

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.

SF-080670

6. If Indian, Allottee or Tribe Name

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

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

San Juan 27-4 Unit

8. Well Name and No.

San Juan 27-4 Unit 116

9. API Well No.

30-039-21007

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

Surface

UL: 1 (NESE), 1680' FSL & 840' FEL, Sec. 32, T27N, R4W

11. Country or Parish, State

Rio Arriba

New Mexico

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 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 Oil & Gas Company LP requests permission to P&A the subject well bore per the attached procedure, current & proposed well bore schematics. A Closed loop system will be utilized for this P&A.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**OIL CONS. DIV DIST. 3
JUL 03 2014**

**Notify NMOCD 24 hrs
prior to beginning
operations**

**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)

Kenny Davis

Title **Staff Regulatory Technician**

Signature

Date

6/9/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy Salysess

Title

Petroleum Eng.

Date

7/1/2014

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

FFO

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.

ConocoPhillips
SAN JUAN 27-4 UNIT 116
Expense - P&A

Lat 36° 31' 38.28" N

Long 107° 16' 2.856" 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 being 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 1.25" Resilin coil tubing and remove slips.
5. TOOH with Rilsan tubing (per pertinent data sheet), cutting every 30'.

Tubing size: 1.25" Resilin CT	Suspected Depth: 3795 ftKB	KB: 12 ft
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6. RU wireline and run gauge ring to top of perforations at 3757'. If gauge ring cannot make it to 3757', contact engineer. PU CIBP for 2-7/8" OD, 2.441" ID casing on wireline, and set @ 3707'.
7. TIH with 1-1/4" IJ rental tubing, load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. TOOH with tubing. Run CBL with 500 psi on casing from CIBP to surface to identify TOC. *Adjust plugs as necessary for new TOC. TOC currently at 2700' per temperature survey in 1976.*

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.

See COA

8. Plug 1 (Pictured Cliffs, Fruitland Coal, and Ojo Alamo Formation Tops, 3158-3707', 17 Sacks Class B Cement)

TIH with tubing to 3707'. Mix 17 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs, Fruitland Coal, and Ojo Alamo formation tops. POOH.

9. Plug 2 (Nacimiento Formation Top, 1985-2085', 40 Sacks Class B Cement)

RIH and perforate 3 squeeze holes @ 2085'. Establish injection rate into squeeze holes. RIH w/ CR for 2-7/8" OD, 2.441" ID casing and set @ 2035' on wireline. Mix 40 sx Class B cement. Squeeze 35 sx outside the casing, leaving 5 sx inside the casing to cover the Nacimiento formation top. POOH.

10. Plug 3 (Surface, 0-183', 74 Sacks Class B Cement)

RIH with wireline and perforate 3 squeeze holes @ 183'. 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. Mix 74 sx Class B cement and circulate cement until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi, then close master valve on 2-7/8" production casing. 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.

Schematic - Proposed SAN JUAN 27-4 UNIT #116

District SOUTH	Field Name TAPACITO (PICTURED CLIFFS)	API / UWI 3003921007	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 7/16/1976	Surf Loc 032-027N-004W-I	East/West Distance (ft) 840.00	East/West Reference FEL	N/S Dist (ft) 1,680.00
North/South Reference FSL				

VERTICAL - Original Hole, 1/1/2020 2:45:00 AM

Vertical schematic (actual)	MD (ftKB)	Formation Tops
	12.1	
Plug #3; 12.0-133.4; 1/1/2020 1; Surface; 8 5/8 in; 8.097 in; 12.0 ftKB; 133.4 ftKB	132.2	
Surface Casing Cement; 12.0- 133.4; 7/20/1976; CEMENT W/ 90 SX CLASS 'B' W/ 3% CACL2 & 1/4#/SX FLOCELE CIRCULATED 4 BBLS TO SURFACE	133.2	
Plug #3; 133.4-183.0; 1/1/2020	133.5	
Plug #3; 12.0-183.0; 1/1/2020; Mix 74 sx Class B cement and squeeze until good cement returns to surface out BH valve.	183.1	
SQUEEZE PERFS; 183.0; 1/1/2020	1,984.9	
Cement Retainer; 2,035.0- 2,036.0	2,035.1	NACIMIENTO
Plug #2; 1,985.0-2,085.0; 1/1/2020	2,036.1	
SQUEEZE PERFS; 2,085.0; 1/1/2020	2,085.0	
Plug #2; 1,985.0-2,085.0; 1/1/2020; Mix 40 sx Class B cement. Squeeze 35 sx outside the casing, leaving 5 sx inside the casing to cover the Nacimiento formation top.	2,700.1	
	3,158.1	
	3,208.0	OJO ALAMO
	3,399.0	FRUITLAND
	3,527.9	FRUITLAN...
Bridge Plug - Permanent; 3,707.0-3,708.0	3,707.0	
Hydraulic Fracture; 9/20/1976; FRAC W/ 60,000# 10/20 SAND & 43,350 GALS TREATED WATER	3,708.0	
PERF - PICTURED CLIFFS; 3,757.0-3,818.0; 9/20/1976	3,748.0	PICTURED...
	3,755.9	
	3,817.9	
	3,818.9	LEWIS
	3,873.7	
PBTD; 3,875.0	3,875.0	
	3,884.2	
	3,885.2	
Auto cement plug; 3,875.0- 3,885.2; 9/11/1976; Automatically created cement plug from the casing cement because it had a tagged depth.		
Production Casing Cement; 2,700.0-3,885.2; 9/11/1976; TOC 2700' BY TEMP SURVEY ON 9/11/1976. CEMENT W/ 60 SXS CLASS 'B' 65/35 POZMIX W/ 12% GEL FOLLOWED BY 50 SXS CLASS 'B' NEAT		
2; Production1; 2 7/8 in; 2.441 in; 12.0 ftKB; 2-7/8", 6.4# K-55 (K- 55 not in pick list); 3,885.2 ftKB		

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: San Juan 27-4 Unit #116

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) Bring the top of plug 1 up to 3144 ft. to cover the Ojo Alamo top. Adjust cement volume accordingly.

Operator will run a CBL to verify cement top. Submit electronic copy of the log for verification to the following BLM address: tsalyers@blm.gov

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.