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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 09 2012

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

Farmington Field Office
Bureau of Land Management

5 Lease Serial No

NMSF-078311

6 If Indian, Allottee or Tribe Name

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

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

8 Well Name and No

Cundiff 100

2 Name of Operator

Burlington Resources Oil & Gas Company LP

9 API Well No

30-045-31794

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No (include area code)

(505) 326-9700

10 Field and Pool or Exploratory Area

Basin Fruitland Coal

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

Surface Unit A (NENE), 955' FNL & 855' FEL, Sec. 19, T32N, R12W

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				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 per the attached procedure, current and proposed wellbore schematics.

**Notify NMOCD 24 hrs
prior to beginning
operations**

RCVD AUG 20 '12
OIL CONS. DIV.
DIST. 3

* Place inside plug to cover the PC Formation top from 1880'-1819

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

Dollie L. Busse

Title Staff Regulatory Technician

Signature

Dollie L. Busse

Date

8/9/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date AUG 17 2012

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)

NMOCD *ay*

ConocoPhillips
CUNDIFF 100
Expense - P&A

Lat 36° 58' 34.086" N

Long 108° 7' 45.433" 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.
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. Unseat pump and kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
5. TOOH w/hollow rods and LD using tubing punch procedure to relieve pressure and slickline to verify no obstructions.
6. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.
7. TOOH with tubing (per pertinent data sheet).

Rods:	Yes	Size:	1.315"	Set Depth:	1967'
Tubing:	Yes	Size:	2-3/8"	Set Depth:	1970'

Round trip casing scraper to top perforation @ 1614' 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 ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

8. Plug 1 (Fruitland Coal Perforations and Formation Top, 1564-1070', 42 Sacks Class B Cement)

PU 4-1/2" CR and set at 1564'. Load casing and circulate well clean. Pressure test tubing to 1000#, and casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 42 sxs Class B cement and spot a plug inside casing above CR to isolate the Fruitland Coal perforations and formation top. PUH.

9. Plug 2 (Ojo Alamo and Kirtland, 836-573', 24 Sacks Class B Cement)

Mix 24 sxs Class B cement and spot a balanced plug inside casing to cover Ojo Alamo and Kirtland formation tops. PUH. *Kirtland is surface*

10. Plug 3 (Surface Plug, 190-0', 19 Sacks Class B Cement)

Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 19 sx Class B cement and spot a balanced cement plug inside casing from 190' to surface. Circulate good cement out casing valve. TOH and LD tubing.

Shut in well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 4 1/2 casing and the BH annulus to surface. Shut well in and WOC.

11. 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: CUNDIFF #100

API/UVI	Service Legal Location	Field Name	License No	State/Province	Well Configuration Type	Edit
3004531794	NMPM 019-032N-012W	BASIN (FRUITLAND COAL)		NEW MEXICO		
Ground Elevation (ft)	Original Kt/RT Elevation (ft)	K3-Grnd D/E (ft)	K3-Casing Flange D/E (ft)	K3-Tubing Hanger D/E (ft)		
5,926.00	5,938.00	12.00	5,938.00	5,938.00		

Well Config: - Original Hole, 8/8/2012 1:26:20 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
-2			
0			
10	10	H2S Well	
12	12	Hollow Polished Rod .750" ID, 26.0ft	
12	12		
24	24	Tubing NEW, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 43 ftKB	
28	28	Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 43 ftKB, 69 ftKB	
43	43		
69	69		
139	139		
140	140	Surface Casing Cement, 12-140, 1/21/2005, 34 sxs Type III Portland cement; Circulated 1 bbl to surface.	
143	143	Surface, 7in, 6.456in, 12 ftKB, 140 ftKB	
458	458	Hollow Rod 1.049" ID, 430.3ft	
459	459	Check Valve (Hollow), 0.5ft	
623	622		OJO ALAMO, 623
786	785	Hollow Rod 1.049" ID, 496.9ft	KIRTLAND, 786
956	954	Tubing NEW, 2 3/8in, 4.70lbs/ft, J-55, 69 ftKB, 1,708 ftKB	
956	955	Check Valve (Hollow), 0.5ft	
1,120	1,118		FRUITLAND, 1,120
1,285	1,283	Hollow Rod 1.049" ID, 496.4ft	
1,301	1,298	Check Valve (Hollow), 0.5ft	
1,453	1,449	Hydraulic Fracture, 3/14/2005, Frac'd w/203 bbls 25# linear gel w/75Q foam, 16,000# 20/40 AZ sand, and 191,800 SCF N2.	
1,453	1,449	PERF SUB VW 4 3/16" HOLES, 2 3/8in, 4.70lbs/ft, J-55, 1,708 ftKB, 1,714 ftKB	
1,614	1,609	Fruitland Coal, 1,614-1,712, 3/14/2005	
1,708	1,702	Hollow Rod 1.049" ID GUIDED, 495.5ft	
1,712	1,706		
1,714	1,708	Hydraulic Fracture, 3/14/2005, Frac'd w/478 bbls 25# linear gel w/75Q foam, 90,000# 20/40 AZ sand, and 808,700 SCF N2.	
1,791	1,784	Fruitland Coal, 1,791-1,819, 3/14/2005	
1,819	1,811		
1,830	1,822	Tubing NEW, 2 3/8in, 4.70lbs/ft, J-55, 1,714 ftKB, 1,962 ftKB	PICTURED CLIFFS, 1,830
1,871	1,863		
1,949	1,939	PERF SUB VW 3- 3/8" HOLES, 2 3/8in, 4.70lbs/ft, J-55, 1,962 ftKB, 1,966 ftKB	
1,949	1,940	"F" NIPPLE 1.78, 2 3/8in, 4.70lbs/ft, J-55, 1,966 ftKB, 1,967 ftKB	
1,950	1,940	PERF SUB VW MULE SHOE, 2 3/8in, 4.70lbs/ft, J-55, 1,967 ftKB, 1,969 ftKB	
1,962	1,952	PBTD, 2,021	
1,966	1,956		
1,967	1,956		
1,967	1,957		
1,969	1,959		
2,021	2,010		
2,022	2,011		
2,023	2,012		
2,065			
2,066			
2,070		TD, 2,070, 2/1/2005	
		Display Cement Fill, 2,021-2,066, 2/2/2005	
		Production Casing Cement, 12-2,066, 2/2/2005, 9 sxs scavenger followed by 149 sxs Premium Lite tailed w/90 sxs Type III; Circulated 10 bbls to surface.	
		Production, 4 1/2in, 4.052in, 12 ftKB, 2,066 ftKB	
		Display Cement Fill, 2,066-2,070, 2/2/2005	

