

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 20 2009

Bureau of Land Management  
Farmington Field Office

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator  
P.O. Box 4289, Farmington, NM 87499

4. Location of Well, Footage, Sec., T, R, M  
Unit M (SWSW), 850' FSL & 850' FWL, Section 15, T25N, R9W, NMPM

5. Lease Number  
NM-03015

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Huerfano Unit  
Well Name & Number  
Huerfano Unit 56

9. API Well No.  
30-045-26129

10. Field and Pool  
Basin FC

11. County and State  
San Juan Co., NM

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

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<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

RCVD AUG 24 '09  
OIL CONS. DIV.

13. Describe Proposed or Completed Operations

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

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed 

Rhonda Rogers Title Staff Regulatory Technician Date 8/19/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date AUG 24 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.

NMOCD

**ConocoPhillips  
Huerfano Unit #56 (FC)  
Plug and Abandon**

Lat 36° 28' 34.788" N    Long 107° 46' 13.188" W

**PROCEDURE:**

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 15.6 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.
3. TOOH with Rod and Pump
4. ND wellhead and NU BOP. Function test BOP.
5. Rods: Yes X , No        , Unknown       .  
Tubing: Yes X , No        , Unknown        , Size 2.375" , Length 1978'.  
Packer: Yes        , No X , Unknown        , Type       .  
Round trip 4.5" casing scraper to 1691'.
6. **Plug #1 (PC top, Fruitland Coal perforations and Fruitland top: 1691' – 1581')**: RIH and set 4.5" cement retainer or CIBP at 1691'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 13 sxs Class B cement and spot above CR to isolate the PC top, Fruitland Coal perforations and Fruitland top. PUH.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 1351' - 1071')**: Mix 26 sxs Class B cement and spot a balanced plug inside casing to cover Kirtland and Ojo Alamo tops. TOH and LD tubing.
6. **Plug #3 (8.625" casing shoe, 264' – 0')**: Perforate 3 squeeze holes at 264'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 215 sxs cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. 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.

# Current Schematic

ConocoPhillips

Well Name: HUERFANO UNIT #56

API/UNO#	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004526129	NMPM 015-025N-009WV	WAS IN DRILL (A) PROPOSED GAS		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,624.00	6,635.00	11.00	6,635.00	6,635.00		

Well Config: 30045261290000, 7/28/2009 10:14:29 AM

ftKB (MD)	Schematic - Actual	Form Final	
-4			
11			
36			
213			
961	TUBING, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 1,945 ftKB	Polished Rod, 22.0ft Pony Rods, 18.0ft Surface Casing Cement, 11-213, 11/8/1984, 140 sxs; circ. to surf. Surface, 8 5/8in, 8.097in, 11 ftKB, The KB used to set the surface casing was 12' (set and hole depth adjusted for a 11' KB), 213 ftKB Sucker Rod, 925.0ft Guided Rods, 75.0ft Sucker Rod, 750.0ft Sinker Bar, 75.0ft Fruitland Coal, 1,741-1,918, 7/9/2004 Guided Rods, 75.0ft Shear Coupling, 1.0ft Guided Rod, 8.0ft Rod Insert Pump, 13.0ft Sand Screen, 8.0ft Fill, 2,080-2,100, Tagged 10' fill (120' rathole) Bridge Plug - Permanent, 2,100-2,105 Production Casing Cement, 554-2,154, 11/18/1984, 300 sxs; TOC @ 554' (75% eff calc) Cement Plug, 2,688-2,771, 7/9/2004 Cement Retainer, 2,771-2,776 Cement Squeeze, 2,623-2,821, 7/9/2004 Squeeze, 2,821, 7/9/2004 Cement Plug, 2,770-2,850, 7/9/2004 Cement Retainer, 2,850-2,855 Cement Squeeze, 3,264-3,440, 8/11/1989 Cement Squeeze, 3,275-3,489, 7/9/2004 Production Casing Cement, 3,055-5,030, 11/18/1984, 370 sxs; TOC @ 3055' (75% eff calc) Cement Plug, 5,275-5,460, 7/8/2004, Plugged Gallup formation with 12 sxs f/5275-5460' (185' cement plug) Cement Plug, 6,122-6,330, 7/7/2004 Cement Retainer, 6,330-6,335 Hydraulic Fracture, 11/29/1984, Frac'd Dakota w/55,000# 20/40 sand and 8,000# 10/20 sand and 81,250 gals total fluid Dakota, 6,388-6,483, 11/29/1984 Fish, 6,524-6,525 Cement Retainer, 6,525-6,530 Dakota, 6,537-6,620, 11/26/1984 Cement Squeeze, 6,537-6,620, 11/28/1984 Cement Retainer, 6,630-6,635 Burro Canyon, 6,636-6,660, 11/24/1984 Cement Squeeze, 6,636-6,660, 11/25/1984 Production Casing Cement, 5,432-6,699, 11/18/1984, 150 sxs & 100 sxs; TOC @ 5432' (75% eff calc) Production, 4 1/2in, 4,000in, 11 ftKB, 6,699 ftKB	Ojo Alamo, 1,121 Kirtland, 1,301 Fruitland, 1,631 Pictured Cliffs, 1,922 Chacra Equivalent, 2,248 Laventana SS, 2,771 Menefee, 3,508 Point Lookout, 4,291 Mancos, 4,597 Gallup, 5,408 Dakota, 6,358 Morrison, 6,668
1,121			
1,631	Hydraulic Fracture, 7/9/2004, Frac'd Fruitland Coal w/40,000 gals 70 Quality Foam 25# linear gel Pad, 130,000# 20/40 AZ sand, 8,300 SCF N2		
1,786			
1,918	SEAT NIPPLE, 2 3/8in, 1,945 ftKB, 1,946 ftKB		
1,936	JOINT W/GAS RELIEF HOLE, 2 3/8in, 4.70lbs/ft, J-55, 1,946 ftKB, 1,977 ftKB		
1,945	2 3/8" X 1 1/2" MULE SHOE, 2 3/8in, 1,977 ftKB, 1,978 ftKB		
1,958	Mule Shoe, 2 1/16in, 1,978 ftKB, 1,978 ftKB		
1,977			
1,978			
2,100	PBTD, 2,100		
2,151			
2,248			
2,776			
2,850			
3,508			
4,597			
5,030			
6,330			
6,358			
6,427			
6,524			
6,530			
6,620			
6,635			
6,660			
6,678			
6,698			
6,700	TD, 6,700		

# Huerfano Unit #56

## Current

Basin Fruitland Coal

850' FSL, 850' FWL Section 15, T-25-N, R-9-W, San Juan County, NM

API #30-045-26129 / Lat: N 36.39629 / Long: 107.78201 W

Today's Date 7/24/09

Spud: 11/8/84

DK Comp: 1/3/85

FtC Comp: 7/15/04

Elevation: 6624' GL  
6636' KB

12.25" hole

Ojo Alamo @ 1121'

Kirtland @ 1301'

Fruitland @ 1631'

Pictured Cliffs @ 1922'

LaVentana @ 2771'

Gallup @ 5408'

Dakota @ 6451'

7.875" Hole

8 625" 24#, J-55 Casing set @ 213'  
Cement with 165 cf, circ to surface.

TOC @ 554' (Calc, 75%)

2 375" tubing at 1978'  
(57 joints, 4.7#, J-55, SN 1945', MS 1978'  
with rods and pump)

Fruitland Coal Perforations.  
1741'- 1918'

DV Tool @ 2151'  
Cement with 486 cf

TOC @ 3055'

Set CIBP @ 2100' (2004)

Casing leaks 2784' - 3489'  
CR @ 2850', sqz with 55 sxs  
(2004)

Casing leaks 3264' to 3440'  
Cement with 50 sxs (1989)

DV Tool @ 5030'  
Cement with 599 cf

TOC @ DV Tool

**Mesaverde: 2721' - 2688'**  
Cement with 51 sxs.  
45 below and 6 above (2004)

**Gallup: 5460' - 5275'**  
Cement with 12 sxs (2004)

**Dakota: 6330' - 6122'**  
Cement with 12 sxs (2004)

CR @ 6330'

CR @ 6525', sqz with 118 cf (1984)

CR @ 6630', sqz with 118 cf (1984)

Dakota Perforations:

6388' - 6483'

6636' - 6660'

4.5", 10.5#, K-55 Casing set @ 6699'  
Cement with 240 sxs

TD 6700'  
PBSD 2100'

# Huerfano Unit #56

## Proposed P&A

Basin Fruitland Coal

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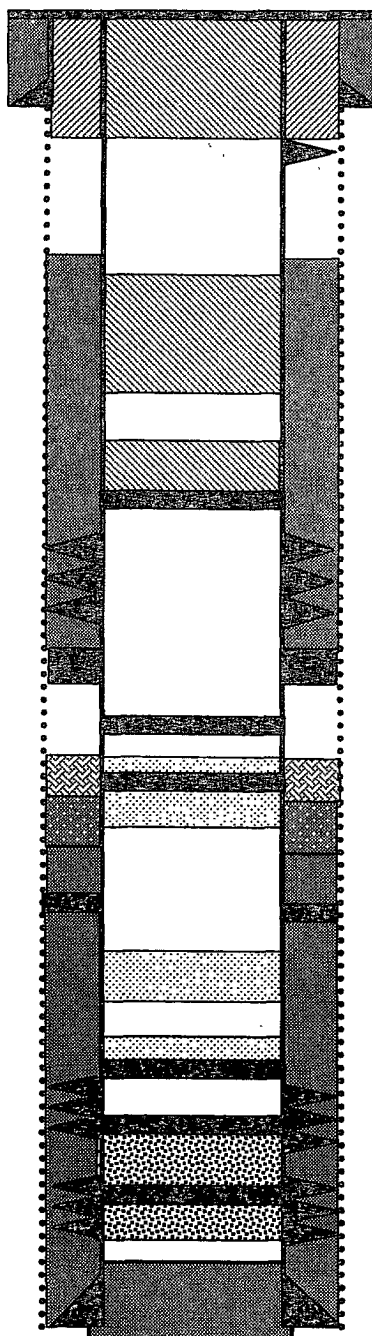
Pictured Cliffs @ 1922'

LaVentana @ 2771'

Gallup @ 5408'

Dakota @ 6451'

7.875" Hole



8.625" 24#, J-55 Casing set @ 213'  
Cement with 165 cf, circ to surface.

Perforate @ 264'

Plug #3: 264' - 0'

Class B cement, 90 sxs

TOC @ 554' (Calc, 75%)

Plug #2: 1351' - 1071'

Class B cement, 26 sxs

Set CR or CIBP @ 1691'

Plug #1: 1691' - 1581'

Class B cement, 13 sxs

Fruitland Coal Perforations  
1741' - 1918'

DV Tool @ 2151'  
Cement with 486 cf

TOC @ 3055'

Set CIBP @ 2100' (2004)

Casing leaks 2784' - 3489'  
CR @ 2850', sqz with 55 sxs  
(2004)

Casing leaks 3264' to 3440'  
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