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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
NMSF-078741

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 488S

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

9 API Well No
30-039-27759

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 Fruitland Coal

4 Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface **Unit J (NWSE), 2190' FSL & 835' FEL, Sec. 24, 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
BP	☐ 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 and proposed wellbore schematics.

RCVD AUG 16 '12
OIL CONS. DIV.
DIST. 3

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

Signature Dollie L Busse Date 8/7/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Original Signed: Stephen Mason
Title
AUG 14 2012
Date

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 488S
Expense - P&A

Lat 36° 47' 48.696" N **Long 107° 24' 36.108" 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. TOOH w/ rods and LD.

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

7. TOOH with tubing (per pertinent data sheet).

Rods:	Yes	**Size:**	3/4"	**Length:**	3,235
Tubing:	Yes	**Size:**	2-3/8"	**Length:**	3,255'

Round trip casing scraper to Top of Liner @ 2,874' 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 (Fruitland Coal Top, Open Hole, Intermediate Shoe, and Liner Top, 2675-2854', 45 Sacks Class B Cement)
RIH and set 7" CR at 2,854'. Load tubing with water and circulate clean. Pressure test casing to 800 psi and tubing to 560 psi. If casing does not test, isolate leaks and contact production engineer with results. Mix 45 sx Class B cement and spot inside the casing above CR to isolate the liner top, intermediate shoe, open hole and Fruitland Coal formation top. PUH.

2216 2542

9. Plug 2 (Kirtland and Ojo Alamo Formation Tops, ~~2355~~-2549', ~~48~~ Sacks Class B Cement)
Mix ~~48~~ sx Class B cement and spot a balanced plug inside the casing to isolate the Kirtland and Ojo Alamo formation tops. PUH.

1046 946

10. Plug 3 (Nacimiento Formation Top, ~~974-1071~~', 29 Sacks Class B Cement)
Mix 29 sx Class B cement and spot a balanced plug inside the casing to isolate the Nacimiento formation top. PUH.

11. Plug 4 (Surface Shoe, 0-194', 48 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 48 sxs Class B cement and spot a balanced plug inside the casing from 194' 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 #488S

API / UWI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type
3003927759	NMPM,024-030N-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)
6,316.00	6,328.00	12.00	6,328.00	6,328.00

Well Config: - Original Hole, 7/6/2012 1:43:51 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
-8			
12	12	Polished Rod, 22.0ft	
14	14	Pony Rod, 16.0ft	
30	30	SINGLE STAGE, 12-144, 7/13/2004, CEMENT WITH 103 SX CLASS B CIRCULATING 11 BBLS TO SURFACE	
143	143	Surface, 9 5/8in, 9.001in, 12 ftKB, RUN 3 JOINTS OF 9 5/8"", 32.30#, H-40, ST&C CSG SET @	
144	144	144.24' K.B.(RUN 3 CENTRALIZERS ON CSG).	
150	150	DFW String Key = 7U61G, 144 ftKB	
1,021	,02	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 3,234 ftKB	Sucker Rod, 3,100.0ft
2,405	,40		NACIMIENTO, 1,021
2,499	,49		OJO ALAMO, 2,405
2,725	,72		KIRTLAND, 2,499
2,874	,87		FRUITLAND, 2,725
2,876	,87	SINGLE STAGE, 12-2,927, 7/16/2004, CEMENT WITH 433 SX TYPE III CIRCULATING 14 BBLS TO SURFACE	
2,881	,88	Intermediate1, 7in, 6.456in, 12 ftKB, RUN 68 JOINTS OF 20#, J-55, ST&C CSG SET @	
2,882	,88	2926.94' K.B. RAN WEATHERFORD FLOAT SHOE ON BOTTOM AND FLOAT COLLAR 44' UP	
2,919		ON TOP OF FIRST JOINT, RAN CENTRALIZER	
2,926		IN MIDDLE OF FIRST JOINT AND THEN ONE	
2,927		EVERY OTHER JOINT BACK UP TO BASE OF	
2,930		OJO ALAMO @ 2500', THEN 2 TURBOLIZERS	
2,940		IN ALAMO, THEN CENTRALIZER EVERY 4TH	
2,949		JOINT TO BOTTOM OF SURFACE CSG. (4	
2,964		JOINTS OF 7"" - 20# CSG LEFT TO SEND TO	
3,006		TOWN ON RIG MOVE).	
3,026		DFW String Key = BD620. 2,927 ftKB	
3,049			
3,094			
3,130			
3,170		Sinker Bar, 75.0ft	
3,190			
3,205			PICTURED CLIFFS, 3,205
3,209		Guided Rod, 4.0ft	
3,210			
3,234		Pump Seating Nipple, 2 3/8in, 3,234 ftKB, 3,235 ftKB	2 X 1-1/4 X 25 3 TUBE PUMP, 25.0ft
3,235		MULE SHOE JOINT, 2 3/8in, 4.70lbs/ft, J-55, 3,235 ftKB, 3,255 ftKB	
3,255			
3,297			
3,298			Production1, 5 1/2in, 4.950in, 2,874 ftKB, 3,298 ftKB
3,303		PBTD, 3,303 TD, 3,303, 10/1/2004	

Proposed Schematic

ConocoPhillips

Well Name: SAN JUAN 30-6 UNIT #400S

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003927759	NMPM,024-030N-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)
6,316.00	6,328.00	12.00	6,328.00	6,328.00

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

ftKB (MD)	Schematic - Actual	Frm Final
-8		
12		
14	Surface, 9 5/8in, 9.001 in, 12 ftKB, RUN 3 JOINTS OF 9 5/8"", 32.30#, H-40, ST&C CSG SET @ 144.24' K.B (RUN 3 CENTRALIZERS ON CSG).	
30		
143		
144		
150		
194	DFW String Key = 7U61G, 144 ftKB	
971		
1,021		NACIMIENTO, 1,021
1,071		
2,355		
2,405		OJC ALAMO, 2,405
2,499		KIRTLAND, 2,499
2,549		
2,375		
2,725		FRUITLAND, 2,725
2,354	Cement Retainer, 2,854-2,855	
2,355	Intermediate1, 7in, 6.456in, 12 ftKB, RUN 58 JOINTS OF 20#, J-55, ST&C CSG SET @ 2926.94' K.B. RAN WEATHERFORD FLOAT SHOE ON BOTTOM AND FLOAT COLLAR 44' UP ON TOP OF FIRST JOINT, RAN CENTRALIZER IN MIDDLE OF FIRST JONT AND THEN ONE EVERY OTHER JOINT BACK UP TO BASE OF OJC ALAMO @ 2500' THEN 2 TUREOLIZERS IN ALAMO, THEN CENTRALIZER EVERY 4TH JOINT TO BOTTOM OF SURFACE CSG. (4 JOINTS OF 7"" - 20# CSG LEFT TO SEND TO TOWN ON RIG MOVE).	
2,374		
2,376		
2,381		
2,382		
2,319		
2,326		
2,327		
2,330		
2,340		
2,949		
2,964		
3,006		
3,026		
3,049	DFW String Key = BD620, 2,927 ftKB.	
3,094		
3,130		
3,170		
3,190		
3,205		PICTURED CLIFFS, 3,205
3,209		
3,210		
3,234		
3,235		
3,255		
3,297	Production1, 5 1/2in, 4.950in, 2,874 ftKB, 3,298 ftKB	
3,298	PBTD, 3,303	
3,303	TD, 3,303, 10/1/2004	

SINGLE STAGE, 12-144, 7/13/2004, CEMENT WITH 103 SX CLASS B CIRCULATING 11 BBLS TO SURFACE

Plug #4, 12-194, 1/1/2020, Mix 48 sx Class B cement and spot a balanced plug inside the casing from 194' to surface, circulate good cement out casing valve.

Plug #3, 971-1,071, 1/1/2020, Mix 29 sx Class B cement and spot a balanced plug inside the casing to isolate the Nacimiento formation top.

Plug #2, 2,355-2,549, 1/1/2020, Mix 45 sx Class B cement and spot a balanced plug inside the casing to isolate the Kirtland and Ojo Alamo formation tops.

Plug #1, 2,675-2,854, 1/1/2020, Mix 45 sx Class B cement and spot inside the casing above CR to isolate the liner top, intermediate shoe, open hole and Fruitland Coal formation top.

SINGLE STAGE 12-2,927, 7/16/2004 CEMENT WITH 433 SX TYPE III CIRCULATING 14 BBLS TO SURFACE

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: 488S 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 2542' – 2216'.

b) Place the Nacimiento plug from 1046' – 946'.

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.