

**RECEIVED**

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

AUG 04 2010

## Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

3. Address &amp; Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit D (NWNW), 990' FNL &amp; 890' FWL, Section 28, T26N, R9W, NMPM

5. Lease Number  
NMSF - 078060A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
Huerfano Unit

8. Well Name & Number  
Huerfano Unit 182

9. API Well No.

30-045-20309

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

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

## Type of Action

☒ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection☒ Other -- P&A

RCVD AUG 9 '10

OIL CONS. DIV.

DIST. 3

## 13. Describe Proposed or Completed Operations

Burlington Resources wishes to P&amp;A the subject well per attached procedure and well bore schematic.

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

Signed Jamie Goodwin Jamie Goodwin Title Regulatory Technician Date 8/3/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date AUG 06 2010

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

## Plug and Abandonment

**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. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes X, No   , Unknown   .  
 Tubing: Yes X, No   , Unknown    Size 2-3/8", Length 2055'.  
 Packer: Yes   , No X, Unknown    Type   .

| TOOH the rod pump (details below). |                                        |  |  |  |
|------------------------------------|----------------------------------------|--|--|--|
| Number                             | Description                            |  |  |  |
| 1                                  | Polished Rod                           |  |  |  |
| 77                                 | Sucker Rod                             |  |  |  |
| 1                                  | 8' sucker Rod                          |  |  |  |
| 1                                  | Sinker Bar                             |  |  |  |
| 1                                  | Shear Tool                             |  |  |  |
| 1                                  | 8' Guided Pony Rod                     |  |  |  |
| 1                                  | RHAC-Z Insert Pump (2"x1-1/2"x10'x14') |  |  |  |
| 1                                  | Sand Screen                            |  |  |  |

**1699**

4. **Plug #1 (Pictured Cliffs and Fruitland Coal top: 1800' – 2072')**: Round trip 4.5" gauge ring to 1850'. RIH w/ 4.5" cement retainer to 1850'. Load casing and with water and circulate well clean. Pressure test casing to 560#. If the casing does not test, then spot or tag subsequent plugs as appropriate. Establish rate into squeeze holes. Squeeze 25 sxs cement ((272 x .138) / 1.18 + 50' excess) the 4.5" casing. PUH
5. **Plug #4 (Kirtland and Ojo Alamo tops, 1090' - 1340')**: Perforate 2 squeeze holes at 1200'. RIH w/ 4.5" cement retainer 1150'. Load casing and with water and circulate well clean. Pressure test casing to 560#. If the casing does not test, then spot or tag subsequent plugs as appropriate. Establish rate into squeeze holes. Mix 553 sxs Class B cement. Squeeze ((250 x .2278) / 1.18 + 100% excess) 97 sxs cement outside 4-1/2" casing and leave 23 sxs in the ((250 x .0895) / 1.18 + 50' excess) casing. PUH

6. **Plug #5 (8-5/8" surface casing shoe, Surface' – 260')**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 24 sxs Class B cement and spot a balanced plug from 260' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the annulus.
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 #182

|                       |                               |                       |                                |                                |                         |      |
|-----------------------|-------------------------------|-----------------------|--------------------------------|--------------------------------|-------------------------|------|
| API/UWI               | State Legal Location          | Field Name            | License No.                    | State/Province                 | Well Configuration Type | Edit |
| 3004520309            | 28-026N-009WV                 | 88N (FTLD COAL)       | 43046                          | NEW MEXICO                     |                         |      |
| Ground Elevation (ft) | Original KB/RT Elevation (ft) | KB-Grnd Distance (ft) | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |                         |      |
| 6,492.00              | 6,504.00                      | 12.00                 | 6,504.00                       | 6,504.00                       |                         |      |

Well Config: - 30045203090000, 8/2/2010 7:16:37 AM

| ftKB<br>(MD) | Schematic - Actual                                                                                                                                  | Frm Final        |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| -10          |                                                                                                                                                     |                  |
| 0            |                                                                                                                                                     |                  |
| 12           |                                                                                                                                                     |                  |
| 14           | TUBING, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 41 ftKB                                                                                                 |                  |
| 41           | TUBING SUB, 2 3/8in, 4.70lbs/ft, J-55, 41 ftKB, 57 ftKB                                                                                             |                  |
| 57           |                                                                                                                                                     |                  |
| 206          |                                                                                                                                                     |                  |
| 207          |                                                                                                                                                     |                  |
| 210          |                                                                                                                                                     |                  |
| 1,140        | TUBING, 2 3/8in, 4.70lbs/ft, J-55, 57 ftKB, 2,029 ftKB                                                                                              | OJO ALAMO, 1,140 |
| 1,290        |                                                                                                                                                     | KIRTLAND, 1,290  |
| 1,850        |                                                                                                                                                     | FRUITLAND, 1,850 |
| 1,876        |                                                                                                                                                     |                  |
| 1,894        | Hydraulic Fracture, 4/21/1989, Frac w/ 4,032 gal fluid.                                                                                             |                  |
| 1,927        | Hydraulic Fracture, 12/29/1999, Restimulated FRC w/ 153,000# 20/40 Brady sand, 35# linear gel; 70Q N2 foam; Total 625 bbls fluid; 1,009,300 scf N2. |                  |
| 1,937        |                                                                                                                                                     |                  |
| 1,945        |                                                                                                                                                     |                  |
| 2,020        |                                                                                                                                                     |                  |
| 2,021        | SEAT NIPPLE, 2 3/8in, 4.70lbs/ft, J-55, 2,029 ftKB, 2,029 ftKB                                                                                      |                  |
| 2,022        |                                                                                                                                                     |                  |
| 2,029        | TUBING SUB W/VENT HOLE, 2 3/8in, 4.70lbs/ft, J-55, 2,029 ftKB, 2,041 ftKB                                                                           |                  |
| 2,029        |                                                                                                                                                     |                  |
| 2,041        | TUBING SUB, 2 3/8in, 4.70lbs/ft, J-55, 2,041 ftKB, 2,053 ftKB                                                                                       |                  |
| 2,043        |                                                                                                                                                     |                  |
| 2,051        | 2 3/8" X 1 1/2" MULE SHOE, 2 3/8in, 2,053 ftKB, 2,055 ftKB                                                                                          |                  |
| 2,053        |                                                                                                                                                     |                  |
| 2,054        | Mule Shoe, 2 3/8in, 2,055 ftKB, 2,055 ftKB                                                                                                          |                  |
| 2,055        |                                                                                                                                                     |                  |
| 2,079        | PBTD, 2,079                                                                                                                                         |                  |
| 2,190        |                                                                                                                                                     |                  |
| 2,193        |                                                                                                                                                     |                  |
| 3,021        |                                                                                                                                                     |                  |
| 3,023        |                                                                                                                                                     |                  |
| 3,555        |                                                                                                                                                     |                  |
| 3,558        |                                                                                                                                                     |                  |
| 3,610        |                                                                                                                                                     |                  |
| 4,664        |                                                                                                                                                     |                  |
| 4,924        |                                                                                                                                                     |                  |
| 4,926        |                                                                                                                                                     |                  |
| 5,582        |                                                                                                                                                     |                  |
| 6,143        |                                                                                                                                                     |                  |
| 6,146        |                                                                                                                                                     |                  |
| 6,378        |                                                                                                                                                     |                  |
| 6,433        |                                                                                                                                                     |                  |
| 6,462        |                                                                                                                                                     |                  |
| 6,520        | Hydraulic Fracture, 7/30/1968, Frac w/ 50,000# 40/60 sand, 52,000 gal water.                                                                        |                  |
| 6,636        |                                                                                                                                                     |                  |
| 6,774        |                                                                                                                                                     |                  |
| 6,775        | TD, 6,775, 7/29/1968                                                                                                                                |                  |



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 182 Huerfano Unit

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Pictured Cliffs/Fruitland plug to 1689'.

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.