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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 09 2012

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010Farmington Field Office
Bureau of Land Management

5. Lease Serial No.

SF-079037

6. If Indian, Allottee or Tribe Name

RCVD NOV 21 '12
OIL CONS. DIV.**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.

DIST. 3

8. Well Name and No.

Hale 4

9. API Well No.

30-045-10119

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

Surface Unit H (SENE), 2055' FNL & 405' FEL, Sec. 34, 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.)

9/24/12 Notification to Jim Lovato/BLM & Brandon Powell/OCD. C/O pump plug, got stuck. Hole in csg @ 1296', milled out 1 1/2'. No circ w/fill, losing circ when cleaning above DK. Request permission to spot balance plug #1 on top & proceed. WOC.

10/01/12 Notified B.Powell/OCD (R.Chavez/BLM onsite). Request perm to set inside/outside plug 5 @ 4167'-4067'. Verbal okay.

10/03/12 Notified B.Powell/OCD (R.Chavez/BLM onsite). Request perm to split plug 5 (PC/FC) into 2 plugs in order to protect Basal Coal form. PC: 3188'-3088', FC: 2861'-2711'. Verbal okay. Liner top @ 4125', Chacra 3800'-3900'. CR set @ 3841', pumped 8-9bbls fluid cmt, locked up. Request perm to set inside plug. Verbal okay.

10/04/12 Notified B.Powell/OCD (R.Chavez/BLM onsite) re split plug 6. 3188'-3088' perf'd @ 3188', set CR @ 3176', est circ @ 2bbls min/1500#. Stung out of CR, pumped tbg capacity, stung back in & it locked up. Request perm to lay down jts to try to reverse out for next plug @ 2861'-2711'. Verbal approval rec'vd.

10/08/12 Notified B.Powell/OCD (R.Chavez/BLM onsite). Pumped FC plug 10/5; tagged 140' high. Stung into CR, est rate @ 2bbls/1000#, suicide sqz, went around CR. Verbal approval rec'vd.

The subject well was P&A'd on 10/11/12 per the above notifications and the attached report.

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

Dollie L. Busse

Title Staff Regulatory Technician

Signature

Date

11/9/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

ACCEPTED FOR RECORD

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

NOV 19 2012

Office

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)

NMOCDA

A-PLUS WELL SERVICE, INC.

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

Burlington Resources
Hale #4

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2055' FNL and 405' FEL, Section 34, T-31-N, R-8-W
San Juan County, NM
Lease Number: SF-079037
API #30-045-10119

Plug and Abandonment Report Notified BLM and NMOCD on 9/13/12

Plug and Abandonment Summary:

- Plug #1** with 28 sxs (33.04 cf) Class B cement inside casing from 7449' to 7090' to cover the Dakota top.
- Plug #1a** with 23 sxs (27.14 cf) Class B cement inside casing from 7438' to 7135' to cover the Dakota top.
- Plug #1b** with 23 sxs (27.14 cf) Class B cement inside casing from 7438' to 7135' to cover the Dakota top.
- Plug #2** with 23 sxs (27.14 cf) Class B cement inside casing from 6527' to 6224' to cover the Gallup top.
- Plug #2a** with 12 sxs (14.16 cf) Class B cement inside casing from 6434' to 6276' to cover the Gallup top.
- Plug #2b** with 23 sxs (27.14 cf) Class B cement inside casing from 6434' to 6131' to cover the Gallup top.
- Plug #3** with 24 sxs (28.32 cf) Class B cement inside casing from 5774' to 5458' to cover the Mancos top.
- Plug #4** with 27 sxs (31.86 cf) Class B cement inside casing from 4983' to 4583' to cover the Mesaverde top and Whipstock.
- Plug #5** with 24 sxs (28.32 cf) Class B cement inside casing from 4175' to 4002' to cover the 4.5" casing top.
- Plug #6** with 24 sxs (28.32 cf) Class B cement inside casing from 3841' to 3717' to cover the Chacra top.
- Plug #7** with 61 sxs (71.98 cf) Class B cement, mix 52 sxs and sting in CR, mix 9 sxs (61 sxs total) when displacing got 0.5 bbl locked up at 1750 PSI. Sting out and put cement above CR TOC at 2860' to cover the Pictured Cliffs.
- Plug #8** with 64 sxs (75.52 cf) Class B cement from 2866' to 2625', squeeze 27 sxs outside, 5 below CR and 32 sxs above CR to cover the Fruitland top.
- Plug #9** with 62 sxs (73.16 cf) Class B cement with 2% CaCl inside casing from 2119' to 1799' to cover the Kirtland and Ojo Alamo top.
- Plug #9a** with 20 sxs (23.6 cf) Class B cement inside casing from 1869' to 1766' to cover the Kirtland and Ojo Alamo top.
- Plug #10** with 56 sxs (66.08 cf) Class B cement from 670' to 517' with 26 sxs outside, 5 sxs below and 25 sxs above to cover the Nacimiento top.
- Plug #11** with 127 sxs (149.86 cf) Class B cement from 278' to surface circulate good cement out casing and annulus.

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Plug #12 with 45 sxs Class B cement found cement down 15' in 7" casing and down 3' in annulus and install P&A marker.

Plugging Work Details:

9/14/12 Rode rig and equipment to location. SDFD.

9/17/12 Spot in rig and RU. Check well pressures: tubing 0 PSI, casing 100 PSI, 7" casing 100 PSI and bradenhead 0 PSI. ND wellhead and NU BOP. Pull tubing hanger. PU 6' tag fill at 7343'. PUH to 3014'. SI well. SDFD.

9/18/12 Monthly Safety Meeting.

9/19/12 Travel to location. RU Basic Air Package. RU 3" hard line to flow. Check well pressures: tubing, on vacuum, 4.5" casing 50 PSI, 7" casing on vacuum and bradenhead 0 PSI. Pressure test Basic hardline. TIH to 4261' and unload well at 900 PSI. TIH with 20 stands to 4261' unload well. TIH with 20 stands unload well at 5513'. Basic Air package down. TOH with 30 stands to 3639'. SI well. SDFD.

9/20/12 Check well pressures: tubing 240 PSI, casing 110 PSI, 7" casing 35 PSI and bradenhead 0 PSI. RU relief lines. RU Basic Air unit, pressure test lines OK. TIH to 4888'. Attempt to unload air package, pressured up. Unload well with air. TIH to 7337'. PU joint with tubing Swivel and valve joint. Attempt to unload air unit. Pressure up pass by air pump. Attempt to unload pressure up. Unload well clean out to 7368' to make connection, air package pressure up. Unload well clean out to 7400' broke through at 7390'. Make connection. Unload well to 7431'. Make connection tag CIBP at 7450'. Pump 20 bbl of fresh water to kill well. Spot plug #1 with TOC at 7090'. TOH and WOC overnight. SI well. SDFD.

9/21/12 Check well pressures: tubing 0 PSI, 4.5" casing 120 PSI, 7" casing 30 PSI and bradenhead 0 PSI. RU relief lines. TIH and tag CIBP with no cement. Pressure up on tubing, tubing plug off. J. Cole, COPC approved procedure change. No BLM on location. RU Phoenix Slick Line. RIH with .190 gauge ring impression block tag up at 4137'. Could not work past. POH. RIH with perf gun. Shot at 6378'. RD slick line. TOH with 102 stands joint #205 had a hole. LD 18 joints of cement. 2-3/8 last 6 joints were clear. PU 6 joints stand back 3 stands with total 105. Tally and TIH with 4' tag sub and 1 stand, 2' marker, 55 stands to 3343'. SI well. SDFD.

9/22/12 Check well pressures: tubing 0 PSI, 4.5" casing 70 PSI, 7" casing 60 PSI and bradenhead 0 PSI. Function test BOP. Tally and TIH with 25 stands. Elevators broke at 5199'. Install new elevators. Continue to TIH with 25 stands and tally. A-Plus work string tag up on joint #29 15' in. Screw into fish. PU and have fish. TOH with 119 stands. Fish fell back in 97'. SDFD.

9/24/12 Check well pressures: no tubing, 4.5" casing 75 PSI, 7" casing 80 PSI and bradenhead 0 PSI. Tally. PU 3-7/8" flat bottom mill and bit sub. TIH. RU Basic Air package. Unload well. TIH and tag 5' at 7327'. Kill well. Attempt to mill on fish would not clean out around would not mill on fish, just turning down well. RD swivel and drilling equipment. PU tubing equipment. TOH with 119 stands and 1 joint, LD sub bit and mill. SI well. SDFD.

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Plugging Work Details (continued):

- 9/25/12 Check well pressures: no tubing in well, 4.5" casing 40 PSI, 7" casing 25 PSI and bradenhead 0 PSI. PU 4" tag sub and TIH. Tag top of fish at 7438'. RIH with sandline found fluid level at 5500' POH. Attempt to use pump #360 pump leaks RD. Pump 5 bbls down tubing. Spot plug #1a with TOC at 7135'. Pump tubing cap, flush tubing 18 bbls of water. WOC. TIH and tag cement at 7430'. All the way back to bottom lost all cement. LD joints and PU 10' sub to 7437'. Spot plug #1b with TOC at 7135'. PUH to 4645'. SI well. SDFD.
- 9/26/12 Check well pressures: tubing 0 PSI, 4.5" casing 50 PSI, 7" casing 25 PSI and bradenhead 0 PSI. TIH and tag TOC at 7260'. Tag good. RU sandline to find fluid level at 1500'. POH. Spot plug #2 with TOC at 6224'. Pump tubing cap make sure tubing clean. WOC. TIH with 24 stands. PU 7 joints 20' on #7 joint tag TC at 6434'. 8' short LD #7 joint with total 55 joints on float. PU 20' subs to 6434'. RD tong and RU sandline with tools. RIH and tag fluid at 1500'. R. Chavez, BLM and R. Trujillo, COPC approve procedure change. Spot plug #2a with TOC at 6276'. TOH to 4690'. SI well. SDFD.
- 9/27/12 Check well pressures: tubing 0 PSI, 4.5" casing 50 PSI, 7" casing 30 PSI and bradenhead 0 PSI. TIH and tag at 6434'. Same tag as day before. RU Sandline tools to find fluid level to 1500'. Spot plug #2b with TOC at 6131'. Shut in well. WOC. TIH with 22 stands. PU 6 joints on #6 tag 12' in tag top of cement at 6319'. LD 16 joints total of 65 joints on float to 5774'. RD tong and RU sandline with tools. Find fluid level at 1300' POH. LD sandline tools and RU tong and tubing to pump. Spot plug #3 with TOC at 5458'. PUH to 469'. SI well. SDFD.
- 9/28/12 Check well pressures: tubing 0 PSI, 4.5" casing 60 PSI, 7" casing 50 PSI and bradenhead 0 PSI. TIH and tag top of cement at 5569'. PU 4.5" string mill TIH to 4970'. TOH with A-Plus 4.5" string mill. PU 4.5" DHS CR TIH to 4938' and set CR. Establish circulation. Attempt pressure test casing, leak, 3 bpm at 750 PSI. Spot plug #4 with TOC at 4583'. PUH to 3390'. WOC. SI well. SDFD.
- 10/1/12 Check well pressures: tubing 0 PSI, 4.5" casing 0 PSI, 7" 160 PSI and bradenhead 0 PSI. TIH and tag cement at 4621'. ND BOP, 4.5" casing cross over. RU to 7" started to circulate out of casing. RU Knight Oil tool. Pulled 80,000 to get 4.5" casing up to slips, 3/4" plate above slips had to be cut with cutting torch. WSI filled out Hot Work Permit. Monitor for gas. Bradenhead 6 ppm of LEL. Stacked out 4.5" casing released 4.5 spear. NU BOP. RU Wireline Specialties. PU free point tool, RIH to 3802' free, 4215' 75% free, 4157' 80 % free, 4115' 94-96% free. B. Powell, NMOCD and R. Chavez, BLM and R. Trujillo, COPC approved procedure change. PU 3-1/8 jet cutter. RIH to 4115'. Pull 4.5" casing to slips. LD 15' cut casing. SI well. SDFD.
- 10/2/12 Open up well; no pressures. RU San Juan Casing crew. LD 70 - 4.5" joints on float #95. Swap out floats to #117. LD 58 joints 4.5" casing to 10' cut joint with total 128 joints. 4.5" casing between 2 floats RD casing crew. RU 2-3/8" tubing equipment. TIH to 4175'. Establish circulation. Found leak on wellhead, tighten. Spot plug #5 with TOC at 4002'. PUH and WOC. SI well. SDFD.

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Plugging Work Details (continued):

- 10/3/12 Open up well; no pressures bradenhead on vacuum. PU 7" A-Plus string mill. TIH and tag cement at 4034'. Attempt to circulate well clean. Attempt to pressure test casing, no test leak 3 bpm at 500 PSI. Perforated 3 HSC holes at 3900'. PU 7" DHS CR TIH with 61 stands to 3851'. Set while pulling up to set CR. CR was dragging up hole. Set 10' higher at 3841'. Establish circulation. Shut in casing. Establish rate of 2 bbls a min at 800 PSI. Went to do plug mix 8 sxs went to pump away pressure up. Tried to sting out pressure did not drop bleed off pressure push down 8" down. Attempt to pump pressure up, stung out pressure drop. Could not get rate into hole below CR sting out load and establish circulation. S. Mason, BLM and B. Powell, NMOCD approved procedure change. Establish circulation. Spot plug #6 with TOC at 3717'. TOH and LD setting tool. TIH with 39 stands. SI well. SDFD.
- 10/4/12 Open up well; no pressures. TIH. Tag cement at 3733'. Perforate 3 HSC holes at 3188'. TIH with 7" DHS CR and set at 3176'. Establish rate of 2 bpm at 1500 PSI. R. Chavez, BLM and J. Cole, COPC approved procedure changes. Spot plug #7 with TOC at 2860'. Reverse cement out with 22 bbls. TOH 46 stands, LD setting tool. TIH to 1515'. SI Well. SDFD.
- 10/5/12 Open up well; no pressures. TIH and tag cement at 2880'. Perforate 3 HSC holes at 2866'. TIH and set CR at 2841'. Establish circulation. Sting into CR and establish rate of 3 bpm at 900 PSI. Spot plug #8 with TOC at 2625'. WOC. TOH and LD setting tool. SI well. SDFD.
- 10/8/12 Open up well; no pressures. TIH tag cement at 2535'. TOH and LD tubing. Shut in casing. Establish rate of 3 bpm at 250 PSI. Perforate 3 HSC holes at 2145'. TIH and set CR at 2120'. Attempt to pressure test casing, no test. Sting into CR pressure. Pressured up. Ratty cement 935' to surface. Wait on orders. RU Black Warrior wireline. Ran CBL from 2110' to surface. TOC at 935'. SDFD.
- 10/9/12 Open up well; no pressures. B. Powell, NMOCD, R. Chavez, BLM and R. Trujillo, COPC approved procedure change. Establish circulation. Spot plug #9 with TOC at 1799'. WOC. TIH and tag cement at 1869'. Attempt to pressure test, leak. Pump 2.0 bpm at 500 PSI. Spot plug #9a with TOC at 1766'. PUH to 502'. SI well. SDFD.
- 10/10/12 Open up well; no pressures. TIH and tag cement at 1793'. Perforated 3 HSC holes at 670'. PU 7" DHS CR and set at 646'. Pump and establish circulation. Pressure test casing to 800# for 10 min. Sting into CR and establish rate of 2 bpm at 500 PSI. Spot plug #10 with TOC at 517'. Perforated 3 HSC holes at 278'. Establish circulation. Spot plug #11 with TOC at surface. SI well. SDFD.
- 10/11/12 Open up well; no pressures. ND BOP. Dig out wellhead. Perform Hot Work Permit. Monitor well for gas. Cut wellhead. Found cement down 15' in 7" casing and down 3' in annulus. Spot plug #12 and install P&A marker. RD & MOL.

Ron Chavez, BLM representative, was on location.

Johnny Cole and Robert Trujillo, COPC representative, were on location.