

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Jun 19, 2008

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-26539</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-10894-10
7. Lease Name or Unit Agreement Name <b>HUERFANO UNIT</b>
8. Well Number <b>245E</b>
9. OGRID Number <b>14538</b>
10. Pool name or Wildcat <b>Basin DK</b>

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

**BURLINGTON RESOURCES OIL & GAS, LP**

3. Address of Operator

P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter **A** : **1040** feet from the **North** line and **970** feet from the **East** line  
Section **32** Township **26N** Range **10W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6641' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. A Closed Loop System will be utilized on this location.

\* move mv plug to 2838'-2938'

OIL CONS. DIV DIST. 3

\* move Gallup plug to 5380'-5480'

JAN 13 2015

Spud Date:

Rig Released Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*Patsy Clugston*

TITLE Staff Regulatory Technician DATE 1-12-15

Type or print name Patsy Clugston

E-mail address:

Patsy.L.Clugston@conocophillips.com

PHONE: 505-326-9518

For State Use Only

DEPUTY OIL & GAS INSPECTOR

APPROVED BY:

*Bob Bell*

TITLE

DISTRICT #3

DATE 1-22-15

Conditions of Approval (if any):



**ConocoPhillips**  
**HUERFANO UNIT 245E**  
**Expense - P&A**

Lat 36° 26' 55.896" N

Long 107° 54' 48.528" 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 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger
5. RU wireline and run CBL with 500 psi on casing from CIBP at 6426' to surface to identify TOC. Rig down wire line. Send logs to Wells Engineer. Adjust plugs as necessary for new TOC.
6. Pick up 2-3/8" tubing and trip in hole to CIBP at 6426'. Load hole, and pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* POOH w/ tubing.

**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.**

**7. Plug 1 (Dakota and Graneros Formation Tops and Dakota Perforations, 6326-6426', 12 Sacks Class B Cement)**

Mix cement as described above. Spot plug on top of CIBP to isolate the Dakota and Graneros Formation tops and the Dakota perforations. Pull out of hole.

**8. Plug 2 (Gallup Formation Top, 5466-5566', 51 Sacks Class B Cement)**

RIH and perforate 3 squeeze holes at 5566'. Establish injection rate into squeeze holes. RIH with 4-1/2" cement retainer and set at 5516'. Mix cement as described above. Squeeze 39 sacks under retainer, sting out, and leave 12 sacks on top of retainer to cover the Gallup top. Pull out of hole and lay down stinger.

**9. Plug 3 (Mancos Formation Top, 4690-4790', 12 Sacks Class B Cement)**

Trip in hole open ended. Mix cement as described above. Spot balanced plug to isolate the Mancos Formation Top. Pull out of hole.

**10. Plug 4 (Mesa Verde Formation Top, 3026-3126', 51 Sacks Class B Cement)**

RIH and perforate 3 squeeze holes at 3126'. Establish injection rate into squeeze holes. RIH with 4-1/2" cement retainer and set at 3076'. Mix cement as described above. Squeeze 39 sacks under retainer, sting out, and leave 12 sacks on top of retainer to cover the Mesa Verde top. Pull out of hole and lay down stinger.

**11. Plug 5 (Pictured Cliffs Formation Top, 1908-2008', 12 Sacks Class B Cement)**

Trip in hole open ended. Mix cement as described above. Spot balanced plug to isolate the Pictured Cliffs Formation Top. Pull up hole.

**12. Plug 6 (Fruitland Formation Top, 1420-1520', 12 Sacks Class B Cement)**

Mix cement as described above. Spot balanced plug to isolate the Fruitland Formation Top. Pull up hole.

**13. Plug 7 (Ojo Alamo and Kirtland Formation Tops, 952-1206', 24 Sacks Class B Cement)**

Mix cement as described above. Spot balanced plug to isolate the Ojo Alamo and Kirtland Formation Tops. Pull up hole.

**14. Plug 8 (Surface Plug, 0-265', 24 Sacks Class B Cement)**

Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix Class B cement and spot balanced plug inside casing from 265' to surface, circulating good cement out casing valve. Pull out of hole and lay down tubing. SI well 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 BH annulus to surface. Shut well in and WOC.

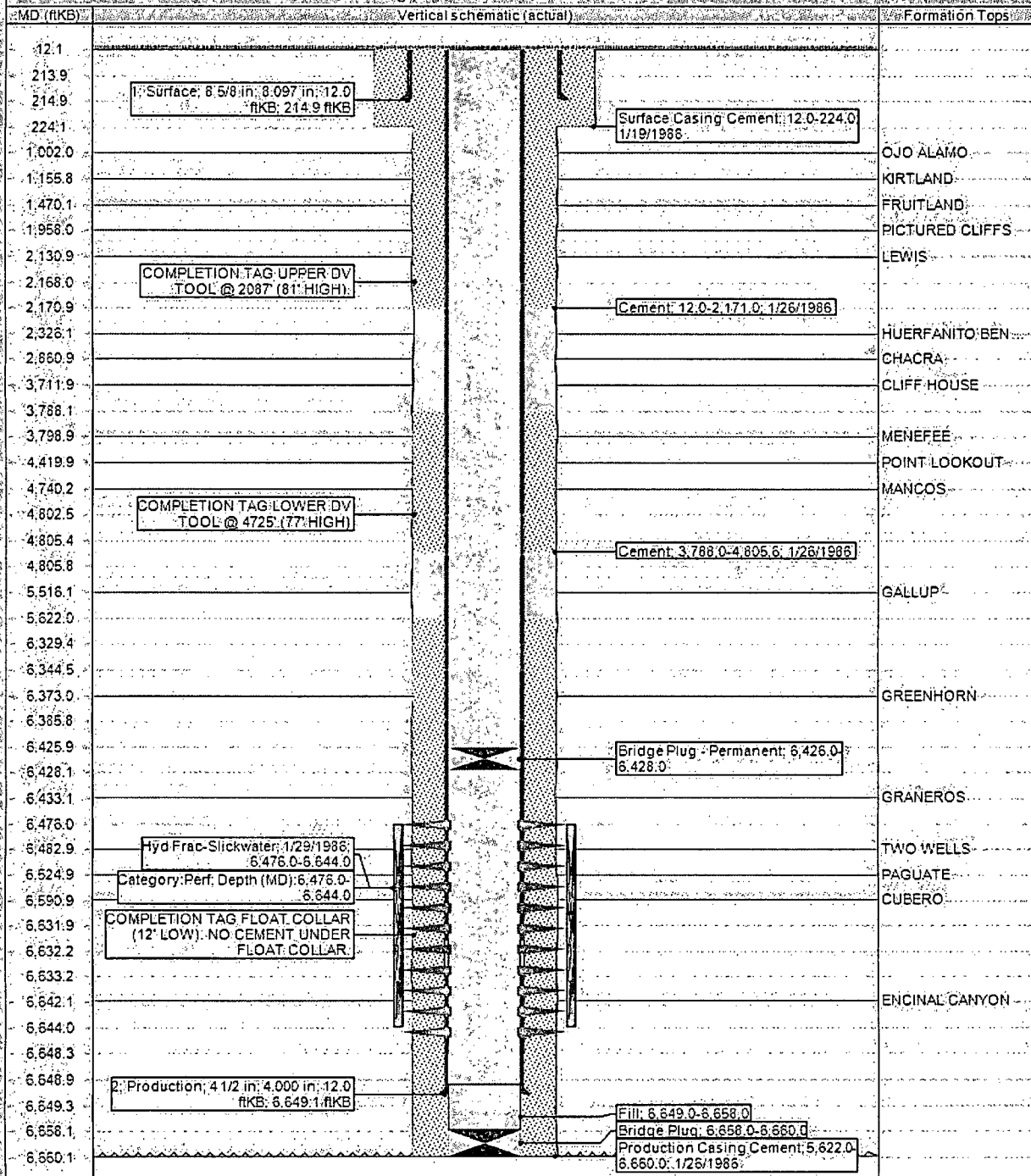
15. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



**ConocoPhillips****CURRENT SCHEMATIC  
HUERFANO UNIT #245E**

District SOUTH	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3004526539	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 1/18/1986	Surface Legal Location 032-026N-010W-A		E/W Dist (ft) 970.00 E/W Ref FEL	N/S Dist (ft) 1,040.00 N/S Ref FNL

Original Hole: 11/18/2014 7:14:37 AM





**ConocoPhillips****Proposed Schematic****HUERFANO UNIT #245E**

District SOUTH	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3004526539	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 1/18/1986	Surface Legal Location 032-026N-010W-A	East/West Distance (ft) 970.00	East/West Reference FEL	North/South Distance (ft) 1,040.00
North/South Reference FNL				

Original Hole: 1/1/2020 3:00:00 AM

