

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**RECEIVED**

FEB 11 2009

Bureau of Land Management  
Farmington Field Office

## Sundry Notices and Reports on Wells

- |   |   |
|---|---|
| 1. <b>Type of Well</b><br>GAS   | 5. <b>Lease Number</b><br>SF-076605                   |
| 2. <b>Name of Operator</b><br><b>BURLINGTON</b><br>RESOURCES OIL & GAS COMPANY LP   | 6. <b>If Indian, All. or Tribe Name</b>               |
| 3. <b>Address &amp; Phone No. of Operator</b><br><br>PO Box 4289, Farmington, NM 87499 (505) 326-9700                             | 7. <b>Unit Agreement Name</b><br>Huerfano Unit        |
| 4. <b>Location of Well, Footage, Sec., T, R, M</b><br><br>Surf: Unit O (SWSE), 900' FSL & 1650' FEL, Section 25, T26N, R10W, NMPM | 8. <b>Well Name &amp; Number</b><br>Huerfano Unit 170 |
|   | 9. <b>API Well No.</b><br>30-045-20029                |
|   | 10. <b>Field and Pool</b><br>Basin Fruitland Coal     |
|   | 11. <b>County and State</b><br>San Juan, NM           |

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

<b>Type of Submission</b>	<b>Type of Action</b>		<b>Other -</b>
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	RCVD FEB 13 '09 OIL CONS. DIV. DIST 3
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing	
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off	
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	

**13. Describe Proposed or Completed Operations**

Burlington Resources wishes to P&amp;A this well per the attached procedures and well bore schematics.

**14. I hereby certify that the foregoing is true and correct.**Signed [Signature] Kelly Jeffery Title Regulatory Technician Date 2/11/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date **FEB 12 2009**

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NOTIFY NMOCD AZTEC 24 HOURS PRIOR TO START OF OPERATIONS

**NMOCD**

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**ConocoPhillips**  
**Huerfano Unit 170 (FC)**  
**Plug and Abandon Procedure**

Lat 36° 27' 16.05" N Long 107° 50' 39.48" W

Prepared By: A. Bari  
Production Engineering Peer review/approved By:

Date: 01/09/2009

Date: / /

**Scope of work:** The intent of this procedure is to plug and abandon the entire Huerfano Unit 170 well.

**WELL DATA:**

**API:** 300-452-0029-0000

**Location:** 900' FSL and 1650' FEL, Unit O, Section 25– T 26 N – R 10 W

**PBTD:** 1608' **TD:** 6673'

**Perforations:** 1857' – 2039' (Fruitland Coal)

<b>Casing:</b>	<b>OD</b>	<b>Wt., Grade</b>	<b>Connection</b>	<b>ID/Drift (in)</b>	<b>Depth</b>
	8-5/8"	24.0#, J-55	-	8.097/7.972	210'
	4-1/2"	10.5#, J-55	-	4.052/3.927	6673'

**Tubing:** There is NO tubing in the wellbore.

**Well History/ Justification:** The Huerfano Unit 170 well was originally drilled as a Dakota producer in 1967. In Aug 2006, the Dakota was P&A'd due to poor integrity of the casing. In October 2007, this well was recompleted in the Fruitland Coal (FC) with 75Q Foam and 80,000 lbs of sand. The FC perforations are: 1857' - 2039'. However, the well starts producing an average of 18 BWPH (432 BWPD) for five days. In November 2007, a retainer was set at 1770' (87' above the top Fruitland Coal perforations), and pumped 16 bbls of cement (13 bbl below the retainer and 3 bbl on top of the retainer) and plugged the Fruitland Coal formation in this well due to excessive water production. The completions rig tagged top of cement at 1608' (witnessed by NMOCD representative Monica K.), which is 162' above the top of cement retainer and 249' above the top Fruitland Coal perforations. The Production Engineering Team recommends to plug & abandon the entire Huerfano Unit 170 well.

**B2 Adapters are required on all wells other than pumping wells.**

**Artificial lift on well (type):** None

**Est. Reservoir Pressure (psig):** ~250 psig (FC)

**Well Failure Date:** November 2007

**Current Rate (Mcfd):** 0 MCFD **Est. Rate Post Remedial (Mcfd):** 0 MCFD

**Earthen Pit Required:** YES, a steel pit is required to P&A the wellbore

**Special Requirements:** ~52 joints of 2-3/8" tubing to P&A the wellbore

**Production Engineer:** A. Bari Office: (505) 324-5103 Cell: (505) 947-1822

**Backup Production Engr:** David McDaniel Office: (505) 599-3443 Cell: (505) 320-2907

**Area Foreman:** Steve Stamets Cell: (505) 324-5124

**Specialist:** Bobby Heinen Cell: (505) 320-2615

**MSO:** Ronnie Thompson Cell: (505) 320-4666

**ConocoPhillips**  
**Huerfano Unit 170 (FC)**  
**Plug and Abandon Procedure**

Lat 36° 27' 16.05" N Long 107° 50' 39.48" W

Basin Fruitland Coal  
900' FSL and 1650' FEL, Section 25, T26N, R10W  
San Juan County, New Mexico / API 30-045-20029  
Lat: N 36.45433300 / Long: W -107.84491700

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 14.8 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_.  
Tubing: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Size\_\_\_\_, Length\_\_\_\_.  
Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.  
RIH and tag existing cement top at 1608'. PUH to 1328'.
4. **Plug #1 (Kirtland and Ojo Alamo tops, 1328' – 1053')**: Mix <sup>increase</sup> 20 sxs Class B cement and spot a balanced plug inside casing to cover Kirtland and Ojo Alamo tops. PUH
5. **Plug #2 (8.625" casing shoe, 260' – 0')**: Perforate 3 squeeze holes at 260'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 85 sxs cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
6. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Thank you.