State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division

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
30-039-29338-00-00	SAN JUAN 30 6 UNIT	405S	BURLINGTON RESOURCES OIL & GAS COMPANY LP	G	A	Rio Arriba	F	E	9	30	N	6

Application Type:

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

☐ Location Change ☐ Other:

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Extend Plug #1 up to 2720

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

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

5. Lease Serial No. NM-03384

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.

6. If Indian, Allottee or Tribe Name

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 [X] Gas Well [ ] Other

8. Well Name and No.
San Juan 30-6 Unit 405S

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

9. API Well No.
30-039-29338

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 E (SWNW), 2360' FNL & 895' FWL, Sec. 9, 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			
[X] 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	[X] 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

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 PV

ConocoPhillips
SAN JUAN 30-6 UNIT 405S
Expense - P&A

Lat 36° 49' 40.397" N **Long 107° 28' 24.809" 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 and remove tubing hanger

5. TOOH with tubing (per pertinent data sheet).
Tubing size: 2-3/8" 4.7# J-55 EUE **Set Depth:** 2910 ftKB **KB:** 12 ft

6. PU 6-1/4" bit and watermelon mill and round trip to 2750' or as deep as possible.

7. PU 7" cement retainer on tubing, and set at 2709'. 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.

8. RU wireline and run CBL with 500 psi on casing from CIBP to surface to identify TOC. *Adjust plugs as necessary for new 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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

See COA

9. Plug 1 (Fruitland, 2609-2709', 29 Sacks Class B Cement)
Mix cement as described above. Spot inside plug on top of cement retainer from 2709- 2609' to cover the Fruitland Formation Top. Pull up hole.

See COA

10. Plug 2 (Kirtland and Ojo Alamo, 2250-2460', 51 Sacks Class B Cement)
Mix cement as described above. Spot balanced plug from 2460'-2250' to cover the Kirtland and Ojo Alamo Formation Tops. Pull up hole.

See COA

11. Plug 3 (Nacimiento, 996-1096', 29 Sacks Class B Cement)
Mix cement as described above. Spot balanced plug from 1096'-996' to cover the Nacimiento Formation Top.

12. Plug 4 (Surface Plug, 0-187', 46 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 cement as described above and spot balanced plug inside casing from 187' 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.

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 2

ConocoPhillips

Well Name: SAN JUAN 30-6 UNIT #405S

API / UWI	Surface Legal Location	Field Name	License No.	State Province	Well Configuration Type
3003929338	009-030N-006W-E	EASIN (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)
6,212.00	6,224.00	12.00	6,224.00	6,224.00

Original Hole, 6/5/2014 2:14:13 PM

MD (ftKB)	Vertical schematic (actual)	Formation Tops
12.1	Tubing Hanger; 7 1/16 in; 4.70 lb/ft; J-55; 12.0 ftKB; 13.0 ftKB	
13.1		
14.1		
136.2		
137.1	1; Surface; 9 5/8 in; 9.001 in; 12.0 ftKB; 137.0 ftKB — SINGLE STAGE; 12.0-137.0; 7/29/2004	
140.1		
1,045.9	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 13.0 ftKB; 2,873.0 ftKB	NACIMIENTO
2,299.9		OJO ALAMO
2,410.1		KIRTLAND
2,659.1		FRUITLAND
2,862.9		
2,873.0	Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 2,873.0 ftKB; 2,876.9 ftKB	
2,877.0		
2,878.0		
2,878.9		
2,883.9	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 2,876.9 ftKB; 2,908.2 ftKB	FRUITLAND COAL
2,908.1		
2,909.1	2; Intermediate1; 7 in; 6.456 in; 12.0 ftKB; RUN 68 JOINTS OF 20#, J-55, ST&C CSG SET @ 2922.79' K.B. RAN WEATHERFORD FLOAT SHOE ON BOTTOM AND FLOAT COLLAR 44' UP ON TOP OF FIRST JOINT. RAN CENTRALIZER IN MIDDLE OF FIRST JOINT AND THEN ONE EVERY OTHER JOINT BACK UP TO BASE OF OJO ALAMO @ 2350', THEN 2 TURBOLIZERS IN ALAMO, THEN CENTRALIZER EVERY 4TH JOINT TO BOTTOM OF SURFACE CSG. (5 JOINTS OF 7"" - 20# CSG LEFT TO SEND TO TOWN ON RIG MOVE). DFW String Key = 62TH5; 2,923.0 ftKB — Profile Nipple; 2 3/8 in; 4.70 lb/ft; J-55; 2,908.2 ftKB; 2,909.1 ftKB	
2,909.4	Mule Shoe Collar; 2 3/8 in; 4.70 lb/ft; J-55; 2,909.1 ftKB; 2,909.5 ftKB	
2,921.9		
2,922.9	SINGLE STAGE; 12.0-2,923.0; 8/2/2004	
2,924.9		
2,952.1		
3,020.0		
3,150.9		
3,205.1		PICTURED CLIFFS
3,306.1		

Report Printed: 6/5/2014

Proposed Schematic

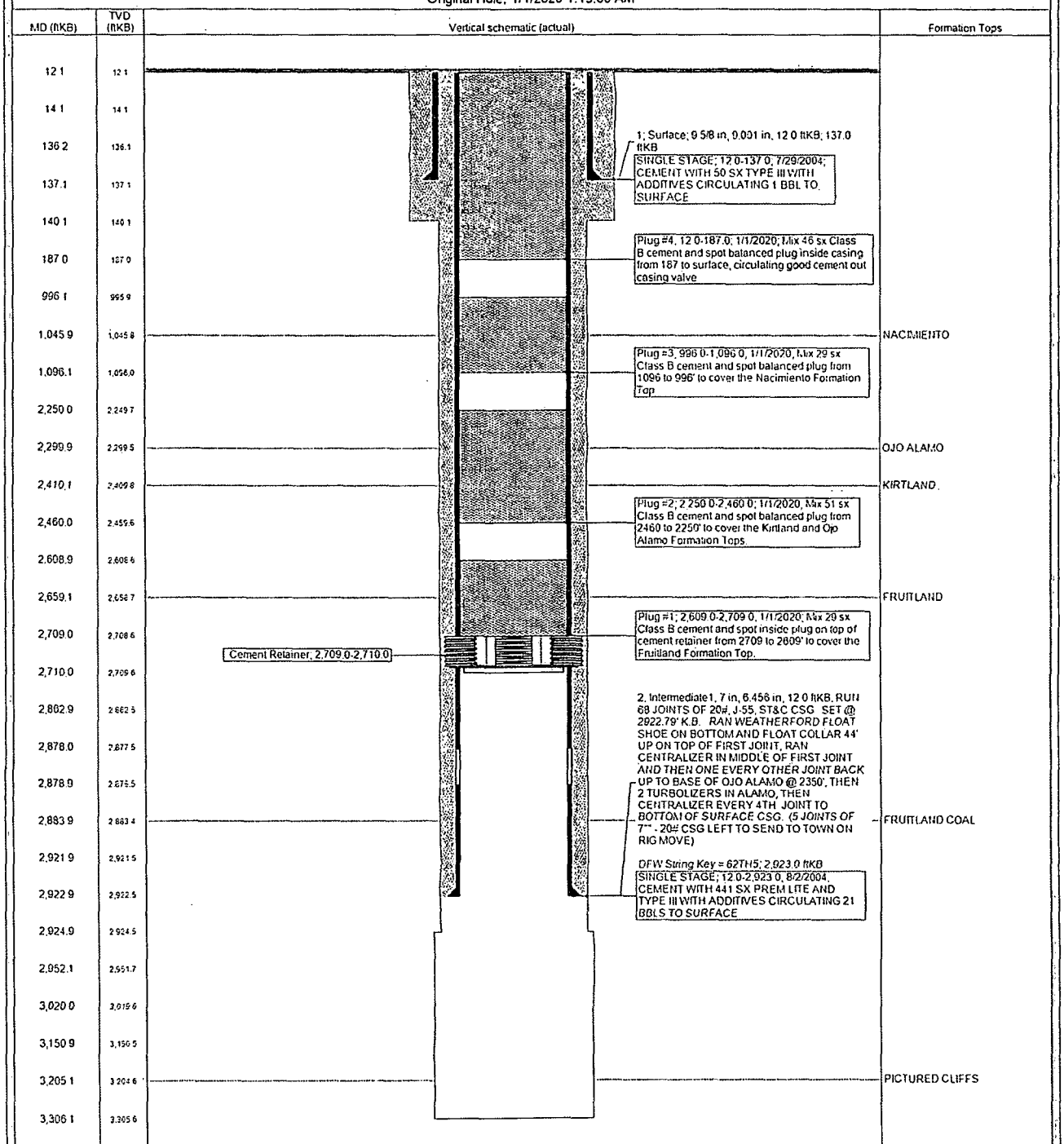
ConocoPhillips

Well Name: SAN JUAN 30-6 UNIT #405S

API / UWI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type
3003929338	009-030N-006W-E	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)
6,212.00	6,224.00	12.00	6,224.00	6,224.00

Original Hole, 1/1/2020 1:15:00 AM



Report Printed: 6/5/2014

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 #405S

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) Set plug #1 (2923 [7" casing shoe] -2823) ft. to cover the Fruitland Coal top. BLM picks top of Fruitland Coal at 2937 ft.

b) Bring the top of plug #2 to 2162 ft. to cover the Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.

c) Bring the top of plug #3 to 967 ft. to cover the Nacimiento top. Adjust cement volume accordingly.

Operator will run a CBL from 2923 ft. to surface 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.