

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JUL 12 2013

**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-081325**  
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.  
**Canyon Largo Unit**

8. Well Name and No.  
**Canyon Largo Unit 86**

9. API Well No.  
**30-39-05237**

10. Field and Pool or Exploratory Area  
**Ballard PC**

11. Country or Parish, State  
**Rio Arriba, New Mexico**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface UL J (NWSE), 1850' FSL & 1650' FEL, Sec. 35, T24N, R6W**

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	

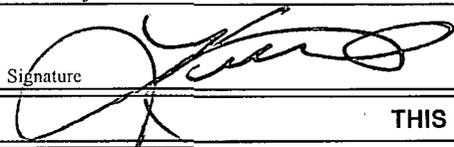
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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 & 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.

Notify NMOCD 24 hrs  
prior to beginning  
operations

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.

RECEIVED

**ConocoPhillips**  
**CANYON LARGO UNIT 86 (PC)**  
**Expense - P&A**

Lat 36° 16' 0.149" N

Long 107° 25' 57.756" W

Prepared by: Kurtis Shaw Date: 04/15/13  
Peer Reviewed by: Michelle Wilcox Date: 05/13/13  
Supervisor: Ryan Frost

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: 3003905237 Spud Date: 6/22/1957  
LOCATION: 1850' FSL & 1650' FEL, Spot J, Section 35 -T 024N - R 006W

Artificial lift on well (type): None Est. Reservoir Pressure (psia): 300 (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 5-1/2" cement retainers, a CBL, a mill for 5-1/2" 15.5# casing, and a 2-3/8" 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 86 was drilled and completed in March 1957 in the Pictured Cliffs. The wellbore includes 5-1/2" casing with 1-1/4" tubing. The well does not have any history of remedial work, slickline, or swabbing. In the past 11 years, the well has been unable to sustain production over 6 MCFD.

The well is currently producing 3 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 every month of the past year. 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 86**  
**Expense - P&A**

Lat 36° 16' 0.149" N

Long 107° 25' 57.756" 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. PU and remove tubing hanger.
6. TOOH and lay down the 1-1/4" tubing (per pertinent data sheet).

Rods:	No	Size:		Length:	
Tubing:	Yes	Size:	1-1/4"	Length:	2065'
Packer:	No	Size:		Length:	

7. PU 4-3/4" bit and string mill on 2-3/8" EUE work string and round trip to 2045' or as deep as possible.
8. PU cement retainer for 5-1/2" 15.5# casing and set at 1995'. 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.**

**9. Plug 1 (Pictured Cliffs, 1895-1995', 17 Sacks Class B Cement)**

Mix 17 sx Class B cement and spot inside the casing above the CR to isolate the Pictured Cliffs perforations and Pictured Cliffs formation top. PUH.

1801 1450

**10. Plug 2 (Fruitland, Kirtland, and Ojo Alamo, 1455-1775', 42 Sacks Class B Cement)**

Mix 42 sx Class B cement and spot a balanced plug inside the casing to isolate the Fruitland, Kirtland, and Ojo Alamo formation tops. PUH.

**11. Plug 3 (Nacimiento, 1089-1189', 17 Sacks Class B Cement)**

Mix 17 sx Class B cement and spot a balanced plug inside the casing to isolate the Nacimiento formation top. POOH.

**12. Plug 4 (Surface Shoe and Surface Plug, 0-170', 68 Sacks Class B Cement) Nacimiento 94'**

Perforate 3 HSC holes at 170'. Establish good circulation out the bradenhead with water and circulate annulus clean. Mix 68 sx Class B cement and pump down production casing to circulate good cement out the bradenhead. Shut in the well and WOC.

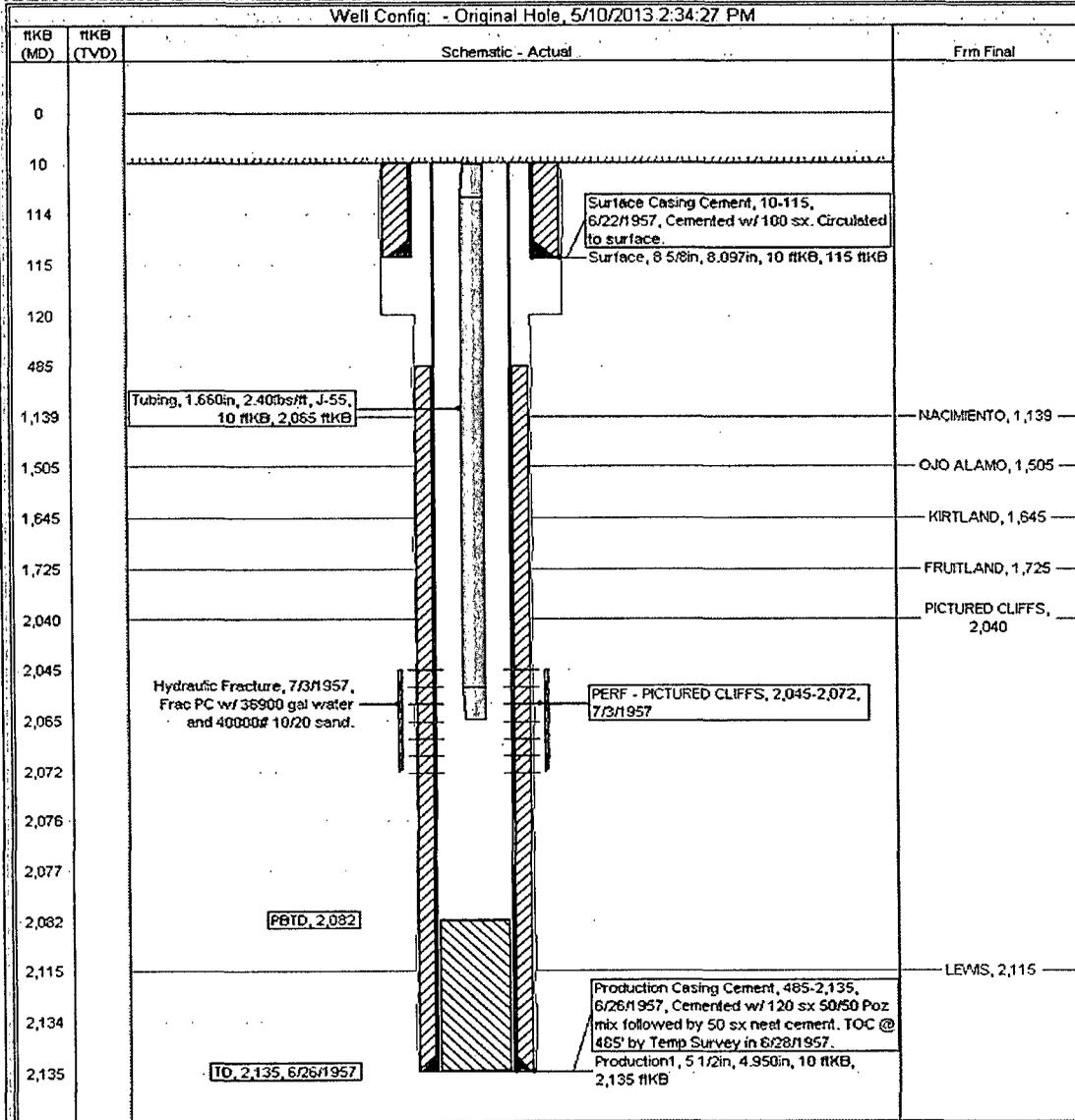
13. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

**Current Schematic**

**ConocoPhillips**  
**Well Name: CANYON LARGO UNIT #86**

API #/UWI 3003805237	State Legal Location NMPM 035-024N-006W	Field Name CANYON LARGO UNIT #86	License No.	State/Province NEW MEXICO	Well Completion Type Edit
Drilling Expense (\$) 6,626.00	Original Well Expense (\$) 6,636.00	Per-Completion Expense (\$) 10.00	Well-Casing Flight Expense (\$)	Well-Tubing Flight Expense (\$)	

Well Config: - Original Hole, 5/10/2013 2:34:27 PM



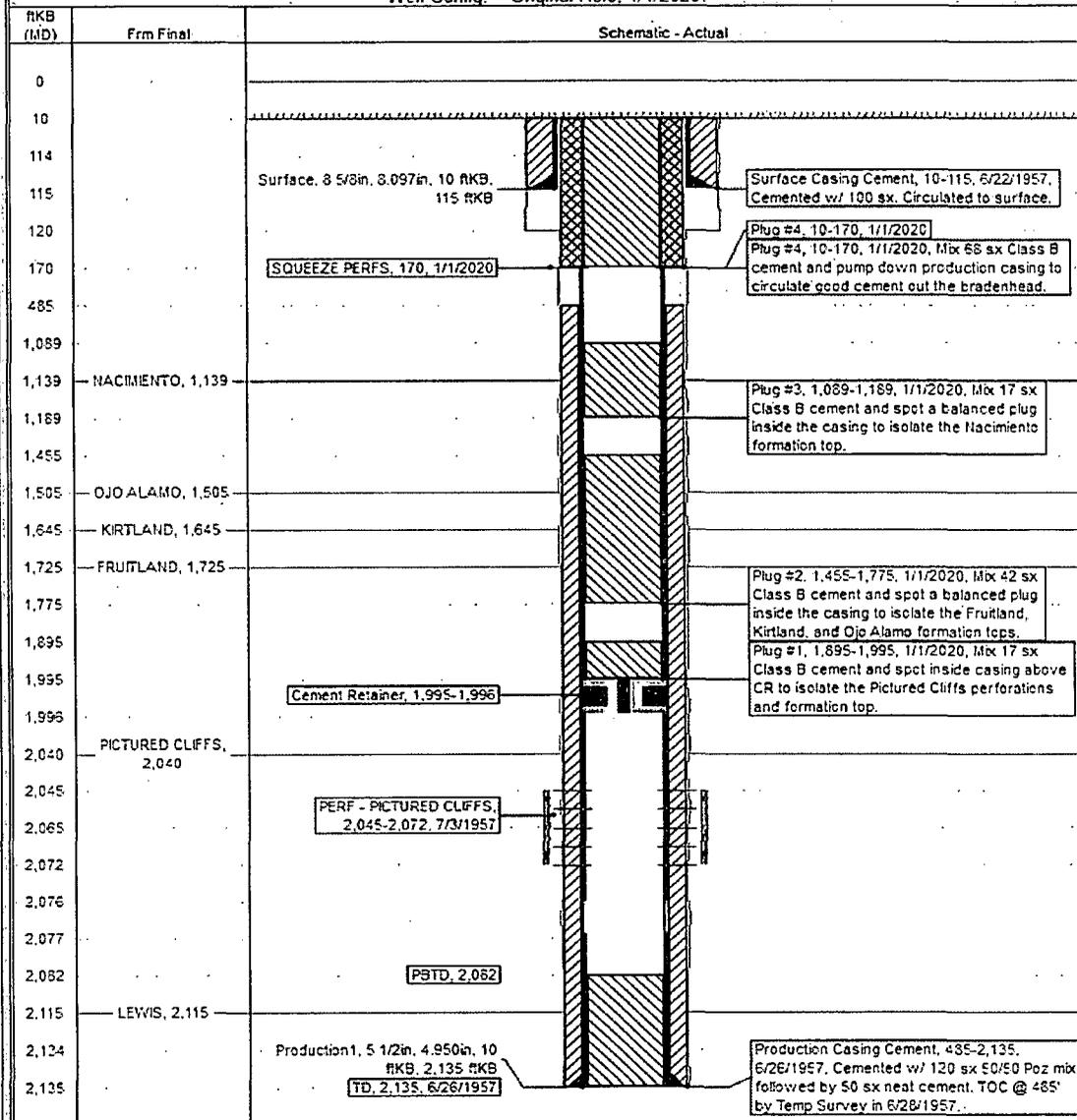
**ConocoPhillips**

**Proposed Schematic**

Well Name: **CANYON LARGO UNIT #86**

API/DAW 3003905237	Surface Legalization NMMPM 035-02411-006W	Field Name CANYON LARGO UNIT #86	License No.	State Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,626.00	Original KBRT Elevation (ft) 6,636.00	KBRT to TD Distance (ft) 10.00	Casing Floor Distance (ft)	KB-Tying Length Distance (ft)	

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



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: 86 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 Fruitland/Kirtland/Ojo Alamo plug from 1851' - 1450'.
  - b) Place the Nacimiento/Surface plug from 170' to surface inside and outside the 5 ½" casing.

Note: Nacimiento top is 94'.

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.