

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED  
JUL 01 2015  
Farmington Field Office  
Bureau of Land Management

**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>I-149-IND-8473</b>	7. If Unit of CA/Agreement, Name and/or No. <b>HUERFANITO UNIT</b>
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company LP</b>		6. If Indian, Allottee or Tribe Name	8. Well Name and No. <b>HUERFANITO UNIT 93S</b>
3a. Address <b>PO Box 4289, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>(505) 326-9700</b>	9. API Well No. <b>30-045-34780</b>	10. Field and Pool or Exploratory Area <b>FRUITLAND COAL</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Unit K (NESW), 1495' FSL &amp; 1510' FWL, SEC. 25, T27N, R09W</b>		11. Country or Parish, State <b>San Juan, New Mexico</b>	

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 recomplate 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 recomplate 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.)

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 used.

OIL CONS. DIV DIST. 3

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

JUL 08 2015

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) <b>Denise Journey</b>	Staff Regulatory Technician
Signature <i>Denise Journey</i>	Date <b>7/1/2015</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <b>Troy Salvors</b>	Title <b>PE</b>	Date <b>7/2/2015</b>
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 <b>FFO</b>	

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)

NMOCD

KC

245

**ConocoPhillips**  
**HUERFANITO UNIT 93S**  
**Expense - P&A**

Lat 36° 32' 34.48" N

Long 107° 44' 35.974" W

**PROCEDURE**

**NOTE: Plug depths based off CBL ran in 2010.**

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. TOOH w/ rod string and LD (per pertinent data sheet).  
Size: 3/4" Set Depth: 2,193'

5. 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

6. TOOH with tubing (per pertinent data sheet).  
Tubing size: 2-3/8" 4.7# J-55 EUE Set Depth: 2,214' KB: 16'

7. PU 3-7/8" bit and watermelon mill and round trip as deep above top perforation at 1,942'.

8. PU 4-1/2" CR on tubing, and set a 1,892'. Pressure test tubing to 1,000 psi. Sting out of CR. 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.**

**9. Plug 1 (Fruitland Perforations and Fruitland Top, 1,774'-1,892', 13 Sacks Class B Cement)**

Mix 13 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland formation top and Fruitland perforations. PUH.

*See COA*

**10. Plug 2 (Ojo Alamo and Kirtland formation tops, 1,191'-1,440', 23 Sacks Class B Cement)**

Mix 23 sx Class B cement and spot a balanced plug inside the casing to cover the Ojo Alamo and Kirtland formation tops. POOH.

**9. Plug 3 (Surface Shoe, 0'-281', 26 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 26 sx Class B cement and spot balanced plug inside casing from 281' to surface, circulating good cement out casing valve. TOOH and LD 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.

12. Nipple down BOP and cut off casing below the casing flange. Top off cement in 7" x 4-1/2" annulus from 0'-68'. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

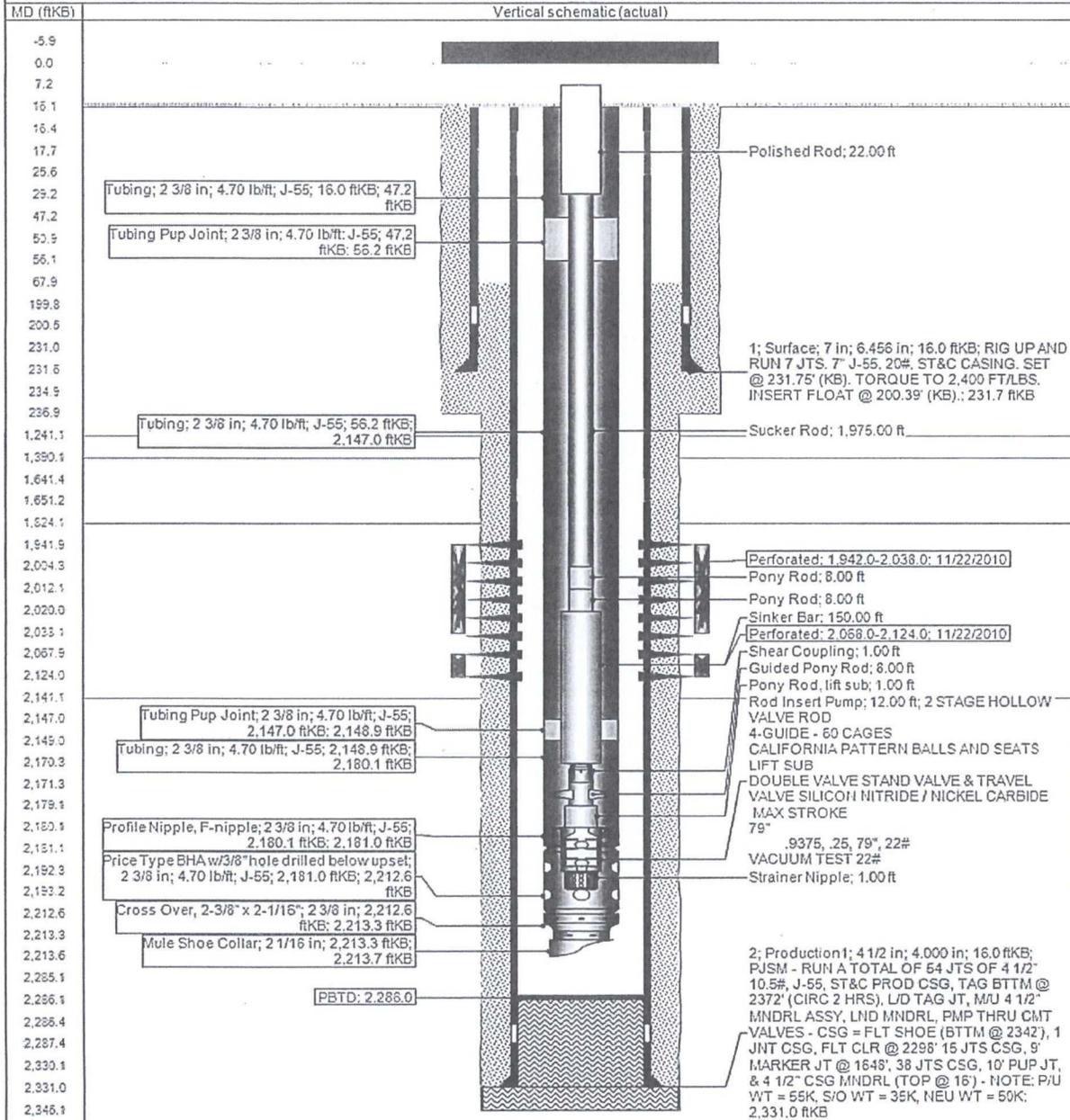


Basic - Schematic - Current

HUERFANITO UNIT #93S

District SOUTH	Field Name BASIN FRUITLAND COAL	API / UWI 3004534760	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 10/4/2010	Surface Legal Location 025-027N-009W-K	East/West Distance (ft) 1,510.00	East/West Reference FWL	North/South Distance (ft) 1,495.00
				North/South Reference FSL

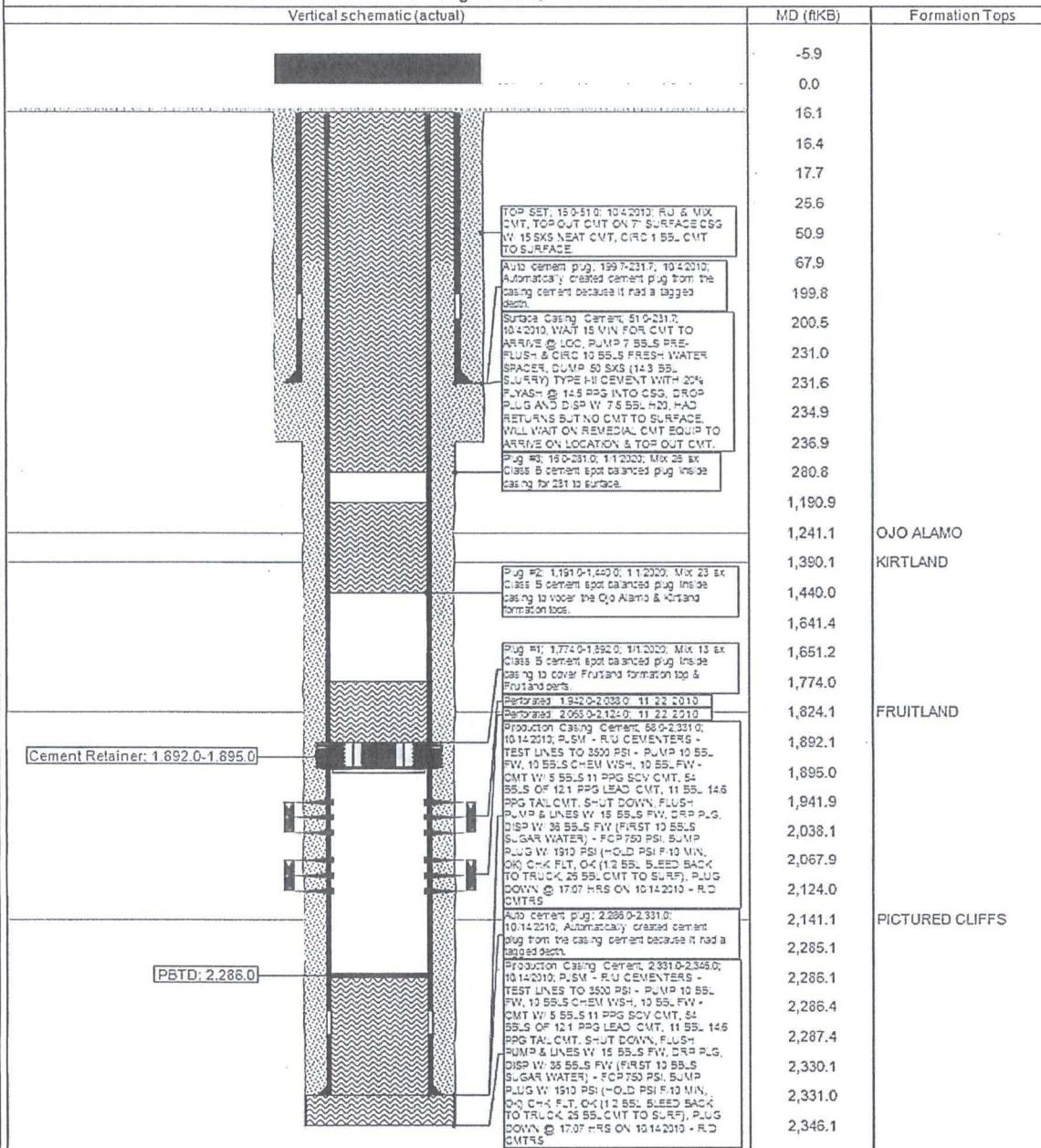
VERTICAL - Original Hole, 6/3/2015 10:18:46 AM



Well Name: **HUERFANITO UNIT #93S**

API Well No. 3004534780	Surface Legal Location 025-027N-009W-K	Field Name BASIN FRUITLAND COAL	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,243.00	Original K/S RT Elevation (ft)	K/S Ground Distance (ft) 6,259.00	16.00	K/S Casing Flange Distance (ft)	K/S Tubing Hanger Distance (ft)

**VERTICAL - Original Hole, 1/1/2020 12:02:00 AM**



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: Huerfanito Unit #93S

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) Bring the top of plug #2 to **1178 ft.** to cover the Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.

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.