

# RECEIVED

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 16 2012

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

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No.

NMSF-078135

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

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

Huerfanito Unit

8 Well Name and No

Huerfanito Unit 71

9 API Well No.

30-045-06076

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

Surface Unit A (NENE), 660' FNL & 660' FEL, Sec.3, T26N, R9W

10 Field and Pool or Exploratory Area

Blanco MV / Basin DAK

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 recomple 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 recomple 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.)

4/11/12 Notified Brandon Powell/OCD (BLM on location) of CBL showing cmt from 4570' - 4735' from previous squeeze. Requested permission to perf @ 4857' and pump plug from 4857' - 4757'. OCD requested cmt retainer be set. Verbal approval received.

The subject well was P&A'd 4/19/12 per the above notification and attached report.

RCVD MAY 21 '12  
OIL CONS. DIV.  
DIST. 3

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

Dollie L. Busse

Title Staff Regulatory Technician

Signature

Date

5/16/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

ACCEPTED FOR RECORD

MAY 16 2012

FARMINGTON FIELD 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

## **A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \*fax: 505-325-1211

Burlington Resources  
**Huerfanito Unit #71**

April 19, 2012  
Page 1 of 3

660' FNL and 660' FEL, Section 3, T-26-N, R-9-W  
San Juan County, NM  
Lease Number: NMSF-078135  
API #30-045-06076

### **Plug and Abandonment Report** Notified NMOCD and BLM on 4/5/12

#### **Plug and Abandonment Summary:**

**Plug #1** with CR at 6515' pump 20 sxs (23.6 cf) Class B cement inside casing from 6515' to 6339' to cover the Dakota interval.

**Plug #1a** with CR at 6515' pump 40 sxs (47.2 cf) Class B cement inside casing from 6515' to 6162' to cover the Dakota interval.

**Plug #2** with CR at 5630' pump 66 sxs (77.88 cf) Class B cement inside casing from 5680 to 5478', squeeze 43 outside, 6 sxs below, 17 sxs on top to cover the Gallup top.

**Plug #3** with CR at 4794' pump 66 sxs (77.9 cf) Class B cement inside casing from 4857' to 4604' squeeze 43 sxs, 6 sxs below, 17 sxs with 2% Calc to cover the Mancos interval.

**Plug #3a & #4** with CR at 4794' spot 72 sxs (84.96 cf) Class B cement inside cement from 4794' to 4159' to cover the Mancos and Mesaverde perforations.

**Plug #5** with CR at 3724' pump 66 sxs (77.9 cf) Class B cement inside casing from 3771' to 3574' squeeze 43 sxs outside, 6 sxs below, 17 sxs on top of cement retainer to cover the Mesaverde top.

**Plug #6** with CR at 2151' pump 66 sxs (77.9 cf) Class B cement inside casing from 2205' to 2001', squeeze 43 sxs outside, 6 sxs below, 17 sxs on top of cement retainer to cover the Pictured Cliffs top.

**Plug #7** with CR at 1877' pump 66 sxs (77.9 cf) Class B cement inside casing from 1930' to 1727' squeeze 43 sxs, 6 sxs below, 17 sxs on top to cover the Fruitland top.

**Plug #8** with CR at 1448' pump 153 sxs (180.54 cf) Class B cement inside casing from 1500' to 1148' squeeze 113 sxs outside, 6 sxs below, 34 sxs on top to cover the Kirtland and Ojo Alamo tops.

**Plug #9** with 160 sxs (18.8 cf) Class B cement down 4.5" casing from 354' to surface.

**Plug #10** with 32 sxs (37.76 cf) Class B cement to install P&A marker.

#### **Plugging Work Details:**

4/5/12 Travel to location. Spot in rig and equipment. SI well. SDFD.

4/6/12 Travel to location. Mechanic changed out hydraulic pump. RU rig. SI well. SDFD

4/9/12 Check well pressures: casing 410 psi, tubing and bradenhead 0 psi. Lay out relief lines. Blow well down. Pump 30 bbls of water down tubing to kill well. ND wellhead. Install 4' 2 3/8 sub with 2" valve and NU BOP, test. POH and tally 108 stands, SN with notch collar 217 joints 2 3/8" EUE tubing 6644'. PU 5 1/2" watermelon mill with 4 3/4" cone bit and TIH with 106 stands. POH with 60 stands. SI well. SDFD.

4/10/12 Open up well; no pressures. POH with tubing and LD BHA. PU 5.5" Select Tools CR and RIH; set cement retainer at 6515'. Pressure test tubing to 1000 psi. Load 5 1/2" casing with 160 bbls of water; no circulation. Spot Plug #1. TOH an LD setting tool. RU Basin Wireline.

RIH and tag CR at 6515'. Possible no cement or green cement. Run CBL from 6515' to 2700'. Found some cement from 4600' to 4700'. RD wireline. SI well. SDFD.

**A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \*fax: 505-325-1211

Burlington Resources  
Huerfanito Unit #71

April 19, 2012  
Page 2 of 3

**Plugging Work Details Cont'd:**

- 4/11/12 Open up well; no pressures. RU A-Plus Wireline. RIH tag cement retainer at 6515'; no cement. POH and RD wireline (did not perforate due to plug #1 cement gone). TIH with 92 stands tag cement retainer at 6515'. Spot Plug #1a. PUH. SI well. SDFD.
- 4/12/12 Open up well; no pressures. TIH and tag TOC at 5620'. RIH and perforate 3 HSC holes at 5680'. PU 5 1/2" Select Tool cement retainer and RIH; set at 5630'. Spot Plug #2. TOH and LD stinger. SI well and WOC. SDFD.
- 4/13/12 Open up well; no pressures. RIH with wireline and tag TOC at 5204'. Perforate 3 HSC holes at 4857'. PU 1-5 1/2" Select Tool cement retainer and TIH; set at 4794'. Sting out and in; establish rate at 1 bpm at 1200 psi. Spot Plug #3. TOH and WOC. RIH with 5 1/2" wireline gauge ring and tag at 4352'; worked down to 4356'. POH. RIH with 3 1/8 HSC gun only; tag cement retainer at 4794'. POH and found green cement on gun. SI well and WOC. SDFD.
- 4/16/12 Open up well; no pressures. PU 1-5 1/2" watermelon mill and TIH with tubing; tag cement retainer at 4794' (no cement). TOH and LD BHA. TIH with open ended tubing and tag CR at 4794'. Load casing with 25 bbls of water and circulate clean with total of 105 bbls of water. Circulate oil and some watered down cement. Spot Plug #3a and Plug #4 combined. TOH with tubing. SI well and WOC. SDFD.
- 4/17/12 Open up well; no pressures. Pressure test casing to 800 psi. RIH with wireline and tag TOC at 4137'. Perforate 3 HSC holes at 3771'. Establish rate at 1 1/2 bpm at 1250'. PU 5 1/2" Select Tools cement retainer and TIH; set cement retainer at 3724'. Sting out. Load casing with 2 bbls of water; sting in same rate. Spot Plug #5. TOH with tubing. RU Basin Wireline. Run CBL from TOC to surface. No cement behind casing. RD wireline. RU A-Plus Wireline. RIH and tag TOC at 3569'. perforate 3 HSC holes at 2205'. Establish rate 2 bpm at 200 psi. PU 5 1/2" Select Tool cement retainer and TIH; set cement retainer at 2151'. Sting out and load casing. Spot Plug #6. TOH with tubing and LD stinger. SI well. SDFD.

## **A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \*fax: 505-325-1211

---

Burlington Resources

**Huerfanito Unit #71**

April 19, 2012

Page 3 of 3

### **Plugging Work Details Cont'd:**

- 4/18/12 Open up well; no pressures. RIH with wireline and tag TOC at 2020'. Perforate 3 HSC holes at 1930'. Establish rate at 1 ½ bpm at 1250'. PU 5 ½ Select Tool cement retainer and TIH; set cement retainer at 1877'. Load casing with 2 1/2 bbls. Spot Plug #7. TOH with tubing and LD stinger. Perforate 3 HSC holes at 1500'. Establish rate 2 bpm at 1000 psi. PU 5 ½ Select Tool cement retainer and TIH; set cement retainer at 1448'. sting out load casing with 1 ½ bbl; sting in same rate. Spot Plug #8. TOH and LD tubing with stinger. Perforate 3 squeeze holes at 354'. Spot Plug #9. SI well. SDFD.
- 4/19/12 Open up well; no pressures. ND BOP. Dig out wellhead. Found cement at surface in both casings. Issue Hot Work Permit. Cut off wellhead. Spot Plug #10 and install P&A marker. RD and MOL.

Jim Yates, Synergy representative, was on location.

Bill Diers, BLM representative, was on location.