

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 06 2016

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **SF-079522**
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.

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.

San Juan 28-5 Unit

8. Well Name and No.

San Juan 28-5 Unit 22

9. API Well No.

30-039-07360

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit M (SWSW), 1140' FSL & 990' FWL, Sec. 21, T28N, R5W

10. Field and Pool or Exploratory Area

Blanco Mesaverde

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			
<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 recomple 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 recomple 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. The Pre-Disturbance Site Visit was held on 6/27/2016 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop system will be used.

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

Notify NMOCD 24 hrs prior to beginning operations

SEE ATTACHED FOR CONDITIONS OF APPROVAL

OIL CONS. DIV DIST. 3

JUL 21 2016

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Dollie L. Busse

Title **Regulatory Technician**

Signature

Dollie L. Busse

Date

6/30/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Jack Savary

Title

PE

Date

7/18/16

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

KC6

ConocoPhillips
SAN JUAN 28-5 UNIT 22
Expense - P&A

Lat 36° 38' 32.46" N

Long 107° 22' 10.272" 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 COP safety and environmental regulations. Test rig anchors prior to moving in rig. **Before RU, run slickline to remove downhole equipment. If an obstruction is found, set a locking-3-slip-stop in the tubing.**

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. 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 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: 5,798'

KB: 10'

6. PU 4-3/4" bit and watermelon mill and round trip as deep as possible above top perforation at 4,475'.

7. PU 5-1/2" CR on tubing, and set at 4,425'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. POOH with tubing.

8. RU wireline and run CBL with 500 psi on casing from CR at 4,425' to surface to identify TOC. Adjust plugs as necessary for new TOC. *Email log copy to Wells Engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

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.

9. Plug 1 - Mesa Verde Formation Top and Perforations, 4325' - 4425', 17 Sacks Class B Cement

Mix 17 sx Class B cement and spot a balanced plug inside the casing to cover the Mesa Verde top and perforations. PUH.

9. Plug 2 - Pictured Cliffs Formation Top, 3470' - 3570', 17 Sacks Class B Cement

Contact wells engineer and discuss depth to cut and pull the 5-1/2" CSG based on the CBL on the 5-1/2" CSG. Estimate cutting the 5-1/2" casing at 3,460'. RU wireline and run CBL with 500 psi on casing from top of the 5-1/2" CSG cut at 3,460" to surface to identify TOC on the 7-5/8" CSG. Mix 17 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs top. PUH.

11. Plug 3 - Fruitland Formation Top, 3215' - 3315', 34 Sacks Class B Cement

Mix 34 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland top. PUH.

12. Plug 4 - Kirtland Formation Top, 2825' - 3045', 50 Sacks Class B Cement

Mix 50 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland top. PUH.

13. Plug 5 - Ojo Formation Top, 2765' - 2825', 46 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 2,825'. Establish injection rate into squeeze holes. RIH with a 7-5/8" CR and set at 2,810'. Mix 46 sx Class B cement. Squeeze 21 sx outside the casing, leaving 25 sx inside the casing to cover the Ojo top. POOH.

14. Plug 6 - Nacimiento Formation Top, 1465' - 1565', 71 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 1,565'. Establish injection rate into squeeze holes. RIH with a 7-5/8" CR and set at 1,515'. Mix 71 sx Class B cement. Squeeze 37 sx outside the casing, leaving 34 sx inside the casing to cover the Nacimiento top. POOH.

15. Plug 7 - Surface Plug, 0' - 223', 112 Sacks Class B Cement

RU WL and perforate 4 big hole charge (if available) squeeze holes at 223'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 7-5/8" CR and set at 173'. Mix 50 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 173'. Mix 62 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

16. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.

District SOUTH	Field Name BLANCO MESAVERDE (PRORAT #0078)	API / UWI 3003907360	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 3/21/1957	Surface Legal Location 021-028N-005W-M	East/West Distance (ft) 990.00	East/West Reference FWL	North/South Distance (ft) 1,140.00
				North/South Reference FSL

VERTICAL - Original Hole, 4/11/2016 10:17:01 AM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
1; Surface; 10 3/4 in; 10.0 ftKB; 173.0 ftKB	Surface Casing Cement; 10.0-173.0; 3/21/1957; CEMENT W/ 150 SXS REGULAR CEMENT. CIRCULATED TO SURFACE	9.8	
		172.9	
		176.8	
		1,515.1	NACIMIENTO
		2,815.0	OJO ALAMO
Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 10.0 ftKB; 5,762.8 ftKB		2,825.1	
		2,996.1	KORTLAND
		2,998.0	
		3,265.1	FRUITLAND
		3,515.1	
		3,520.0	PICTURED CL...
2; Intermediate1; 7 5/8 in; 6.999 in; 10.0 ftKB; 3,632.0 ftKB	Intermediate Casing Cement; 2,825.0-3,632.0; 3/29/1957; TOC 2825' RAN BY TEMP SURVEY ON 3/29/1957 CEMENT W/ 100 SXS REGULAR CEMENT, 100 SXS POZMIX, 50# FLOCELE & 4% GEL FOLLOWED BY 50 SXS NEAT CEMENT	3,608.9	LEWIS
		3,631.9	
PERF - LEWIS; 4,475.0-4,991.0; 5/18/2004		3,640.1	
		4,475.1	
		4,991.1	
		5,292.0	
PERF - CLIFF HOUSE MASSIVE; 5,292.0-5,358.0; 4/9/1957		5,293.0	CLIFF HOUSE
		5,357.9	
		5,384.8	MENEFEE
PERF - MENEFEE; 5,404.0-5,593.0; 5/18/2004		5,403.9	
		5,592.8	
		5,696.9	POINT LOOKD...
Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,762.8 ftKB; 5,764.8 ftKB		5,723.1	
PERF - POINT LOOKOUT; 5,723.0-5,822.0; 4/9/1957		5,762.8	
Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,764.8 ftKB; 5,796.2 ftKB		5,764.8	
Seating Nipple; 2 3/8 in; 5,796.1 ftKB; 5,797.3 ftKB		5,796.3	
Expendable Check; 2 3/8 in; 5,797.3 ftKB; 5,798.0 ftKB		5,797.2	
		5,797.9	
		5,821.9	
		5,842.8	MANCOS
PRTD; 5,849.0		5,849.1	
3; Production1; 5 1/2 in; 4,950 in; 10.0 ftKB; 5,890.0 ftKB	Production Casing Cement; 3,515.0-5,890.0; 4/8/1957; TOC 3515' RAN BY TEMP SURVEY ON 4/8/1957 CEMENT W/ 150 SXS REGULAR CEMENT, 150 SXS POZMIX, 2% GEL Auto cement plug; 5,849.0-5,890.0; 4/8/1957; Automatically created cement plug from the casing cement because it had a tagged depth. Display Cement Fill; 5,890.0-5,895.0 4/9/1957	5,890.1	
		5,895.0	

Schematic - Proposed

API / UWI 3003907360	Surface Legal Location 021-028N-006W-M	Field Name BLANCO MESQUITE (PERMIT #)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,664.00	Original CASRT Elevation (ft) 6,664.00	AS-Ground Distance (ft) 10.00	AS-Casing Flange Distance (ft) 6,664.00	AS-Tubing Hanger Distance (ft) 6,664.00	

VERTICAL - Original Hole, 1/1/2020 12:09:00 AM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
1; Surface; 10 3/4 in; 10.192 in; 10.0 ftKB; 173.0 ftKB	Plug #7; 10.0-223.0; 1/1/2020; Mix 50 sx Class B Cement, Squeeze	9.8	
Bridge Plug - Permanent; 173.0-175.0; 7-5/8" Cement Retainer	Surface Casing Cement; 10.0-173.0; 3/21/1967; CEMENT W/ 150 SXS REGULAR CEMENT, CIRCULATED TO SURFACE	174.9	
SQUEEZE PERFS; 221.0-223.0; 1/1/2020	Plug #7; 10.0-223.0; 1/1/2020; Mix 62 sx Class B Cement, Balanced Plug	221.1	
Bridge Plug - Permanent; 1,515.0-1,517.0; 7-5/8" Cement Retainer	Plug #6; 1,485.0-1,565.0; 1/1/2020; Mix 37 sx Class B Cement, Squeeze	1,484.9	NACIMIENTO
SQUEEZE PERFS; 1,563.0-1,565.0; 1/1/2020	Plug #6; 1,485.0-1,565.0; 1/1/2020; Mix 34 sx Class B Cement, Balanced Plug	1,565.0	
Bridge Plug - Permanent; 2,810.0-2,812.0; 7-5/8" Cement Retainer	Plug #6; 2,765.0-2,825.0; 1/1/2020; Mix 21 sx Class B Cement, Squeeze	2,810.0	
SQUEEZE PERFS; 2,823.0-2,825.0; 1/1/2020	Plug #6; 2,765.0-2,825.0; 1/1/2020; Mix 25 sx Class B Cement, Balanced Plug	2,815.0	OJO ALAMO
	Plug #4; 2,825.0-3,045.0; 1/1/2020; Mix 50 sx Class B Cement, Balanced Plug	2,825.1	KIRTLAND
	Plug #3; 3,215.0-3,315.0; 1/1/2020; Mix 34 sx Class B Cement, Balanced Plug	2,998.0	
	Plug #2; 3,470.0-3,570.0; 1/1/2020; Mix 17 sx Class B Cement, Balanced Plug	3,214.9	FRUITLAND
	Intermediate Casing Cement; 2,825.0-3,632.0; 3/29/1967; TOC 2825 RAN BY TEMP SURVEY ON 3/29/1967	3,315.0	
2; Intermediate 1; 7 5/8 in; 6,969 in; 10.0 ftKB; 3,632.0 ftKB	CEMENT W/ 100 SXS REGULAR CEMENT, 100 SXS POZMIX, 50# FLOCELE & 4% GEL FOLLOWED BY 50 SXS NEAT CEMENT	3,515.1	PICTURED CL...
Bridge Plug - Permanent; 4,425.0-4,427.0; 5-1/2" Cement Retainer	Plug #1; 4,325.0-4,425.0; 1/1/2020; Mix 17 sx Class B Cement, Balanced Plug	3,569.9	LEWIS
PERF - LEWIS; 4,475.0-4,991.0; 5/18/2004		3,631.9	
PERF - CLIFF HOUSE MASSIVE; 5,292.0-5,368.0; 4/9/1967		4,325.1	
PERF - MENEFEE; 5,404.0-5,593.0; 5/18/2004		4,426.6	CLIFF HOUSE
PERF - POINT LOOKOUT; 5,723.0-5,822.0; 4/9/1967		4,991.1	MENEFEE
Auto cement plug; 5,849.0-5,890.0; 4/8/1967; Automatically created cement plug from the casing cement because it had a tagged depth.		5,293.0	
Production Casing Cement; 3,515.0-5,890.0; 4/8/1967; TOC 3515 RAN BY TEMP SURVEY ON 4/8/1967		5,384.8	POINT LOOKO...
CEMENT W/ 150 SXS REGULAR CEMENT, 150 SXS POZMIX, 2% GEL		5,592.8	
Display Cement Fill; 5,890.0-5,895.0 4/9/1967		5,723.1	MANCOS
3; Production 1; 5 1/2 in; 4,950 in; 3,460.0 ftKB; 5,890.0 ftKB		5,842.8	
		5,890.1	

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 28-5 Unit #22

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 (4178-3178) ft. to cover the Mesaverde top. BLM picks top of Chacra at 4128 ft.
 - b) Set plug #3 (3338-3238) ft. to cover the Fruitland top. BLM picks top of Fruitland at 3288 ft.
 - c) Set plug #6 (1587-1487) ft. inside/outside to cover the Nacimiento top. BLM picks top of Nacimiento at 1537 ft.

Operator will run CBL from CR to surface to identify TOC. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

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.

* See Revised COA

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

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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 (4425-4078) ft. to cover the Mesaverde top. BLM picks top of Chacra at 4128 ft.
- b) Set plug #3 (3338-3238) ft. to cover the Fruitland top. BLM picks top of Fruitland at 3288 ft.
- c) Set plug #6 (1587-1487) ft. inside/outside to cover the Nacimiento top. BLM picks top of Nacimiento at 1537 ft.

*Note: Plug #1 has been revised from original COA

Operator will run CBL from CR to surface to identify TOC. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

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.