

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No. **SF-076465**

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

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 K (NESW), 2200' FSL & 1980' FWL, Sec. 12, T29N, R12W**

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

8. Well Name and No.  
**Cornell SRC 4**

9. API Well No.  
**30-045-08528**

10. Field and Pool or Exploratory Area  
**Fulcher Kutz Pictured Cliffs**

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 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 checked="" 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 recomplate 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 recompletion 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.)

**3/22/2017** - Contacted AG/BLM & Brandon Powell/OCD to update that the 3 1/2" csg can not be pulled per procedure as it appears to be welded inside the 4 1/2" WH. The 3 1/2"x5 1/2" annulus was hot-tapped 3/21/17 & there is no pressure.

**3/24/2017 #1**- Contacted Brandon Powell/OCD to request permission to decrease excess to 50%. Rec'vd verbal OK.

**3/24/2017 #2** - Contacted Jack Savage/BLM & Brandon Powell/OCD re tagged plug, TOC @ 672'. Propose to D/O to approx. 780'; perf @ 770'. Rec'vd verbal OK.

**3/29/2017** - Contacted Brandon Powell/OCD re tagged top of Ojo plug @ 510', proposed not topping it off. Rec'vd verbal OK.

The subject well was P&A'd on 3/30/2017 per the notifications above and the attached report.

**OIL CONS. DIV DIST. 3**

**MAY 18 2017**

**ACCEPTED FOR RECORD**

**MAY 15 2017**

**FARMINGTON FIELD OFFICE**

*[Signature]*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) **Dollie L. Busse** Title **Regulatory Technician**

Signature *[Signature]* Date **4/28/2017**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ 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 \_\_\_\_\_



## Burlington Resources

P.O. Box 2200  
Bartlesville, OK 74005

P.O. Box 1979, Farmington, NM 87499  
(505) 325-2627

Name: Cornell SRC 4  
API:30-045-08528

## Well Plugging Report

### Cement Summary

**Plug #1** - (PC) with CIBP at 1855' spot 12 sxs (14.16 cf 15.7 PPG) Class B cement inside casing from 1855' to 1477' TOC. (Rev. TOC @ 1621') (BT #221=12sk)

**Plug #2** - (Ft) mix and pump 50 sxs (59 cf 15.7 PPG) Class B cement; squeeze 32 sxs outside casing and leave 18 sxs inside casing from 1593' to 1026' TOC. (BT #221=50sk)

**Plug #3** - (Kt) (Kt) mix and pump 91 sxs (107.38 cf 15.7 PPG) Class B cement, squeeze 84 sxs outside casing and leave 7 sxs inside casing from 770' to 600'. (BT #221=91sk)

**Plug #3A** - (Kt) Spot 12 sxs (14.16 cf 15.5 PPG) Class B cement inside casing from 723' to 433' TOC. (BT #221)

**Plug #4** - (Ojo Alamo) spot 154 sxs (181.72 cf 15.8 PPG) Class B cement inside casing from 612' to 443' TOC. SI w/ 400# PSI and WOC overnight.

**Plug #5** - (Surface) MSurface) spot 16 sxs (18.88 cf 15.7 PPG) Class B cement from 130' to 0' good cmt returns out casing valve. (BT #221=16sk)

**P&A marker** - mix and pump 40 sxs (47.2 cf) to top off casings and set P&A marker. (BT #221=40sk)

### Work Detail

#### PUX Activity

03/22/2017

- P Rode rig and equipment to location.
- P Spot in rig and equipment on location. Note: small location.
- P RU day light pulling unit. Perform Start Well/LOTO. Spot in equipment.
- P Check well pressures: tubing and casing 22 psi, intermediate casing 0 PSI. Note: No valve on B.H. RU relief lines and blow down well.
- P ND companion flange. NU WSI companion flange and BOP. Change over to 2 1/6" tubing equipment. Pull tubing hanger.
- P SI well. Secure location. Debrief. SDFD.
- P Travel back to yard.

03/23/2017

- P Travel to location.
- P HSM on JSA. Service and start equipment.
- P Check well pressures: casing and tubing 22 psi, intermediate casing 0 PSI. Note: No valve on B.H. RU relief lines and blow well down.
- P TOO and tally 56 joints 2 1/6" IJ tubing, 1842'.
- P Round trip 3.5" GR to 1865'. PU 3.5" W.L. CIBP and RIH; set @ 1855'.
- P TIH open ended to CIBP at 1855'. Establish circulation and circulate well clean with total 34 bbls of water. Pressure test casing to 800 PSI for 30 minutes; PT good.
- P Plug #1 (PC) with CIBP at 1855' spot 12 sxs (14.16 cf 15.7 PPG) Class B cement inside casing from 1855' to 1477' TOC. (Rev. TOC @ 1621')

- P PUH to 1621'. Reverse circulate well clean. TOOH with tubing.
- P Perforate 4 bi-wire squeeze holes at 1593'. Establish injection rate 2.5 bpm @ 800 PSI. J. Morales got approval not to run CR. Bullhead Plug #2 and WOC overnight with tag in a.m.
- P Plug #2 (Ft) mix and pump 50 sxs (59 cf 15.7 PPG) Class B cement; squeeze 32 sxs outside casing and leave 18 sxs inside casing from 1593' to 1026' TOC.
- P SI well. Drain pump and lines. Debrief. SDFD.
- P Travel back to yard.
- 03/24/2017
- P Travel to location.
- P HSM on JSA. Service and start equipment.
- P Open up well; no tubing or pressure. RU relief lines.
- P TIH and tag cement high at 645'. W.O.O. COP requested attempt to work down. Unable to get past 673'. W.O.O. COP requested to drill out to 780'.
- P Wait on drilling equipment.
- P Spot in drilling equipment. Tally A Plus 1 1/4" EUE tubing workstring. PU 2 3/4" 3 Blade bit, B.S., PU 22 joints and tag up at 776'. RU drilling equipment.
- P Drill from 776' to 783' and circulate well clean w/ 10 bbls of water. RD drilling equipment.
- P TOH with tubing and LD BHA.
- P Perforate 4 bi-wire squeeze holes at 770'. Establish injection rate of 1 bpm at 1500 PSI. W.O.O. COP requested run W.L. CR. PU 3.5" W.L. CR and RIH to 608'; unable to get deeper. Attempt to work past; unable to. POOH LD CR. PU 3.8" GR and attempt make past 608'; could not work past 608'. POOH and LD GR. RD W.L.
- P SI well. Secure loc. Debrief. SDFD.
- P Travel back to yard.
- 03/27/2017
- P Travel to location.
- P HSM on JSA. Service start equipment.
- P Open up well; no pressures. Note: no B.H. valve. Layout relief lines. Perform BOP function test.
- P W.O.O. J. Morales received approval not to use a CR on Plug #3. Note: NMOCD requires 50% excess in annulus due to Ojo Alamo formation.
- P Plug #3 (Kt) mix and pump 91 sxs (107.38 cf 15.7 PPG) Class B cement, squeeze 84 sxs outside casing and leave 7 sxs inside casing from 770' to 600'.
- P W.O.C. Per sample. Cement sample still green; J. Morales, COP representative required W.O.C. over night.
- P Secure location. Debrief. SDFD.
- P Travel back to yard.
- 03/28/2017
- P Travel to location.
- P HSM on JSA. Service and start equipment.
- P Open up well; no pressures. Note: B.H. does not have a valve. RU relief lines. Perform BOP function test.
- P TIH with tubing and tag TOC at 723'. Establish circulation w/ 2 bbls of water. Attempt to PT casing; bled down to 100 PSI in 1 minute.
- P Plug #3A (Kt) Spot 12 sxs (14.16 cf 15.5 PPG) Class B cement inside casing from 723' to 433' TOC.
- P PUH to 630'. Reverse circulate well to TOC @ 630'. TOH with tubing. SI well.
- P W.O.C. per cement sample.
- P TIH with tubing and tag TOC at 630'. TOH and LD tubing. load casing w/ 2 bbls of water.
- P Perforate 4 bi wire squeeze holes at 612'. SI well for 30 minutes. Check PSI: no

PSI on Csg. or B.H. Establish injection rate 4 bpm at 750 PSI. J. Morales received approval not to run CR on Plug #4.

P Plug #4 (Ojo Alamo) spot 154 sxs (181.72 cf 15.8 PPG) Class B cement inside casing from 612' to 443' TOC. SI w/ 400# PSI and WOC overnight.

P SI Well. Debrief. SDFD.

P Travel back to yard.

03/29/2017

P Travel to location.

P HSM on JSA. Service and start equipment.

P Open up well; no pressures. RU relief line to pit. Perform BOP function test.

P TIH and tag TOC at 510'; good tag. TOH and LD tubing.

P W.O.O. COP request run CBL from 500' to surface. Call for W.L.

P HSM w/ W.L. Run CBL from 500' to surface. Engineers to determine TOC. W.O.O. NMOCD request perforate 1 hole @ 50' and attempt to establish injection rate not going over 100 PSI.

P Perforate 1 bi-wire squeeze hole at 50'. Attempt to establish injection rate; pressured up to 100 PSI and bled down to 30 PSI in 5 minutes. J. Morales received approval to go 50' below perforations and circulate cement out casing valve and WOC.

P PU 4 joint tubing and TIH to 130'. Establish circulation with .5 bbls of water.

P Plug #5 (Surface) spot 16 sxs (18.88 cf 15.7 PPG) Class B cement from 130' to 0' good cmt returns out casing valve.

P TOH and LD tubing. RD tubing and work floor. ND BOP. NU W.H.

P SI well. Debrief. SDFD.

P Travel to yard.

03/30/2017

P Travel to location.

P HSM on JSA. Service and start equipment.

P Open up well; no pressures. RU relief lines to pit.

P Dig out W.H. Perform Hot Work Permit. Cutoff W.H. and found down 2' in casing and down 6' in annulus. Mix and pump 40 sxs (47.2 cf) to top off casings and set P&A marker.

P RD Daylight pulling unit. Secure location. MOL.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions