State of New Mexico
Energy, Minerals and Natural Resources Department

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 8/1/14
Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-27664-00-00	SAN JUAN 30 6 UNIT	437S	BURLINGTON RESOURCES OIL & GAS COMPANY LP	G	A	Rio Arriba	F	J	11	30	N	6	W

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Recomplete/DHC

☐ Location Change ☐ Other:

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Please extend Nacimiento plug to 975 feet

NMOCD Approved by Signature

8-28-14
Date

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 01 2014
Farmington Field Office

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

5. Lease Serial No. **NM-06283**

6. If Indian, Allottee or Tribe Name

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.

7. If Unit of CA/Agreement, Name and/or No. ***San Juan 30-6 Unit***

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. **San Juan 30-6 Unit 437S**

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

9. API Well No. **30-039-27664**

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

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

10. Field and Pool or Exploratory Area **Basin FC**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface **UL J (NWSE), 1640' FSL & 1880' FEL, Sec. 11, T30N, R6W**

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 bore per the attached procedure, current & proposed well bore schematics. The Pre P&AA onsite was held on 7/30/14 w/ Bob Switzer. The revegetation plan is attached. A closed loop system will be utilized for this P&A.

OIL CONS. DIV DIST. 3
AUG 14 2014

H_2S POTENTIAL EXIST

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

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Kenny Davis Title **Staff Regulatory Technician**

Signature Date **8/1/2014**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy Salyers Title Petroleum Eng. Date 8/12/2014

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.

(Instruction on page 2)

NMOCD

ConocoPhillips
SAN JUAN 30-6 UNIT 437S
Expense - P&A

Lat 36° 49' 27.228" N Long 107° 25' 44.616" 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 begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

4. TOOH w/ rod string and LD (per pertinent data sheet).
Size: 3/4" **Length:** 3,083'

5. 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 and remove tubing hanger

6. TOOH with tubing (per pertinent data sheet) and visually inspect tubing.
Tubing size: 2-3/8" 4.7# J-55 EUE **Set Depth:** 3102 ftKB **KB:** 12 ft

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.

7. Plug 1 (Pictured Cliffs Formation Top, 3019-3119', 23 Sacks Class B Cement)
TIH with tubing to 3119'. Mix 23 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs formation top. POOH.

8. PU 6-1/4" bit and watermelon mill and round trip as deep as possible above liner top @ 2724'.

9. PU CR for 7" OD, 6.456" ID casing on tubing, and set @ 2714'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* POOH w/ tubing.

10. RU wireline and run CBL with 500 psi on casing from CR to surface to identify TOC. *Adjust plugs as necessary for new TOC.*

See COA

11. Plug 2 (Fruitland Coal, Kirtland, and Ojo Alamo Formation Tops, 2247-2714', 100 Sacks Class B Cement)
Mix 100 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland Coal, Kirtland, and Ojo Alamo formation tops. PUH.

See COA

12. Plug 3 (Nacimiento Formation Top, 975-1075', 29 Sacks Class B Cement)
Mix 29 sx Class B cement and spot a balanced plug inside the casing to cover the Nacimiento formation top. PUH.

13. Plug 4 (Surface Plug, 0-182', 45 Sacks Class B Cement)
Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 45 sx Class B cement and spot balanced plug inside casing from 182' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface, filling the casing and the BH annulus to surface. Shut well in and WOC.

14. 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

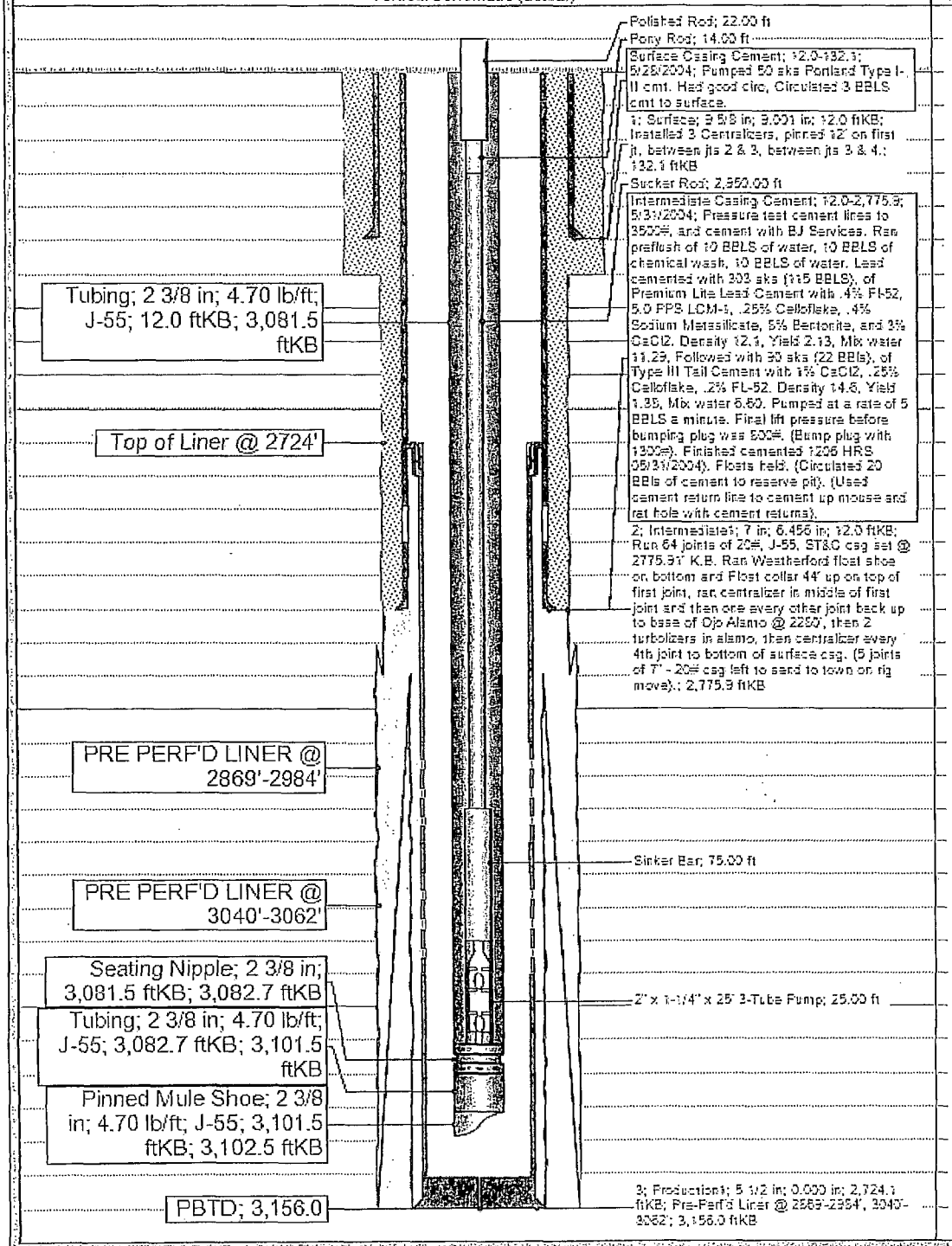
ConocoPhillips

Well Name: SAN JUAN 30 6 UNIT #437S

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003927664	011-030N-006W-J	BASIN (FRUITLAND COAL)		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,178.00	6,190.00	12.00	6,190.00	6,190.00

Original Hole, 6/19/2014 8:05:25 AM



Schematic - Proposed

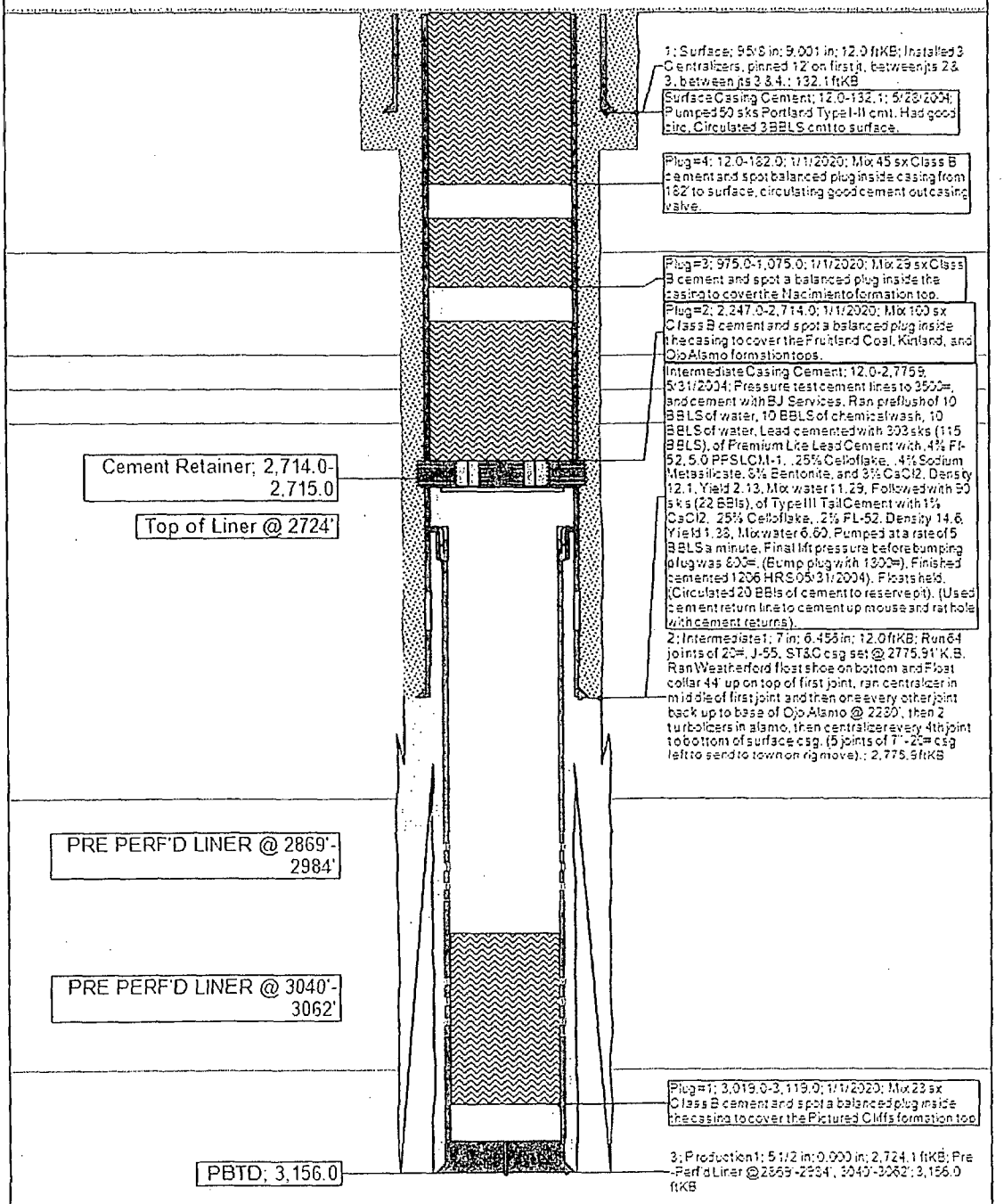
SAN JUAN 30-6 UNIT #437S

ConocoPhillips

District	Field Name	API / UWI	County	State/Province
NORTH	BASIN (FRUITLAND COAL)	3003927664	RIO ARRIBA	NEW MEXICO

Original Spud Date	Surf Loc	East/West Distance (ft)	East/West Reference	N/S Dist (ft)	North/South Reference
5/27/2004	011-030N-006W-J	1,880.00	FEL	1,640.00	FSL

Original Hole, 1/1/2020 3:00:00 AM



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 30-6 Unit #437S

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 #2 to 2087 ft. to cover the Fruitland Coal, Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.

b) Set plug #3 (866-766) ft. to cover the Nacimiento top.

Operator will run a CBL from 2714 ft. to surface to verify cement top. Submit electronic copy of the log for verification to the following BLM address: tsalyers@blm.gov

Note: Operator has reported low concentrations of H2S (24 ppm GSV) at this location.

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.