Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 21 2013
Farmington Field
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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2.*

5. Lease Serial No.: **SF-080670**

6. If Indian, Allottee or Tribe Name:

7. If Unit of CA/Agreement, Name and/or No.: **San Juan 27-4 Unit**

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.: **San Juan 27-4 Unit 115**

2. Name of Operator: **Burlington Resources Oil & Gas Company LP**

9. API Well No.: **30-039-21045**

3a. Address: **PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code): **(505) 326-9700**

10. Field and Pool or Exploratory Area: **Tapacito PC**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: **Surface UL F (SENW), 1450' FNL & 1840' FWL, 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			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[ ] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[X] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] 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 recomplete 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 recompletion 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 well bore schematics. A closed loop system will be utilized for this P&A.

RCVD OCT 24 '13
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)*: **Kenny Davis**

Title: **Staff Regulatory Technician**

Signature:

Date: **10/7/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: Original Signed: Stephen Mason

Title:

Date: OCT 23 2013

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
SAN JUAN 27-4 UNIT 115
Expense - P&A

Lat 36° 31' 58.872" N **Long 107° 16' 33.564" W**

Prepared by:	Leanna Martinez	**Date:**	August 23, 2013
Peer Reviwed by:	Jessie Dutko	**Date:**	August 26, 2013
Supervisor:	Jim Fodor		

Twinned Location: Yes **Currently Surface Commingled:** No

Scope of Work: P&A the wellbore and return the location to its natural state.

Est. Rig Days: 3 **Area:** 25 **Route:** 553
Formation: PC

WELL DATA

API: 3003921045 **Spud Date:** 7/19/1976
LOCATION: 1450' FNL & 1840' FWL, Spot F, Section 32 -T 027N - R 004W

Artificial lift on well (type): None **Est. Reservoir Pressure (psia):** 200 (PC)

Well Failure Date: February 1, 2013 **Earthen Pit Required:** NO

H2S: **0 ppm Always verify!** **Well Class:** 1 **Well Category:** 1
Refer to Well Control Manual for required barriers.

Special Requirements:
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. **Coil tubing unit for pulling tubing (coil is suspected to be kinked). One 2-7/8" CR, one 2-7/8" CIBP and full string of tubing for work string. CBL for 2-7/8" casing.**

Contacts	Name	Office #	Cell #
Well Intervention Engineer	Leanna Martinez	324-6110	215-2678
WI Backup Engineer	Jessica Simpson	324-6197	320-2596
PE Production Engineer	Michelle Bentson	326-9748	215-7634
MSO	Codey Yates		215-1000
Lead	Bobby Heinen	324-5198	320-2615
Area Foreman	Freddy Proctor	324-6121	486-6937

Well History/Justification
This well was drilled and completed as a slimhole Pictured Cliffs well in 1976. In 2000, 1-1/4" coiled tubing was installed. A casing cleanout was performed in 2004 and the coiled tubing was replaced. Slickline run on 7/2/13 could not drift wellhead; it is believed the coiled tubing is crimped by the lower valve. The well has not produced since February 2013 and has 60 psi on the casing. The well cannot currently produce and the casing pressure cannot produce against line pressure (100-150 psi). The well cannot afford a compressor installation. The well can afford $40M worth of work, which might cover the cost of a coiled tubing cleanout, but the workover completed in 2004 did not result in any uplift. It is recommended to plug and abandon this well.
A fluid level shot was obtained for this well on 8/8/2013. The Fluid level was at 803' with a liquid column of 2933'. The casing pressure was 71.8 psia. This large amount of liquid is suspect of a casing failure and the well cannot afford the necessary remedial work to repair the well.

Recommendation
This well is currently uneconomic, and there are no viable alternatives to get it producing economically, therefore it is recommended to plug and abandon the well.

Wells Engineer	Superintendent	Engineering Supervisor
Date: _____	Date: _____	Date: _____

ConocoPhillips
SAN JUAN 27-4 UNIT 115
Expense - P&A

Lat 36° 31' 58.872" N **Long 107° 16' 33.564" 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 coil tubing rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the bradenhead, contact Wells Engineer.**

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.

5. Rig up coil tubing unit.

6. POOH with coil tubing (per pertinent data sheet). RD and MO coiled tubing unit.

Tubing:	Yes	**Size:**	1-1/4"	**Length:**	3600'

7. MIRU P&A rig. ND wellhead and NU BOP. Pressure and function test BOP to 200-300 psi low and 1000 psi above SICP up to 2000 psi high as per COP Well Control Manual.

8. PU work string and roundtrip bit & watermelon mill for 2-7/8" casing to top perf @ 3633' or as deep as possible. **Do not run mill into perforations.**

9. RU wireline and RIH with 2-7/8" CIBP and set @ 3583'. Load hole. Pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Run CBL on 2-7/8" casing from 3583' to surface under pressure to identify TOC. Adjust procedure as appropriate for TOC.

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.

10. Plug 1 (Perforations, Pictured Cliffs, Fruitland, Kirtland & Ojo Alamo Formation Tops, 3583-3010', 18 Sacks Class B Cement)
TIH with tubing and test to 1000 psi. Mix 18 sx Class B cement and spot above CIBP to isolate the perforations & formation tops. POOH.

11. Plug 2 (Nacimiento, 1912-1812', 40 Sacks Class B Cement)
RIH and perforate 3 HSC holes at 1912'. Establish injection through squeeze holes. Set CR @ 1862'. Mix 40 sxs Class B cement. Sqz 35 sx Class B cement outside casing and leave 5 sx inside casing to isolate the Nacimiento top. POOH.

12. Plug 3 (Surface Shoe, 180-0', 73 Sacks Class B Cement)
RIH and perforate 3 HSC holes @ 180'. Establish circulation out bradenhead with water and circulate bradenhead annulus clean. Mix 73 sxs Class B cement. Pump cement down production casing and circulate cement to surface through bradenhead. LD tubing. Shut in well and WOC. Top out cement as necessary.

13. 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

SAN JUAN 27-4 UNIT #115

District	Field Name	API / UWI	County	State/Province
SOUTH	TAPACITO (PICTURED CLIFFS)	3003921045	RIO ARRIBA	NEW MEXICO

Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref
7/19/1976	032-027N-004W-F	1,840.00	W	1,450.00	N

Original Hole, 8/23/2013 1:57:13 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
12.1			
123.6			
128.6			
128.9			
1,551.9			1-1; Coiled tubing; 1 1/4; 12.0; 3,600.00
2,700.1			
3,060.0			
3,210.0			
3,271.0			
3,511.9			
3,521.1			
3,592.9			
3,638.0			
3,650.0			
3,725.0			
3,735.9			
3,736.9			

Report Printed: 8/23/2013

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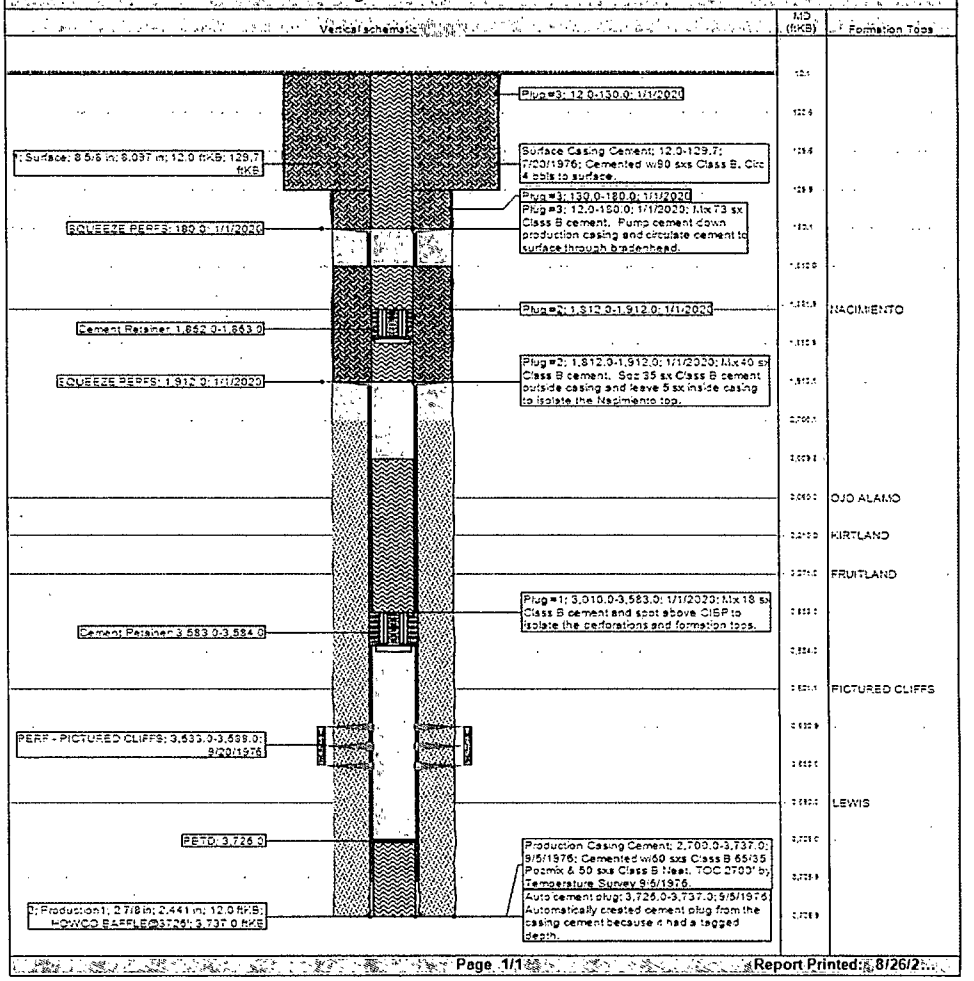
Schematic - Proposed
SAN JUAN 27-4 UNIT #115

District	Field Name	API / UWI	County	State/Province
SOUTH	TAPACITO (PICTURED CLIFFS)	3003921045	RIO ARRIBA	NEW MEXICO

Original Spud Date	Surf Loc	East/West Distance (ft)	East/West Reference	N/S Dist (ft)	North/South Reference
7/19/1976	032-027N-004W-F	1,840.00	W	1,450.00	N

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



Report Printed: 8/26/2...

Burlington Resources Oil & Gas Company, LP
Closed-loop Plans

Closed-loop Design Plan

BR's closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will include an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

1. Fencing is not required for an above ground closed-loop system
2. It will be signed in compliance with 19.15.3.103 NMAC
3. A frac tank will be on location to store fresh water

Closed-loop Operating and Maintenance Plan

BR's closed-loop tank will be operated and maintained to contain liquids and solids in order to prevent contamination of fresh water sources, in order to protect public health and the environment. To ensure the operation is maintained the following steps will be followed:

1. The liquids will be vacuumed out and disposed of at the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) on a periodic basis to prevent over topping.
2. No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cutting used or generated by rig operations will be placed or stored in the tank.
3. The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately

Closed-loop Closure Plan

The closed-loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludges to Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) immediately following rig operations. All remaining liquids will be transported and disposed of in the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.

GENERAL REQUIREMENTS FOR PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES FARMINGTON FIELD OFFICE

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densimeter/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously run or cement circulated to surface during the original casing cementing job or subsequent cementing jobs.

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.

5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.

6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H_2S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 1235 La Plata Highway, Suite A, Farmington, NM 87401. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.