

OIL CONS. DIV DIST. 3

Form 3160-5  
(August 2007)

MAY 01 2015

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV DIST. 3

MAY 01 2015

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2019

RECEIVED  
APR 24 2015  
Farmington Field Office  
Bureau of Land Management

**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. <b>Huerfano Unit</b>
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company LP</b>		8. Well Name and No. <b>Huerfano Unit 304E</b>
3a. Address <b>PO Box 4289, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>(505) 326-9700</b>	9. API Well No. <b>30-045-34725</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit M (SWSW) 670' FSL &amp; 800' FWL, Sec. 4, T25N, R10W</b>		10. Field and Pool or Exploratory Area <b>Basin Dakota</b>
		11. Country or Parish, State <b>San Juan New Mexico</b>

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.)

Contacted BLM & OCD for change of plans on the procedure used to plug and abandon this well. CBL showed TOC @ 1190' with ratty cement to 1000'. Wanted to split plug 6 into 2 parts. Wanted to set inside only plug from 1008' to 1108' to cover Kirtland. Then reverse out. Run in & perf @ 980', set CR @ 940' (or closer if cAn to perms) & do and inside outside plug from 871' - 990' (100% excess for outside and 50' excess on inside plug). Permission was given by Troy Salyers (BLM) and Brandon Powell (OCD) on 4/9/15. ✓

4/10/15 Perf'd @ 990' with no injection. Pressured up right away & had a slow leak off. BLM said to move up to 971' & perf. If that didn't resolve the issue to set a balance plug all the way across & tag. Verbal approval was given by Brandon Powell for this change.

**ACCEPTED FOR RECORD**

Attached find the procedure used to abandon this well. The Huerfano Unit 304E was plugged and abandoned on 4/13/15.

APR 29 2015

FARMINGTON FIELD OFFICE  
BY: TL Salyers

Approved as to plugging  
of the well bore. Liability  
under bond is retained until  
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>PATSY CLUGSTON</b>	Staff Regulatory Technician <b>STAFF REGULATORY TECHNICIAN</b>
Signature 	Date <b>4/23/2015</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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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.

NMOCDA 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)

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Burlington Resources  
Huerfano Unit #304E

April 13, 2015

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670' FSL and 800' FWL, Section 4, T-25-N, R-10-W  
San Juan County, NM  
Lease Number: SF-078124  
API #30-045-34725

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 4/7/15

## Plug and Abandonment Summary:

- Plug #1** with existing CIBP spot 12 sxs (14.16 cf) Class B cement inside casing from 5413' to 5255' to cover the Gallup top. ✓
- Plug #2** with 12 sxs (14.16 cf) Class B cement inside casing from 4601' to 4443' to cover the Mancos top. ✓
- Plug #3** with 12 sxs (14.16 cf) Class B cement inside casing from 2773' to 2615' to cover the Mesaverde top. ✓
- Plug #4** with 13 sxs (15.34 cf) Class B cement inside casing from 2329' to 2158' to cover the Chacra top. ✓
- Plug #5** with 34 sxs (40.12 cf) Class B cement inside casing from 1884' to 1436' to cover the Fruitland and Pictured Cliffs tops. ✓
- Plug #6** with 12 sxs (14.16 cf) Class B cement inside casing from 1150' to 992' to cover the Kirtland top. ✓
- Plug #7** with squeeze holes at 990', 971' and CR at 928' mix and pump 51 sxs (60.18 cf) Class B cement from 971' to 823' with 39 sxs in annulus, 4 sxs below and 8 sxs above CR to cover the Kirtland and Ojo Alamo tops. ✓
- Plug #8** with squeeze holes at 374' and CR at 327' mix and pump 150 sxs (177.00 cf) Class B cement from 374' to surface with 4 sxs below CR, 25 sxs above CR and 121 sxs in annulus to cover the surface casing shoe and surface. Tag TOC at 5'. ✓
- Plug #9** with 20 sxs Class B cement top off casings and weld on P&A marker with coordinates 36° 25' 29" N / 107° 54' 29" W. ✓

## Plugging Work Details:

- 4/8/15 Rode rig and equipment to location. Rig driveline broke. SDFD.
- 4/9/15 Spot in rig and RU. Bump test H2S equipment. Open up well; no tubing and no pressures. RU relief lines. ND wellhead. RU Well Check pressure equipment. NU kill spool and BOP. Pressure test blind and pipe rams 2-3/8" to 300 PSI and 1300 PSI. Pull tubing hanger. RD Well Check. RU A-Plus wireline. RIH with 4-1/2" GR to 6200' and tag existing CIBP. POH. Ran CBL from 6200' to surface, found TOC at 990'. ✓ PU and tally 171 jnts 2-3/8" tubing tally total 5413'. Establish circulation. Pressure test casing to 800 PSI, OK. ✓ Spot plugs #1, #2 and #3. SI well. SDFD.
- 4/10/15 Bump test H2S equipment. Open up well; no pressures. Function test BOP. Spot plugs #4 and #5. Note: Due to CBL J. Morris, COPC, BLM and NMOCD approved procedure change. Spot plug #6 with calculated TOC at 992'. Reverse circulate with 5 bbls. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 990'. Note: COPC request to perforate 3 squeeze holes. Attempt to establish rate, pressured up to 1200 PSI. Perforate 3 HSC squeeze holes at 971'. Establish rate of 1 bpm at 1000 PSI. PU 4-1/2" DHS CR and set at 928'. Establish circulation. Establish rate of 1 bpm at 1100 PSI. Spot plug #7 with calculated TOC at 823'. RU A-Plus wireline. Perforate 4 HSC squeeze holes at 374'. Establish circulation. PU 4-1/2"

DHS CR and set at 327'. Spot plug #8 with TOC at surface. SI well. SDFD.

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Burlington Resources  
Huerfano Unit #304E

April 13, 2015  
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**Plugging Work Details (continued):**

4/13/15 Bump test H2S equipment. Open up well; no pressures. Tag TOC at 5'. Dig out wellhead. RU High Desert. Cut off wellhead. Found cement at surface in 4-1/2" casing and down 3' in annulus. Spot plug #9 top off casings and weld on P&A marker with coordinates 36° 25' 29" N / 107° 54' 29" W. RD and MOL.

Jim Morris, MVCI representative, was on location.

Walter Gage, BLM representative, was on location. ✓