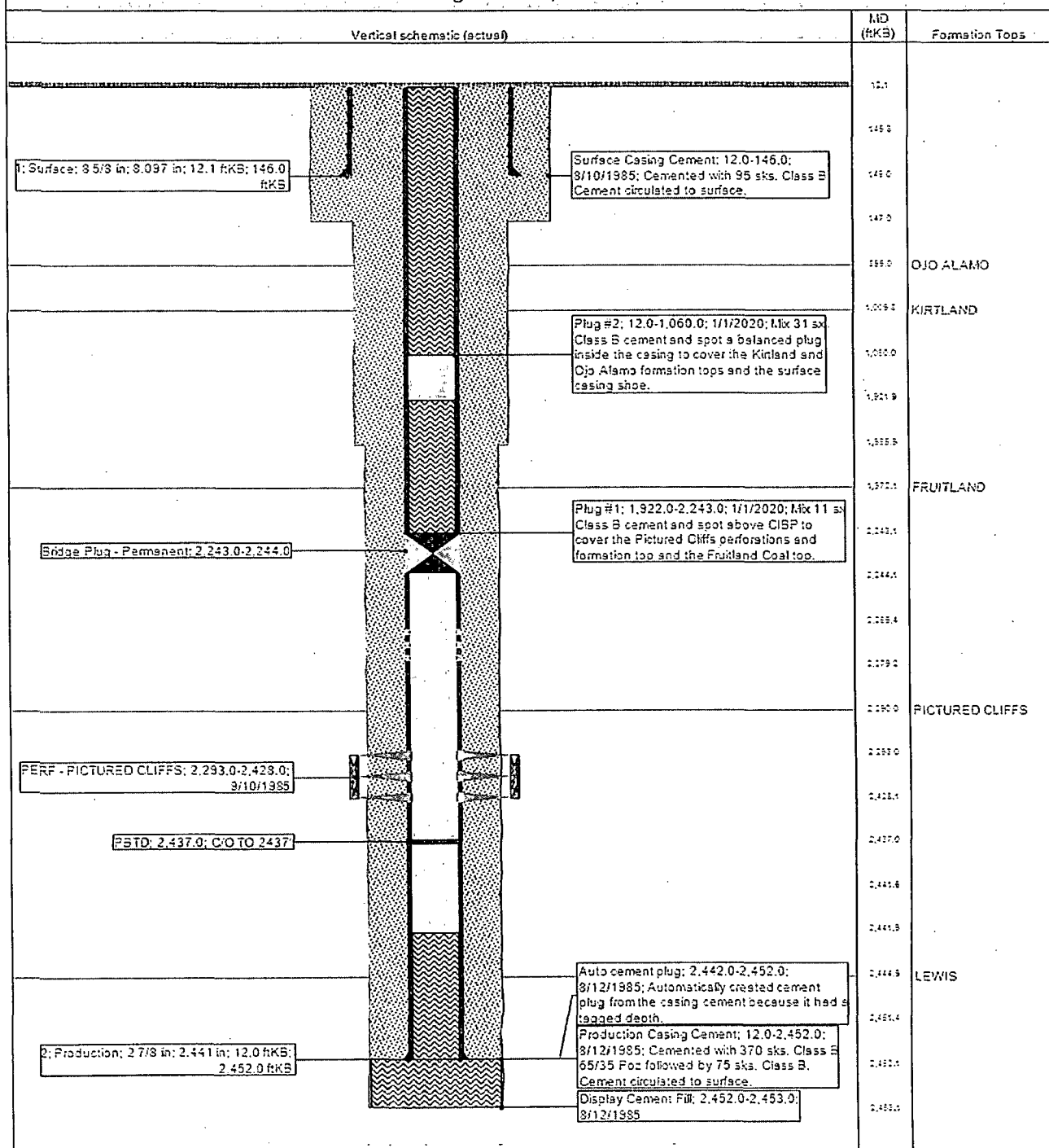
Description: Display Cement Fill;  
Depth (MD): 2,452.0-2,453.0 ftKB;  
Date: 8/12/1985

# ConocoPhillips

## Schematic - Proposed MURPHY D #3

District NORTH	Field Name AZTEC PICTURED CLIFFS	API/ UWI 3004526475	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 8/10/1985	Surf Loc 027-030N-011W-D	East/West Distance (ft) 1,130.00	East/West Reference FWL	N/S Dist (ft) 800.00
North/South Reference FNL				

VERTICAL - Original Hole, 1/1/2020 1:00:00 AM



**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: 3 Murphy D

**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) High H<sub>2</sub>S has been encountered in the area, therefore you are required to have H<sub>2</sub>S personal and equipment on location during plugging operations.

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.