

RECEIVED  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

DEC 16 2015

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.

Farmington Field Office  
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

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

Surface Unit E (SWNW), Sec. 14, T27N, R8W, 1644' FNL & 800' FWL

5. Lease Serial No.

SF-078476

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Oxnard A WN Federal 4

9. API Well No.

30-045-05019

10. Field and Pool or Exploratory Area

South Blanco Pictured Cliffs

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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. The Pre-Disturbance Site Visit was held on 12/8/2015 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop system will be used.

Notify NMOCD 24 hrs  
prior to beginning  
operations

OIL CONS. DIV DIST. 3

Approved as to plugging  
of the well bore. Liability  
under bond is retained until  
surface restoration is completed.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

JAN 04 2016

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

Dollie L. Busse

Title Regulatory Technician

Signature

*Dollie L. Busse*

Date

12/15/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*Mark Savage*

Title

PE

Date

12/30/15

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

PFO

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

5. *W*



**ConocoPhillips**  
**OXNARD A WN FEDERAL 4**  
**Expense - P&A**

Lat 36° 34' 35.868" N

Long 107° 39' 26.352" W

**PROCEDURE**

**NOTE:**

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 COP 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 per COP Well Control Manual. PU and remove tubing hanger.

5. TOOH with tubing (per pertinent data sheet).

Tubing size: 2-3/8" 4.7# J-55 EUE

Set Depth: 2,247'

KB: 10'

6. PU 4-3/4" bit and watermelon mill and round trip as deep as possible above top perforation at 2,215'.

7. PU 5-1/2" CR on tubing, and set at 2,165'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. POOH with tubing. **\*\*IF CASING DOES TEST, CONTACT WELLS ENGINEER FOR PATH FORWARD.\*\***

8. RU wireline and run CBL with 500 psi on casing from CR at 2,165' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Wells Engineer, Troy Salyers (BLM) at [tsalyers@blm.gov](mailto:tsalyers@blm.gov), and Brandon Powell (NMOCD) at [brandon.powell@state.nm.us](mailto:brandon.powell@state.nm.us) upon completion of logging operations.

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 - Pictured Cliffs Formation Top and Pictured Cliffs Perforations, 2065' - 2165', 17 Sacks Class B Cement**

Mix 17 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs top and Pictured Cliffs formation. PUH.

**10. Plug 2 - Fruitland Formation Top, 1750' - 1850', 17 Sacks Class B Cement**

Mix 17 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland top. POOH.

**11. Plug 3 - Ojo Alamo and Kirtland Formation Tops, 1340' - 1537', 86 Sacks Class B Cement**

RIH and perforate 3 squeeze holes at 1,537'. Establish injection rate into squeeze holes. RIH with a 5-1/2" CR and set at 1,487'. Mix 86 sx Class B cement. Squeeze 58 sx outside the casing, leaving 28 sx inside the casing to cover the Ojo Alamo and Kirtland tops. POOH.

**12. Plug 4 - Surface Casing Shoe and Surface Plug, 0' - 147', 56 Sacks Class B Cement**

RU WL and perforate 4 big hole charge (if available) squeeze holes at 147'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with a 5-1/2" CR and set at 97'. Mix 33 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 97'. Mix 23 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

13. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.

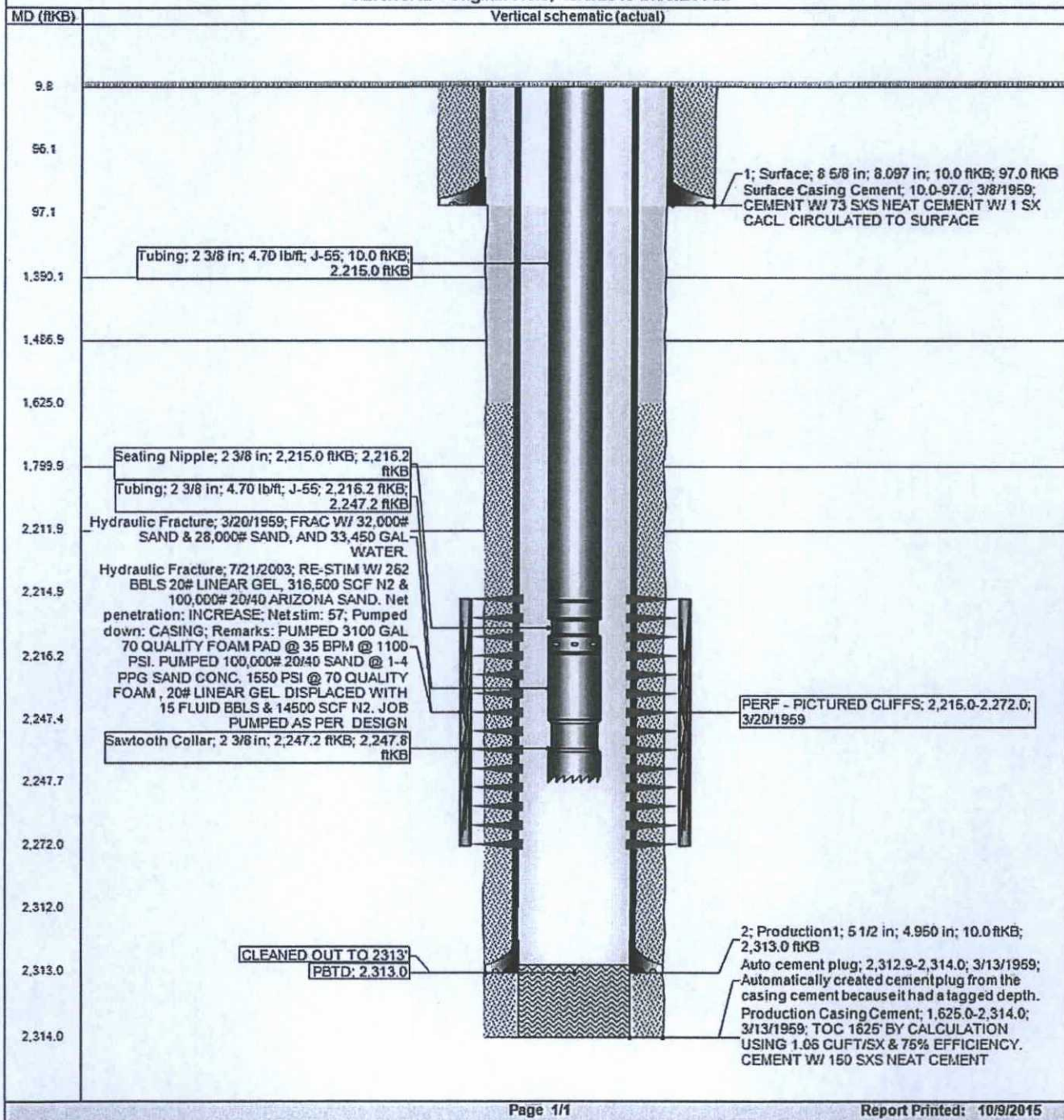




Basic - Schematic - Current  
OXNARD A WN FEDERAL #4

District SOUTH	Field Name BLANCO P.C. SOUTH (GAS)	API / UWI 3004505019	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 3/7/1959	Surface Legal Location 014-027N-008W-E	East/West Distance (ft) 800.00	East/West Reference FWL	North/South Distance (ft) 1,644.00
				North/South Reference FNL

VERTICAL - Original Hole, 10/9/2015 9:38:24 AM





**Proposed Schematic**

API / LWT 3004505019	Surface Legal Location 014-027N-008W-E	Field Name BLANCO P.C. SOUTH (GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 5,969.00	Original KB RT Elevation (ft) 5,979.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 5,979.00	KB-Tubing Hanger Distance (ft) 5,979.00	

**VERTICAL - Original Hole, 1/1/2020**

Vertical schematic (actual)	MD (ftKB)	Formation Tops
<p>1; Surface; 8 5/8 in; 8.097 in; 10.0 ftKB; 97.0 ftKB</p> <p>Surface Casing Cement; 10.0-97.0 3/8/1959; CEMENT W/ 73 SXS NEAT CEMENT W/ 1 SX CACL CIRCULATED TO SURFACE</p> <p>PERF - OTHER; 147.0; 1/1/2020</p> <p>Plug #4; 10.0-147.0; 1/1/2020; Mix 33 sx Class B cement squeeze until good cement returns to surface out BH valve. Mix 23 sx Class B cement pump inside plug.</p> <p>Plug #4; 147.0; 1/1/2020</p> <p>Cement Retainer; 97.0-100.0</p>	<p>9.6</p> <p>96.1</p> <p>97.1</p> <p>100.1</p> <p>147.0</p> <p>1,339.9</p>	
<p>Plug #3; 1,340.0-1,537.0; 1/1/2020</p> <p>Cement Retainer; 1,487.0-1,490.0</p> <p>Plug #3; 1,340.0-1,537.0; 1/1/2020; Mix 86 sx Class B cement squeeze 58 sx outside casing leaving 28 sx inside casing to cover Ojo Alamo &amp; Kirtland tops.</p> <p>PERF - OTHER; 1,537.0; 1/1/2020</p>	<p>1,390.1</p> <p>1,486.9</p> <p>1,490.2</p> <p>1,537.1</p> <p>1,625.0</p> <p>1,750.0</p>	<p>OJO ALAMO</p> <p>KIRTLAND</p>
<p>Plug #2; 1,750.0-1,850.0; 1/1/2020; Mix 17 sx Class B cement spot balanced plug inside casing to cover Fruitland top.</p> <p>Plug #1; 2,065.0-2,165.0; 1/1/2020; Mix 17 sx Class B cement spot balanced plug inside casing to cover Pictured Cliffs top &amp; Pictured Cliffs formation.</p> <p>Cement Retainer; 2,165.0-2,168.0</p> <p>Hydraulic Fracture; 3/20/1959; FRAC W/ 32,000# SAND &amp; 28,000# SAND, AND 33,450 GAL WATER.</p> <p>Hydraulic Fracture; 7/21/2003; RE-STIM W/ 262 BBLs 20# LINEAR GEL, 316,500 SCF N2 &amp; 100,000# 20/40 ARIZONA SAND. Net penetration: INCREASE; Netstim: 57; Pumped down: CASING; Remarks: PUMPED 3100 GAL 70 QUALITY FOAM PAD @ 35 BPM @ 1100 PSI. PUMPED 100,000# 20/40 SAND @ 1-4 PPG SAND CONC. 1550 PSI @ 70 QUALITY FOAM, 20# LINEAR GEL. DISPLACED WITH 15 FLUID BBLs &amp; 14500 SCF N2. JOB PUMPED AS PER DESIGN</p> <p>CLEANED OUT TO 2313'</p> <p>PBTD: 2,313.0</p>	<p>1,799.9</p> <p>1,850.1</p> <p>2,065.0</p> <p>2,165.0</p> <p>2,168.0</p> <p>2,211.9</p> <p>2,214.9</p> <p>2,272.0</p> <p>2,312.0</p> <p>2,313.0</p> <p>2,314.0</p>	<p>FRUITLAND</p> <p>PICTURED CLIFFS</p>
<p>PERF - PICTURED CLIFFS; 2,215.0-2,272.0; 3/20/1959</p> <p>2; Production 1; 5 1/2 in; 4.950 in; 10.0 ftKB; 2,313.0 ftKB</p> <p>Auto cement plug; 2,312.9-2,314.0 3/13/1959; Automatically created cement plug from the casing cement because it had a tagged depth.</p> <p>Production Casing Cement 1,625.0-2,314.0; 3/13/1959; TOC 1625' BY CALCULATION USING 1.06 CUFT/SX &amp; 75% EFFICIENCY. CEMENT W/ 150 SXS NEAT CEMENT</p>		



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: Oxnard A WN Federal #4

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) Set Plug #2 (1883-1783) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1833 ft.
- b) Bring the top of Plug #3 to 1310 ft. to cover the Ojo Alamo top. BLM picks top of Ojo Alamo at 1360 ft. Adjust cement volume accordingly.

Operator will run CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [tsalyers@blm.gov](mailto:tsalyers@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

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.