State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

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: 6/20/13

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-29439-00-00	SAN JUAN 30 6 UNIT	455S	BURLINGTON RESOURCES OIL & GAS COMPANY LP	G	A	Rio Arriba	F	D	18	30	N	6	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations.

Extend Nacimiento plug down to 1132ft.

NMOCD Approved by Signature

JUL 18 2013
Date

1220 South St. Francis Drive • Santa Fe, New Mexico 87505
Phone (505) 476-3460 • Fax (505) 476-3462 • www.emnrd.state.nm.us/ocd

RECEIVED

JUN 21 2013

Farmington Field Office
Bureau of Land Management

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No. **NM-03384**

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 455S**

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

9. API Well No. **30-039-29439**

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: D (NWNW), 1105' FNL & 600' FWL, Sec. 18, 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 per the attached procedure, current & proposed wellbore schematics. The pre-Disturbance site visit was held on 6/19/13 with Bob Switzer. The Re-Vegetation plan is attached.

OIL CONS. DIV DIST. 3

JUL 01 2013

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

Signature Date **6/20/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason** Title Date **JUN 26 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 30-6 UNIT 455S
Expense - P&A

Lat 36° 49' 0.516" N **Long 107° 30' 38.232" 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. Unseat pump and kill well with water, as necessary, and at least pump tubing capacity of water down tubing.

5. TOOH w/ 3/4" rods and LD.

6. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.

7. TOOH with 2-3/8" tubing (per pertinent data sheet).

Rods:	Yes	**Size:**	3/4"	**Set Depth:**	3,372'
Tubing:	Yes	**Size:**	2-3/8"	**Set Depth:**	3,392'

Round trip watermelon mill to Top of Liner @ 3072' or as deep as possible.

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 Formation Top, 3307-3407', 17 Sacks Class B Cement)
TIH with tubing. Mix 17 sxs Class B cement and spot a balanced plug inside the casing to isolate the Pictured Cliffs formation top. POOH.

9. PU and set CR for 7" OD, 6.456" ID casing at 3062' on tubing. Load hole with water and circulate clean. Pressure test casing to 560 psi and tubing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. TOOH with tubing.

10. RU wireline and run CBL from 3,062' to surface and contact Rig Supervisor and Production Engineer with results.

11. Plug 2 (Fruitland Coal Top, Open Hole, Intermediate Shoe, and Liner Top, 2962-3062', 29 Sacks Class B Cement)
TIH with tubing. Mix 29 sx Class B cement and spot inside the casing above CR to isolate the Fruitland Coal Top, Open Hole, Intermediate Shoe, and Liner Top. PUH.

12. Plug 3 (Kirtland and Ojo Alamo Formation Tops, ~~2337~~ 2565-2266', ~~52~~ Sacks Class B Cement)
Mix ~~52~~ sx Class B cement and spot a balanced plug inside the casing to isolate the Kirtland and Ojo Alamo formation tops. PUH.

13. Plug 4 (Nacimiento Formation Top, ~~950-1050~~ 1023-923', 29 Sacks Class B Cement)
Mix 52 sx Class B cement and spot a balanced plug inside the casing to isolate the Nacimiento formation top. PUH.

14. Plug 5 (Surface Shoe, 0-210', 51 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 51 sxs Class B cement and spot a balanced plug inside the casing from 210' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 7" casing and the BH annulus to surface. Shut well in and WOC.

12. 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 #455S

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003929439	NMPM,013-030N-006W	BASIN (FRUITLAND COAL)		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,425.00	6,437.00	12.00	6,437.00	6,437.00

Well Config: - Original Hole, 3/22/2013 10:43:57 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
-7			
12	12	Polished Rod, 22.0ft	
14	14		
15	15	Pony Rods (8', 6', 4'), 18.0ft	
33	33		
53	53	Suface Casing Cement, 12-160, 6/25/2005, Cmt'd w/ 59 sxs Type 1-2 Portland. Circ 3 bbl to surface.	
74	74		
159	159	CASING - SURFACE, 9 5/8in, 9.001in, 12 ftKB, 160 ftKB	
160	160		
163	163	Tubing Blue band, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 596 ftKB	
596	596		
1,000	1,000	Tubing Yellow band, 2 3/8in, 4.70lbs/ft, J-55, 596 ftKB, 3,359 ftKB	NACIMIENTO, 1,000
2,387	2,387	Sucker Rod, 3,150.0ft	OJO ALAMO, 2,387
2,504	2,504		KIRTLAND, 2,504
3,072	3,072	Drop-Off Tool @ 3072'	
3,077	3,076	Intermediate Casing Cement, 12-3,121, 7/2/2005, Cmt'd lead scavenger cmt of 9 sxs Type III followed by lead of 346 sxs Premium Lite Type III followed by tail of 90 sxs Type III. Circ 20 bbl to surface.	
3,077	3,077		
3,077	3,077		
3,120	3,120		
3,121	3,121	INTERMEDIATE CASING, 7in, 6.456in, 12 ftKB, 3,121 ftKB	
3,122			
3,126			FRUITLAND, 3,126
3,141		Pre-Perf Liner w/ 1spf @ 3141-3271' on 8/27/2005	
3,183			
3,199		Pony Rods (8', 8'), 16.0ft	
3,271		Sinker Bar, 150.0ft	
3,314		Pre-Perf Liner w/ 1spf @ 3314-3358' on 8/27/2005	
3,349		Safety Joint, 0.5ft	
3,350			
3,357		Guided Rod, 8.0ft	PICTURED CLIFFS, 3,357
3,358			
3,358		Profile Nipple, 2 3/8in, 3,359 ftKB, 3,360 ftKB	
3,359		Pony Rod, 1.0ft	
3,360		Tubing Price Type MA, 2 3/8in, 4.70lbs/ft, J-55, 3,360 ftKB, 3,391 ftKB	
3,371		2" x 1-1/4" x 12' Insert Pump, 12.0ft	
3,372		Collar, 2 3/8in, 3,391 ftKB, 3,391 ftKB	
3,391		Strainer Nipple, 1.0ft	
3,391		Cross Over, 2 3/8in, 3,391 ftKB, 3,392 ftKB	
3,391		Mule Shoe, 1 5/8in, 3,392 ftKB, 3,392 ftKB	
3,392			
3,445		PBTD, 3,445	
3,447		TD, 3,447, 8/25/2005	
3,558		LINER - PRODUCTION, 5 1/2in, 3,072 ftKB, 3,447 ftKB	

Proposed Schematic

ConocoPhillips

Well Name: SAN JUAN 30-6 UNIT #455S

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003929439	NMPM,018-030N-006W	BASIN (FRUITLAND COAL)		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,425.00	6,437.00	12.00	6,437.00	6,437.00

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

ftKB (MD)	Frm Final
-7	
12	
14	
15	
33	
53	
74	
159	
160	
163	
210	
596	
950	
1,000	NACIMIENTO, 1,000
1,050	
2,337	
2,387	OJO ALAMO, 2,387
2,504	KIRTLAND, 2,504
2,554	
2,962	
3,062	
3,063	
3,072	
3,077	
3,077	
3,077	
3,120	
3,121	
3,122	
3,126	FRUITLAND, 3,126
3,141	
3,183	
3,199	
3,271	
3,307	
3,314	
3,349	
3,350	
3,357	PICTURED CLIFFS, 3,357
3,358	
3,358	
3,359	
3,360	
3,371	
3,372	
3,391	
3,391	
3,391	
3,392	
3,407	
3,445	
3,447	
3,558	

Schematic - Actual

CASING - SURFACE, 9 5/8in, 9.001in, 12 ftKB, 160 ftKB

Cement Retainer, 3,062-3,063

Drop-Off Tool @ 3072'

INTERMEDIATE CASING, 7in, 6.456in, 12 ftKB, 3,121 ftKB

Pre-Perf Liner w/ 1spf @ 3141-3271' on 8/27/2005

Pre-Perf Liner w/ 1spf @ 3314-3358' on 8/27/2005

PBTD, 3,445

LINER - PRODUCTION, 5 1/2in, 3,072 ftKB, 3,447 ftKB

TD, 3,447, 8/25/2005

Suface Casing Cement, 12-160, 6/25/2005, Cmt'd w/ 59 sxs Type 1-2 Portland. Circ 3 bbl to surface.

Plug #5, 12-210, 1/1/2020, Mix 51 sx Class B cement and spot a balanced plug inside the casing from 210' to surface, circulate good cement out casing valve.

Plug #4, 950-1,050, 1/1/2020, Mix 52 sx Class B cement and spot a balanced plug inside casing to isolate the Nacimiento formation top.

Plug #3, 2,337-2,554, 1/1/2020, Mix 52 sx Class B cement and spot a balanced plug inside casing to isolate the Kirtland and Ojo Alamo formation tops.

Plug #2, 2,962-3,062, 1/1/2020, Mix 29 sx Class B cement and spot inside casing above CR to isolate the Fruitland Coal top, open hole, intermediate shoe, and liner top.

Intermediate Casing Cement, 12-3,121, 7/2/2005, Cmt'd lead scavenger cmt of 9 sxs Type III followed by lead of 346 sxs Premium Lite Type III followed by tail of 90 sxs Type III. Circ 20 bbl to surface.

Plug #1, 3,307-3,407, 1/1/2020, Mix 17 sx Class B cement and spot a balanced plug inside the casing to isolate the Pictured Cliffs formation top.

Report Printed: 4/25/2013

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: 455S San Juan 30-6 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 Kirtland/Ojo Alamo plug from 2565' - 2266'.

b) Place the Nacimiento plug from 1023'- 923'.

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.