

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

APR 25 2016

Farmington Field Office  
Bureau of Land Management

**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>SF-078212</b>
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company LP</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>PO Box 4289, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>(505) 326-9700</b>	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit L (NWSW), 1780' FSL &amp; 1020' FWL, Sec. 15, T30N, R13W</b>		8. Well Name and No. <b>McCord 102S</b>
		9. API Well No. <b>30-045-34201</b>
		10. Field and Pool or Exploratory Area <b>Basin Fruitland Coal</b>
		11. Country or Parish, State <b>San Juan, New Mexico</b>

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 recomplate 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 recomplate 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. This well is twinned with the McCord 1F (API #3004533687), a producing well, so the Pre-Disturbance Site Visit was not held. 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**

**SEE ATTACHED FOR CONDITIONS OF APPROVAL**

Notify NMOCD 24 hrs prior to beginning operations

OIL CONS. DIV DIST. 3

MAY 02 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 *4/22/16*

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Jack Savary* Title **PE** Date *4/20/16*

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.

NMOCD

PL 5  
dlb

**ConocoPhillips**  
**MCCORD 102S**  
**Expense - P&A**

Lat 36° 48' 38.952" N

Long 108° 11' 51.198" 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:** 1,613'

**KB:** 11'

6. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 1,574'.

7. PU 4-1/2" CR on tubing, and set at 1151'. 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 1,151' 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](mailto:tsalyers@blm.gov), and Brandon Powell (NMOCD) at [brandon.powell@state.nm.us](mailto: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 - Fruitland Perforations and Formation Top, 1051' - 1151', 12 Sacks Class B Cement**

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland perforations and formation top. PUH.

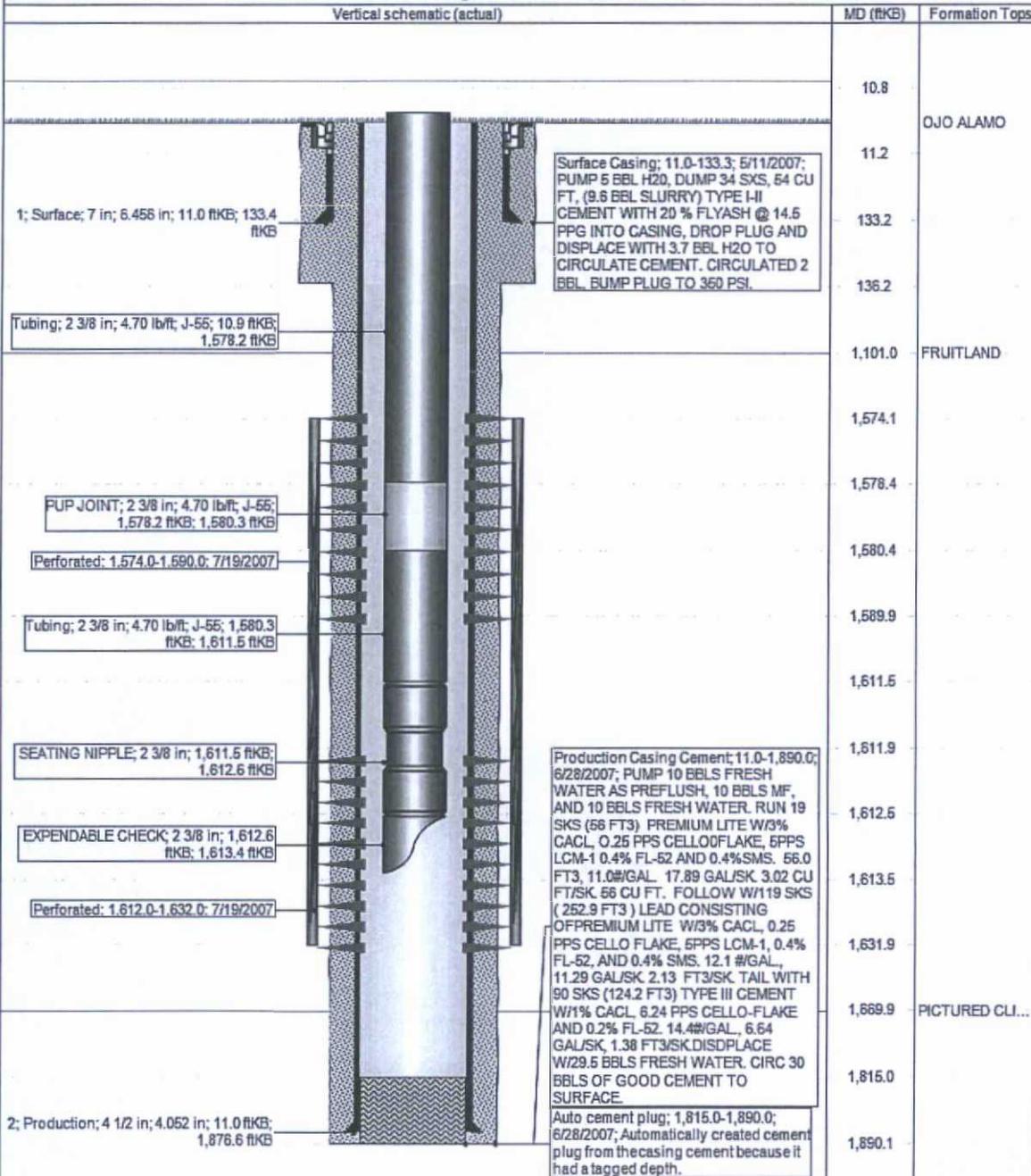
**10. Plug 2 - Surface Plug and Ojo Formation Top, 0' - 183', 18 Sacks Class B Cement**

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, establish circulation out casing valve with water. Mix 18 sx Class B cement and spot balanced plug inside casing from 183' 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.

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

District NORTH	Field Name BASIN FRUITLAND COAL	API / UWI 3004634201	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 5/11/2007	Surface Legal Location 015-030N-013W-L	East/West Distance (ft) 1,020.00	East/West Reference FWL	North/South Distance (ft) 1,780.00
				North/South Reference FSL

#### VERTICAL - Original Hole, 2/2/2016 1:10:20 PM



Proposed Schematic

API / UWI 3004534201	Surface Legal Location 015-030N-013W-L	Field Name BASIN FRUITLAND COAL	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 5,661.00	Original KB/RV Elevation (ft) 5,672.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

VERTICAL - Original Hole, 1/1/2020 12:02:00 AM

Vertical schematic (actual)	MD (ftKS)	Formation Tops
	11.2	OJO ALAMO
	11.8	
	102.4	
	132.5	
	133.2	
	136.2	
	183.1	
	1,050.9	
	1,101.0	FRUITLAND
	1,150.9	
	1,153.9	
	1,226.7	
	1,241.5	
	1,574.1	
	1,589.9	
	1,611.9	
	1,631.9	
	1,669.9	PICTURED CLIFFS
	1,815.0	
	1,832.7	
	1,833.7	
	1,876.0	
	1,876.6	
	1,890.1	

Cement Retainer: 1,151.0-1,154.0

Surface Casing; 11.0-133.3;  
5/11/2007; PUMP 5 BBL H2O,  
DUMP 34 SKS, 54 CU FT, (9.6  
BBL SLURRY) TYPE I-II CEMENT  
WITH 20 % FLYASH @ 14.5 PPG  
INTO CASING, DROP PLUG AND  
DISPLACE WITH 3.7 BBL H2O TO  
CIRCULATE CEMENT.  
CIRCULATED 2 BBL BUMP  
PLUG TO 360 PSI.

Plug #2; 11.0-183.0; 1/1/2020;  
Class B cement spot balanced plug  
inside casing from 183' to surface,  
circulate good cement out casing  
valve.

Plug #1; 1,051.0-1,151.0; 1/1/2020;  
Mix 12 sx Class B cement spot  
balanced plug inside casing to  
cover Fruitland perms & formation  
top.

Perforated; 1,574.0-1,590.0;  
7/19/2007

Perforated; 1,612.0-1,632.0;  
7/19/2007

Production Casing Cement; 11.0-  
1,890.0; 6/28/2007; PUMP 10  
BBL FRESH WATER AS  
PREFLUSH, 10 BBL MF, AND 10  
BBL FRESH WATER. RUN 19  
SKS (56 FT3) PREMIUM LITE  
W/3% CACL, 0.25 PPS  
CELLOFLAKE, 6PPS LCM-1  
0.4% FL-52 AND 0.4% SMS. 58.0  
FT3, 11.0#/GAL. 17.89 GAL/SK.  
3.02 CU FT/SK. 56 CU FT.

FOLLOW W/119 SKS (252.9 FT3)  
LEAD CONSISTING OF PREMIUM  
LITE W/3% CACL, 0.25 PPS  
CELLO FLAKE, 6PPS LCM-1,  
0.4% FL-52, AND 0.4% SMS. 12.1  
#/GAL., 11.29 GAL/SK. 2.13  
FT3/SK. TAIL WITH 90 SKS (124.2  
FT3) TYPE III CEMENT W/1%  
CACL, 6.24 PPS CELLO-FLAKE  
AND 0.2% FL-52. 14.4#/GAL., 6.64  
GAL/SK. 1.38 FT3/SK. DISPLACE  
W/29.5 BBL FRESH WATER.  
CIRC 30 BBL OF GOOD  
CEMENT TO SURFACE.

Auto cement plug; 1,815.0-1,890.0;  
6/28/2007; Automatically created  
cement plug from the casing  
cement because it had a tagged  
depth.

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: McCord 102S

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 (1356-1256) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1306 ft.
  - b) Set plug #2 (340-0) ft. to cover the Kirtland top. BLM picks top of Kirtland at 290 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](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto: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.