

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.

NMSF-078387

6. If Indian, Allottee or Tribe Name

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.

Howell D 4

2. Name of Operator

Burlington Resources Oil & Gas Company LP

9. API Well No.

30-045-10139

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

10. Field and Pool or Exploratory Area

Blanco Mesaverde

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

Surface Unit G (SWNE), 1650' FNL & 1650' FEL, Sec. 33, T31N, R8W

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 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.)

11/17/12 Notified Jim Lovato/BLM & Brandon Powell/OCD of plug change. Requested permission to run inside plug from 3194' to 3044'. Verbal approval rec'vd.

11/20/12 Notified Brandon Powell/OCD (M.Gilbreth/BLM onsite). Request permission to combine Plugs 6&7. Verbal approval rec'vd.

11/21/12 Notified Brandon Powell/OCD (M.Gilbreth/BLM onsite). Pressured up, held, can't pump through. Requested permission to perf @ 215', 50' above shoe, and pump cmt. If doesn't work will use 1" and fill up w/cmt. Verbal approval rec'vd.

The subject well was P&A'd on 11/26/12 per the notifications above and the attached report.

**RCVD DEC 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

Dollie L. Busse

Date

12/19/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED FOR RECORD

Approved by

DEC 19 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.

Title

Office

FARMINGTON FIELD OFFICE
BY [Signature]

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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Burlington Resources
Howell D #4

November 27, 2012

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1650' FNL and 1650' FEL, Section 33, T-31-N, R-8-W
San Juan County, NM
Lease Number: NMSF-078387
API #30-045-10139

Plug and Abandonment Report
Notified NMOCD and BLM on 11/12/12

Plug and Abandonment Summary:

- Plug #1** with 40 sxs (47.2 cf) Class B cement inside casing from 5278' to 4751' to cover the Mesaverde top and intermediate casing shoe.
- Plug #2** with 20 sxs (23.6 cf) Class B cement with 2% CaCl inside casing from 3935' to 3672' to cover the Chacra top.
- Plug #3** with 20 sxs (23.6 cf) Class B cement inside casing from 3210' to 2947' to cover the Pictured Cliffs top.
- Plug #4** with 24 sxs (28.32 cf) Class B cement inside casing from 2963' to 2647' to cover the Fruitland top.
- Plug #5** with 135 sxs (159.3 cf) Class B cement inside casing from 2151' to 1768', squeeze 72 sxs outside, 33 sxs in 4.5" x 7", 4 sxs below, 26 sxs on top of CR to cover the Kirtland and Ojo Alamo tops.
- Plug #5a** with 64 sxs (75.52 cf) Class B cement inside casing from 2110' to 1267' to cover the Kirtland and Ojo Alamo tops.
- Plug #6 (combined #6 & #7)** with 117 sxs (138.06 cf) Class B cement inside casing from 693' to surface to cover the Nacimiento and surface casing shoe.
- Plug #8** with 72 sxs Class B cement found cement in 4.5" full, down 30' in 4.5" x 7" casing 30' and 6' down annulus and install P&A marker.

Plugging Work Details:

- 11/13/12 Road rig and equipment to location. RU. Check well pressures: tubing 165 PSI, casing 105 PSI and bradenhead 0 PSI. Dig out intermediate valve. X-over to rod tools. Blow down well. PU on rods. Unseat pump. LD 1 polish rod, 1-4, 1-6' 1-8 3/4 pony rod 110 3/4 guided rods 103 3/4 plain rods, 1-3/4 guided rod, 1- sinker bar and 1 pump. ND wellhead. NU BOP. SI well. SDFD.
- 11/14/12 Check well pressures: tubing 160 PSI, casing 160 PSI and bradenhead 0 PSI. Pressure test BOP to 300 PSI. Pump 20 bbls of fresh water down tubing to kill well. PU on tubing, LD hanger. POH and tally 85 stands, LD 2 joints, SN 1-10', 1-6' sub, 1-6' perf sub, 1 joint. Total tally 173 joints 2-3/8" EUE tubing (5421'). PU 1-4.5" A-Plus watermelon mill, 1 stand, 1-4' marker joint. TIH with 84 stands to 5330'. POH and LD tubing with mill. PU 4.5" Select Tool CR TIH and set at 5278'. Attempt to pressure test tubing, no test. Circulate well clean. Attempt to pressure test casing, pipe ram rubber leaking. SI well. SDFD.
- 11/15/12 Open up well; no pressures. TIH and LD setting tool. Pressure test casing to 800 PSI. Bled down to 100 PSI. Attempt 3 to 4 times. Change out pipe ram rubber. PU tubing hanger. Pressure test spool and pipe rams to 300 PSI, OK. RU Basin Wireline. Ran CBL from 5278' to surface. Found cement from 5278' to 3120'. No cement from 3120' to 1520'. Pressure test tubing to 1000 PSI, OK. SI well. SDFD.

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Plugging Work Details (continued):

- 11/16/12 Open up well; no pressures. Pressure test tubing while TIH. Found hole in tubing change out. Pressure test tubing to 1000 PSI, OK. TIH. RU fishing tools. RIH and pull standing valve. RD fishing tool. Wait on orders. M. Gilbreath, BLM, B. Powell, NMOCD and J. Yates, COPC approved procedure change. Spot plug #1 with estimated TOC at 4751'. SI well. WOC. SDFD.
- 11/17/12 Open up well; no pressures. TIH. Tag top of cement at 4730'. PUH. Attempt to pressure test casing, small leak. Spot plug #2 with estimated TOC at 3672'. SI well and WOC. TIH and tag cement at 3615'. PUH. Spot plug #3 with estimated TOC at 2947'. SI well. WOC. SDFD.
- 11/19/12 Open up well; no pressures. TIH and tag cement at 2963'. LD tubing to 2837'. Pressure test casing, small leak. Perforate 3 HSC holes at 2867'. Attempt to establish rate, leak. Pressured up to 1000 PSI 2 times, same leak. Wait on orders. B. Powell, NMOCD and M. Gilbreath, BLM approved procedure change. Spot plug #4 with estimated TOC at 2647'. SI well. WOC. SDFD.
- 11/20/12 Open up well; no pressures. TIH and tag top of cement at 2660'. LD tubing to 2075'. Attempt pressure test, same small leak. Perforated 3 HSC holes at 2151'. Establish rate thru squeeze holes at 1 bpm at 800 PSI. PU 1 Select Tool 4.5" CR set at 2110'. TIH tubing started blowing, pump 30 bbls fresh water and establish circulation out casing. Establish rate at 1 bpm at 500 PSI. Spot plug #5 with estimated TOC at 1768'. Note: Had pressure at 100 PSI on 4.5" casing. Pressured up to 600#. PU tubing to top of CR and circulate casing clean. Casing continued blowing gas. Circulate well clean. Spot plug #5a with estimated TOC at 1267'. SI well. SDFD.
- 11/21/12 Open up well; no pressures. Pressure test casing to 800 PSI, no test leak. B. Powell, NMOCD and J. Yates, COPC approved procedure change. Perforate 3 HSC holes at 314'. Attempt to establish circulation out bradenhead. Pressure up to 1000 PSI. Pump fresh water down casing and bradenhead pressure up to 300 PSI, held. B. Powell, NMOCD and J. Yates, COPC approved procedure change. Perforate 3 HSC holes at 214'. Establish circulation. TIH to 693'. Spot plug #6 with TOC at surface. Circulated good cement out casing and bradenhead. LD all tubing. Squeeze 12 sxs and SI well with 500# pressure. SDFD.
- 11/26/12 Attempt to check pressure, valves cemented up. Remove valve slowly, no pressure. Attempt to pull tubing hanger, cemented up. Dig out wellhead. Wait on backhoe. Found cement at 4' deep. Monitor wellhead. Cut off wellhead. Found cement in 4.5" full, down 30' in 4.5" x 7" casing 30' and 6' down annulus. Spot plug #8 and install P&A marker. SDFD.
- 11/27/12 Travel to location. RD & MOL.

Jim Yates, COPC representative, was on location.
Mike Gilbreath, BLM representative, was on location.