

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 10 2012

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

5 Lease Serial No.

SF-078508

6 If Indian, Allottee or Tribe Name

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.

7 If Unit of CA/Agreement, Name and/or No

1 Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

8. Well Name and No

Nordhaus 716S

2 Name of Operator

Burlington Resources Oil & Gas Company LP

9 API Well No

30-045-32655

3a Address

PO Box 4289, Farmington, NM 87499

3b. Phone No (include area code)

(505) 326-9700

10 Field and Pool or Exploratory Area

Basin Fruitland Coal

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit O (SWSE), 445' FSL & 2350' FEL, Sec. 13, T31N, R9W

11. Country or Parish, State

San Juan, New Mexico

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompleat 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 recompleat 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.**

RCVD AUG 20 '12  
OIL CONS. DIV.  
DIST. 3

Notify NMOCD 24 hrs  
prior to beginning  
operations

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Dollie L. Busse

Title Staff Regulatory Technician

Signature

Date

8/19/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 17 2012

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

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

**ConocoPhillips**  
**NORDHAUS 716S**  
**Expense - P&A**

Lat 36° 53' 31.56" N

Long 107° 43' 49.404" W

**PROCEDURE**

**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.**

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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing (unseat pump prior to pumping water down tubing).
5. TOOH with rod string. LD rod string. ND wellhead and NU BOPE. Pressure & function test BOP. PU and remove tubing hanger. TOOH with tubing string.

<b>Rods:</b>	Yes	<b>Size:</b>	3/4"	<b>Length:</b>	3257'
<b>Tubing:</b>	Yes	<b>Size:</b>	2-3/8"	<b>Length:</b>	3281'
<b>Packer:</b>	No	<b>Size:</b>	---	<b>Depth:</b>	---

6. PU 2 3/8" workstring (use existing tubing if possible) and round trip casing scraper to 3170' (or as deep as possible).

**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 Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.**

**7. Plug 1 (Fruitland Coal Perfs & Formation Top and Liner Top, 2643-2848', 48 Sacks Class B Cement)**

RIH and set 7" CR at 2848'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800 psi. If casing does not test, spot and tag subsequent plug as necessary. Mix 48 sx Class B cement and spot above CR to isolate the Fruitland Perforations and Formation Top & Liner Top. PUH.

**8. Plug 2 (Ojo Alamo & Kirtland Formation Tops, <sup>206'</sup>~~1697-1854'~~ <sup>1904'</sup> 39 Sacks Class B Cement)**

Mix 39 sxs of Class B cement and spot a balanced plug at <sup>206'</sup>~~1854'~~ to cover the Ojo Alamo & Kirtland formation tops. PUH.

**9. Plug 3 (Nacimiento Formation Top, <sup>45'</sup> ~~383-483'~~ <sup>35'</sup> 29 Sacks Class B Cement)**

Mix 29 sxs of Class B cement and spot a balanced plug at <sup>45'</sup>~~483'~~ to cover the Nacimiento formation top. POOH.

**10. Plug 4 (Surface Shoe, Surface-255', 58 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 58 sxs Class B cement and spot balanced plug inside casing from 255' to surface, circulate good cement out casing valve. TOH and LD tubing.

Shut in 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 7" casing and the BH annulus to surface. Shut well in and WOC.

11. 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.

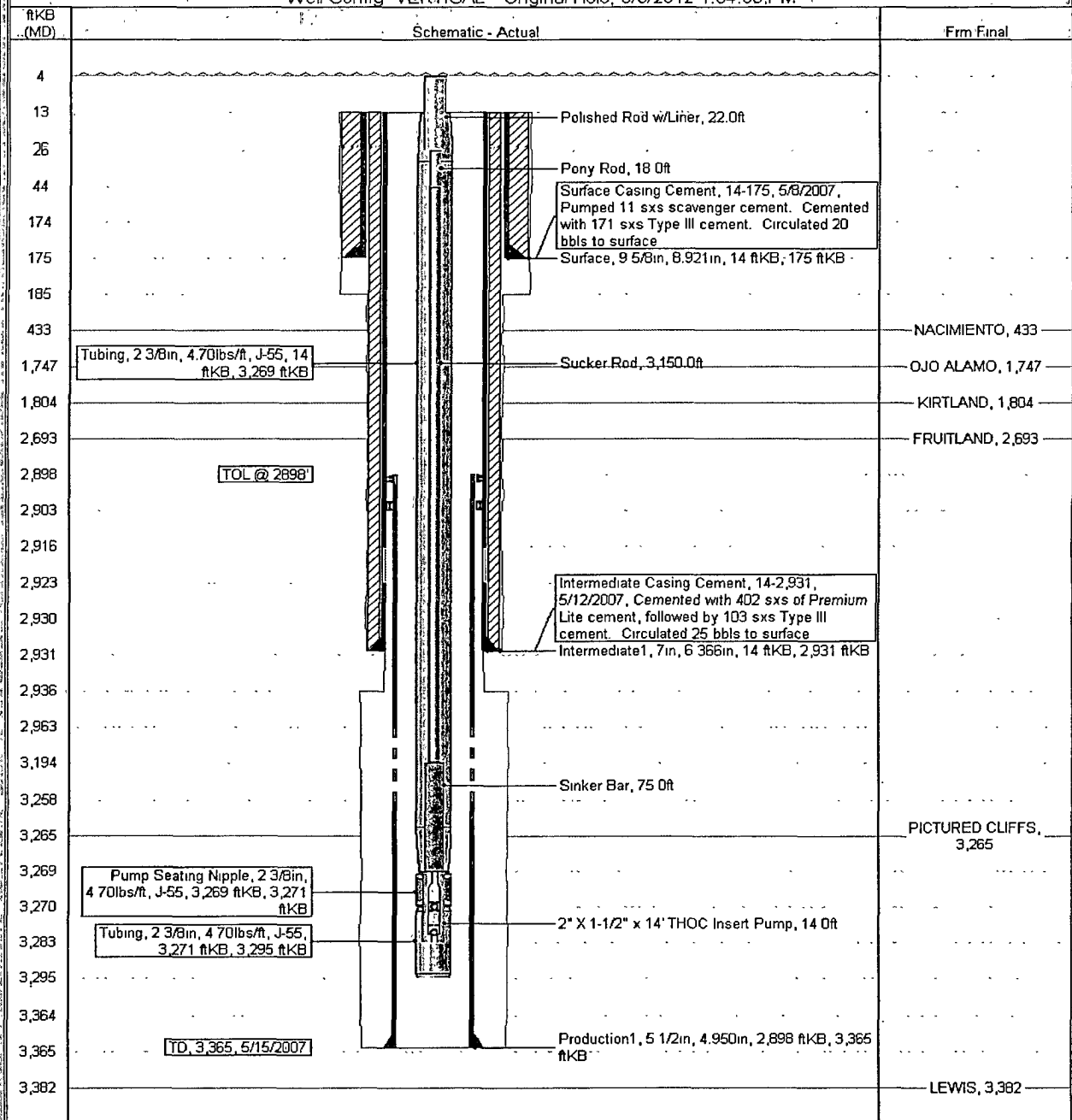
**ConocoPhillips**

Well Name: **NORDHAUS-716S**

# Current Schematic

API / UWI 3004532655	Surface Legal Location 013-31N-009W-0	Field Name HBR SAN JUAN	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL	<a href="#">Edit</a>
Ground Elevation (ft) 6,431.00	Original KB/RT Elevation (ft) 0.00	KB-Ground Distance (ft) -6,431.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config VERTICAL - Original Hole, 8/8/2012 1:04:09 PM



ConocoPhillips

Proposed Schematic

Well Name: NORDHAUS #716S

API / UWI 3004532655	Surface Legal Location 013-31N-009W-O	Field Name HBR SAN JUAN	License No.	State / Province NEW MEXICO	Well Configuration Type VERTICAL	Edit
Ground Elevation (ft) 6,431.00	Original MFT Elevation (ft) 0.00	HS Ground Distance (ft) 6,431.00	HS Casing (ft) (ft) (ft) (ft) (ft)	HS Tubing (ft) (ft) (ft) (ft) (ft)		

Well Config: VERTICAL - Original Hole, 1/1/2020

ftKB (MD)	Schematic - Actual	From Final
4		
13		
26		
44		
174		
175		
185		
255		
383		
433		NACIMIENTO, 433
483		
1,697		
1,747		OJO ALAMO, 1,747
1,804		KIRTLAND, 1,804
1,854		
2,643		
2,693		FRUITLAND, 2,693
2,848		
2,849	Cement Retainer, 2,848-2,849	
2,898	TOL @ 2898'	
2,903		
2,916		
2,923		
2,930		
2,931		
2,936		
2,963		
3,194		
3,258		
3,265		PICTURED CLIFFS, 3,265
3,269		
3,270		
3,283		
3,295		
3,364		
3,365	TD, 3,365, 5/15/2007	
3,382		LEWIS, 3,382

**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: 716S Nordhaus

**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) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Kirtland/Ojo Alamo plug from 2061' – 1904'.
  - b) Place the Nacimiento plug from 451' – 351'.

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.