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Form 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office  
Bureau of Land ManagementFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010SUNDRY 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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Burlington Resources Oil &amp; 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 UL C (NENW), 1170' FNL &amp; 1520' FWL, Sec.17, T24N, R6W

5. Lease/Serial No.

SF-078886

6. If Indian, Allottee or Tribe Name

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

Canyon Largo Unit

8. Well Name and No.

Canyon Largo Unit 217

9. API Well No.

30-039-20751

10. Field and Pool or Exploratory Area

Ballard PC

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 requests permission to P&A the subject well per the attached procedure, current & proposed wellbore schematics. The Pre-Disturbance site visit was held on 7/9/13 w/ Bob Switzer. The Re-Vegetation Plan is attached. A closed loop system will be utilized for this P&A.

RCVD JUL 18 '13  
OIL CONS. DIV.  
DIST. 3

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

Kenny Davis

Title Staff Regulatory Technician

Signature

Date

7/11/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUL 16 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 A

**ConocoPhillips**  
**CANYON LARGO UNIT 217 (PC)**  
**Expense - P&A**

Lat 36° 19' 0.012" N

Long 107° 29' 41.424" W

Prepared by: Kurtis Shaw  
Peer Reviewed by: Michelle Wilcox  
Supervisor: Ryan Frost

Date: 04/15/13  
Date: 05/13/13

Twinned Location: No                      Currently Surface Commingled: No

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

Est. Rig Days: 4                      Area: 26                      Route: 656  
Formation: PC

**WELL DATA**

API: 3003920751                      Spud Date: 9/6/1973  
LOCATION: 1170' FNL & 1520' FWL, Spot C, Section 17 -T 024N - R 006W

Artificial lift on well (type): None                      Est. Reservoir Pressure (psia): 180 (PC)

Well Failure Date: N/A                      Earthen Pit Required: NO

H2S: 0 ppm; Always Verify! This well has no known history of producing H2S. If while the rig is on location, H2S is suspected or encountered please contact Robert Ingram (324-5166) to evaluate for an H2S Contingency Plan and contact HSE H2S SPOC.

**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. Also, two 2-7/8" cement retainers, a CBL, a mill for 2-7/8" 6.4# casing, and 1-1/4" IJ workstring with tools to handle will be needed.

Contacts	Name	Office #	Cell #
PE Production Engineer	Kurtis Shaw	324-5193	215-3470
PE Backup	Michelle Wilcox	599-3460	405-517-0626
MSO	Mike Brown		609-3909
Lead	Ramon Florez	599-3479	320-2506
Area Foreman	Vance Roberts	599-3467	320-9567

**Well History/Justification**

The Canyon Largo Unit 217 was drilled and completed in June 1973 as a 2-7/8" slimhole Pictured Cliffs producer. The well does not have any history of remedial work, slickline, or swabbing. In the past 5 years, the well has been unable to sustain production over 6 MCFD.

The well is currently producing 4 MCFD. Since the well is at the end of its life, we do not expect to gain any production through remedial work. RAM's forecast indicates that we are currently producing below our abandonment rate.

**Recommendation**

Economic analysis shows that at the current rate the well is not profitable. The well has been unprofitable for 9 of the past 12 months. In addition, there are no possible remedial options. It is recommended to P&A the wellbore and return the location to its natural condition.

**ConocoPhillips**  
**CANYON LARGO UNIT 217**  
**Expense - P&A**

Lat 36° 19' 0.012" N

Long 107° 29' 41.424" 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.
5. ND wellhead and NU BOPE. Pressure and function test BOP.

<b>Rods:</b>	No	<b>Size:</b>	<b>Length:</b>
<b>Tubing:</b>	No	<b>Size:</b>	<b>Length:</b>
<b>Packer:</b>	No	<b>Size:</b>	<b>Length:</b>

6. PU 1-1/4" workstring and string mill, and round trip to top perforation at 2034', or as deep as possible.

7. PU cement retainer for 2-7/8" 6.4# casing and set at 1984'. Pressure test tubing to 1000 psi. Pressure test casing to 800 psi. If casing does not test, then spot and tag subsequent plugs as necessary. **Run CBL and adjust plugs accordingly.**

**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.**

**8. Plug 1 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo, 1368-1984', 19 Sacks Class B Cement)**

Mix 19 sx Class B cement and spot inside the casing above CR to isolate the Pictured Cliffs perforations and Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo formation tops. POOH.

**9. Plug 2 (Nacimiento, 664-764', 39 Sacks Class B Cement)**

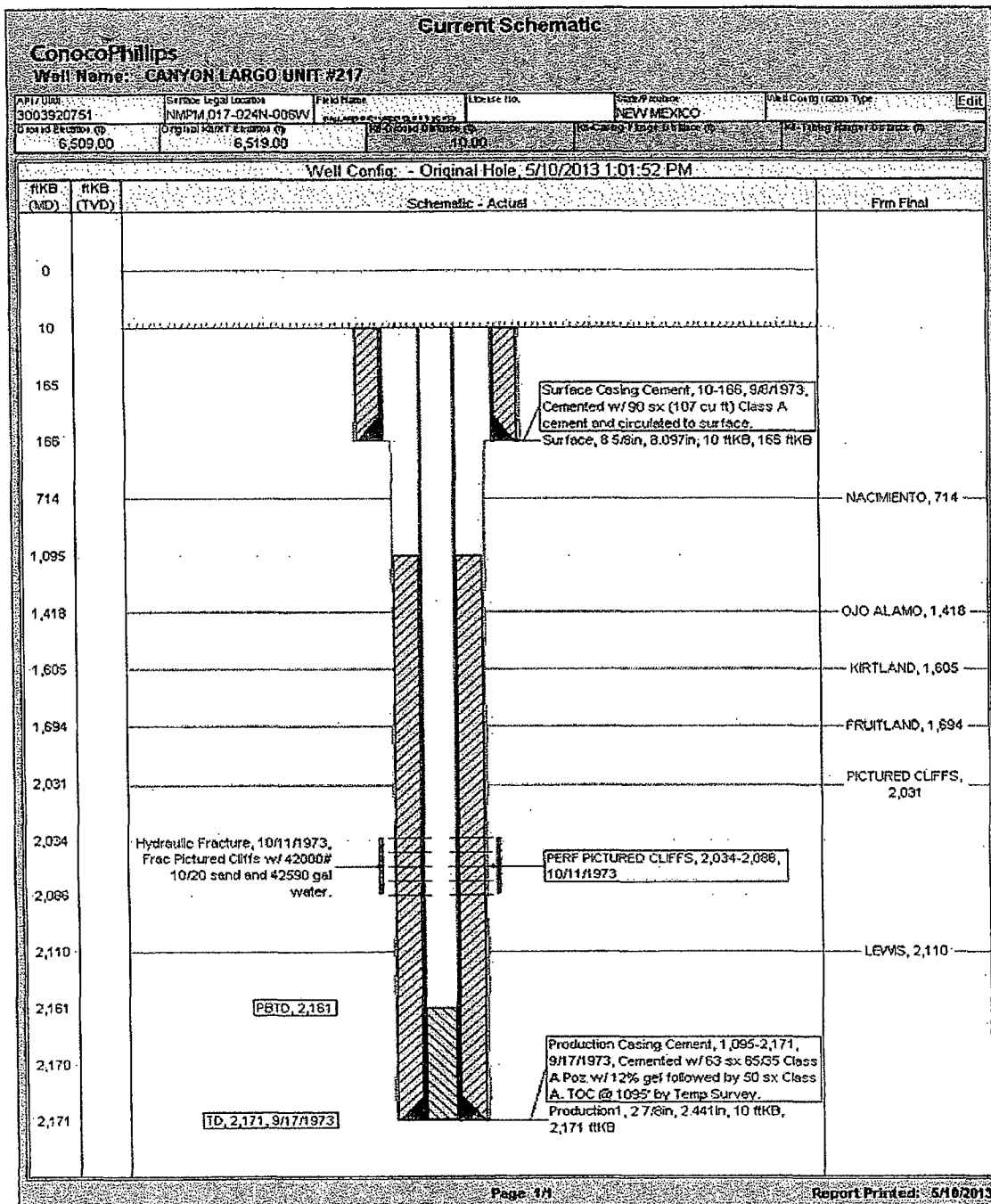
RIH and perforate 3 HSC holes at 764'. PU CR for 2-7/8" OD (2.441" ID) and set at 714'. TIH with tubing, sting into cement retainer, and establish circulation through squeeze holes. Mix 39 sx Class B cement and squeeze 35 sx outside the casing and leave 4 sx inside to cover the Nacimiento top. POOH.

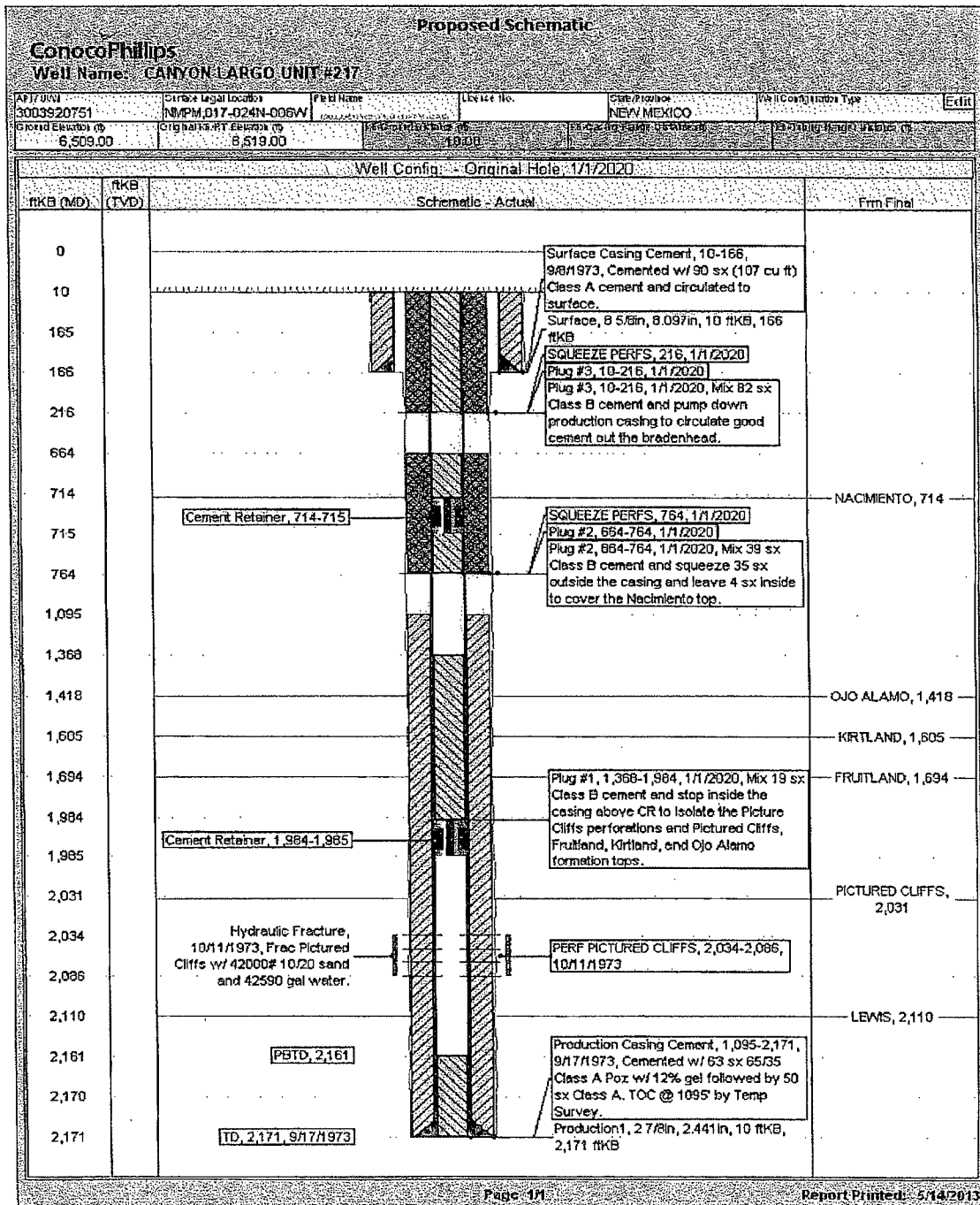
**10. Plug 3 (Surface Shoe and Surface Plug, 0-216', 82 Sacks Class B Cement)**

*Nacimiento up 76'*

Perforate 3 HSC holes at 216'. Establish good circulation out the bradenhead with water and circulate annulus clean. Mix 82 sx Class B cement and pump down production casing to circulate good cement out the bradenhead. Shut in the well 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.





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: 217 Canyon Largo Unit

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 Nacimiento/Surface Casing plug from 216'- surface inside and outside the 2 7/8" casing.

Note: the top of the Nacimiento is 76'.

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.