

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

DEC 1 2014

54 Lease Serial No.

SF-078124

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

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

Huerfano Unit

8. Well Name and No.

Huerfano Unit 304E

2. Name of Operator

Burlington Resources Oil & Gas Company LP

9. API Well No.

30-045-34725

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

10. Field and Pool or Exploratory Area

Basin Dakota

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

Surface Unit M (SWSW) 670' FSL & 800' FWL, Sec. 4, T25N, R10W

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 checked="" 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 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.)

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance onsite was held on 12/11/14 with Bob Switzer/BLM. A Closed Loop system will be utilized for this P&A.

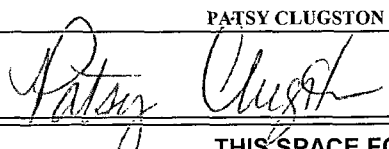
OIL CONS. DIV DIST. 3

JAN 02 2015

Notify NMOCD 24 hrs
prior to beginning
operations

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
PATSY CLUGSTON	Title STAFF REGULATORY TECHNICIAN
	Date 12/17/2014
Signature	Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Troy Salvors	PE	12/29/2014
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	
	FFO	

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)

IMMOCD KC

2/10/5

ConocoPhillips
HUERFANO UNIT 304E
Expense - P&A

Lat 36° 25' 28.797" N

Long 107° 54' 26.903" W

PROCEDURE

This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact the Wells Engineer.**
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger
5. PU 3-3/4" bit and watermelon mill on 2-3/8" workstring and round trip as deep as possible above cement plug at 6,200'.
6. RU wireline and run CBL with 500 psi on casing from CIBP to surface to identify TOC. Adjust plugs as necessary for new TOC. Email copy to Troy Salyers (BLM) at tsalyers@blm.gov upon completion of logging operations.
7. Set a wireline set plug in tubing to pressure test. Pressure test tubing to 1000 psi. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

See COA

8. Plug 1 (Gallup formation, 5,191'-5,291', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top. PUH.

See COA

9. Plug 2 (Mancos formation, 4,532'-4,632', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mancos formation top. PUH.

See COA

10. Plug 3 (Mesaverde formation, 3,318'-3,418', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde formation top. PUH.

11. Plug 4 (Fruitland and Pictured Cliffs formations, 1,484'-1,875', 33 Sacks Class B Cement)

Mix 33 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland and Pictured Cliffs formation tops. POOH.

See COA

12. Plug 5 (Ojo Alamo and Kirtland formations, 820'-1,039', 107 Sacks Class B Cement)

RIH and perforate 3 squeeze holes at 1,039'. Establish injection rate into squeeze holes. RIH w/ 4-1/2" CR and set at 989'. Mix 107 sx Class B cement. Squeeze 86 sx outside the casing, leaving 21 sx inside the casing to cover the Ojo Alamo and Kirtland formation tops.

13. Plug 6 (Surface Casing Shoe and Surface, 0-374', 236 Sacks Class B Cement)

RU WL and perforate 4 big hole charge (if available) squeeze holes at 374'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 4-1/2" CR and set at 324'. Mix 208 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 324'. Mix 28 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

14. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

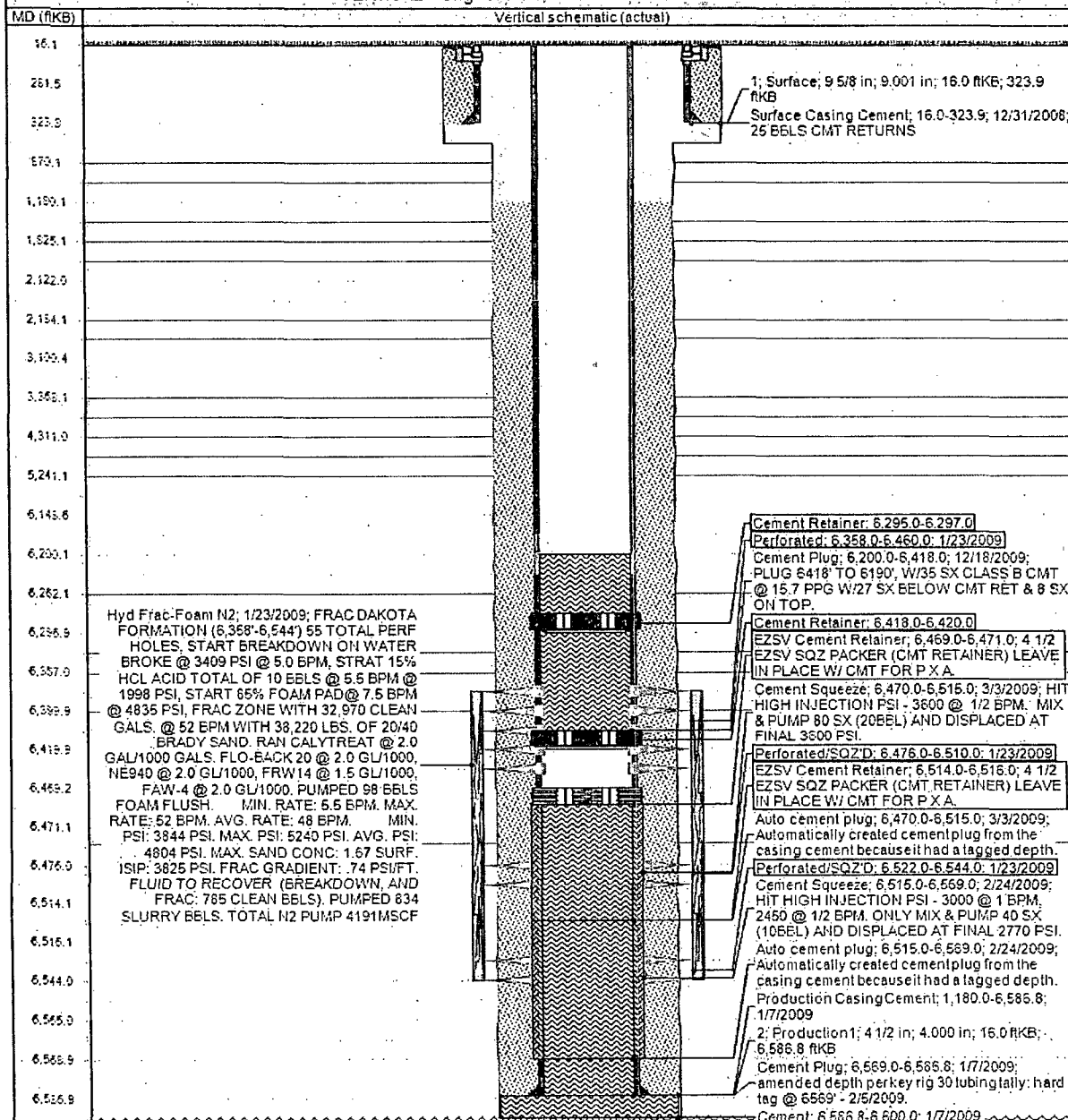
ConocoPhillips

Basic - Schematic - Current

HUERFANO UNIT #304E

District SOUTH	Field Name BASIN DAKOTA	API / UWI 3004534725	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 12/31/2008	Surface Legal Location 004-025N-010W-M	East/West Distance (ft) 800.00	East/West Reference FWL	North/South Distance (ft) 670.00
		North/South Reference FSL		

VERTICAL - Original Hole, 10/20/2014 11:08:20 AM



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Report Printed: 10/20/2014

OIL CONS. DIV DIST. 3

JAN 02 2015

ConocoPhillips

Well Name: HUERFANO UNIT #304E

Proposed Schematic

API/DAV# 3004534725	Surface Legal Location 004-025N-010W-M	Field Name BASIN DAKOTA	U-Well No.	State Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,633.00	Original KESRT Elevation (ft) 6,649.00	AS-Grading Distance (ft) 15.00	AS-Casing Range Distance (ft)	AS-Flaring Range Distance (ft)	

VERTICAL - Original Hole, 1/1/2020 7:00:00 AM

Vertical schematic (actual)	MD (ft)	Formation Tops
	27.9	
	323.2	
Cement Retainer: 324.0-327.0	324.1	
	333.0	
	819.9	
Cement Retainer: 989.0-992.0	988.8	OJO ALAMO
	1,039.0	KIRTLAND
	1,483.9	
	1,625.1	FRUITLAND
	1,943.9	PICTURED CLIFFS
	2,131.9	LEWIS
	2,717.6	
	3,139.1	HUERFANITO BENTON...
	3,368.1	CHACRA
	3,418.0	
	4,532.2	CLIFF HOUSE
	4,631.9	MENELEE
	5,241.1	POINT LOOKOUT
	6,108.9	MANCOS
	6,150.6	
	6,200.5	UPPER GALLUP
	6,294.9	
Cement Retainer: 6,295.0-6,297.0	6,330.1	GREENHORN
	6,357.9	
Cement Retainer: 6,418.0-6,420.0	6,418.0	GRANEROS
EZSV Cement Retainer: 6,469.0-6,471.0; 4 1/2 EZSV SOZ PACKER (CMT RETAINER) LEAVE IN PLACE W/ CMT FOR P.X.A.	6,450.0	TWO WELLS
	6,470.1	PAGUATE
EZSV Cement Retainer: 6,514.0-6,516.0; 4 1/2 EZSV SOZ PACKER (CMT RETAINER) LEAVE IN PLACE W/ CMT FOR P.X.A.	6,472.1	
	6,509.8	CUBERO
	6,515.1	
	6,522.0	
	6,549.9	
	6,565.9	
	6,566.0	
	6,600.1	

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Huerfano Unit #304E

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

- a) Set plug #1 (5400-5300) ft. to cover the Gallup top.
- b) Bring the top of plug #2 to 4493 ft. to cover the Mancos top. Adjust cement volume accordingly.
- c) Set plug #3 (2770-2670) ft. to cover the Mesaverde top. BLM picks top of Cliff House at 2720 ft.
- d) Set a plug (2310-2210) ft. to cover the Chacra top.
- e) Set plug #6 (1108-871) ft. to cover the Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: tsalyers@blm.gov Brandon.Powell@state.nm.us

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.