Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 13 2012
Farmington Field Office
Bureau of Land Management

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

**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*

5 Lease Serial No: **SF-078214**

6 If Indian, Allottee or Tribe Name:

7. If Unit of CA/Agreement, Name and/or No:

1 Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

8 Well Name and No: **McCord 104S**

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

9. API Well No: **30-045-34289**

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 N (SESW), 1175' FSL & 1805' FWL, Sec. 22, T30N, R13W**

11. Country or Parish, State: **San Juan, 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 | |

BP

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.**

**Notify NMOCD 24 hrs prior to beginning operations**

RCVD AUG 17 '12
OIL CONS. DIV.
DIST. 3

* Place an inside plug across PC top from 1778'- 1700'

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: 8/10/12

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by: **Original Signed: Stephen Mason**

Title:

Date: **AUG 15 2012**

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
## MCCORD 104S
### Expense - P&A

**Lat 36° 47' 41.118" N** **Long 108° 11' 41.543" 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 with rods (per pertinent data sheet) 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" | **Set Depth:** | 1756' |
| **Tubing:** | Yes | **Size:** | 2-3/8" | **Set Depth:** | 1775' |

Round trip 4 1/2", 10.5#, J-55 casing scraper to top perforation @ 1594' 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 perforations and formation top, 1023-1544', 44 Sacks Class B Cement)**
PU 4-1/2" CR and set at 1544'. Load casing and circulate well clean. Pressure test tubing to 1000 psi, and casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 44 sxs Class B cement and spot a plug inside casing above CR to isolate the Fruitland Coal perforations and formation top. PUH.

**9. Plug 2 (Kirtland, Ojo Alamo and Surface Plug, 0-423', 36 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 36 sx Class B cement and spot a balanced cement plug inside casing from 423' to surface. Circulate good cement out casing valve. TOH and LD tubing.

Shut in 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 4 1/2 casing and the BH annulus to surface. Shut well in and WOC.

10. 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: MCCORD #104S**

| API/UWI | Surface Legal Location | Field Name | License No. | State/Province | Well Configuration Type |
|---|---|---|---|---|---|
| 3004534289 | 022-030N-013W-N | BASIN FRUITLAND COAL | | NEW MEXICO | VERTICAL |

| Ground Elevation (ft) | Original KB/RT Elevation (ft) | KB-Ground Distance (ft) | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |
|---|---|---|---|---|
| 5,741.00 | 5,752.00 | 11.00 | | |

Well Config: VERTICAL - Original Hole, 8/8/2012 1:07:08 PM

| ftKB (MD) | ftKB (TVD) | Schematic - Actual | Frm Final |
|---|---|---|---|
| 0 | | | |
| 7 | | | |
| 11 | | | |
| 13 | | Polished Rod Sinker Bar, 22.0ft | |
| 29 | | Surface Casing Cement, 11-134, 6/25/2007, Cemented with 34 sx Type I-II cmt w/20%. Cement backside of 7" casing to surface with 12 sxs of Premium Lite Portland cement. | |
| 126 | 126 | | |
| 134 | 134 | Surface, 7in, 6.456in, 11 ftKB, 134 ftKB | |
| 134 | 134 | | |
| 136 | 136 | | |
| 316 | 316 | | OJO ALAMO, 316 |
| 373 | 373 | | KIRTLAND, 373 |
| 1,073 | 1,073 | Tubing, 2 3/8in, 4.70lbs/ft, J-55, 11 ftKB, 1,743 ftKB; Grade D Plain Norris Rods, 1,588.0ft | FRUITLAND, 1,073 |
| 1,328 | 1,328 | | |
| 1,343 | 1,343 | | |
| 1,594 | 1,594 | PERF - FRUITLAND COAL, 1,594-1,602, 7/17/2007 | |
| 1,602 | 1,602 | | |
| 1,617 | 1,617 | Pony Rod, 16.0ft | |
| 1,628 | 1,628 | PERF - FRUITLAND COAL, 1,628-1,632, 7/17/2007 | |
| 1,632 | 1,632 | Hyd Frac-Gelled N2, 7/18/2007, Frac'd with 12 bbls 10% formic acid, 629 bbls 75Q 25# Linear gel. 70,580# 20/40 Brady Sand. Total N2 for job: 691,900 SCF. | |
| 1,633 | 1,633 | | |
| 1,682 | 1,682 | Sinker Bar, 100.0ft; PERF - FRUITLAND COAL, 1,682-1,700, 7/17/2007 | |
| 1,700 | 1,700 | | |
| 1,728 | 1,728 | | PICTURED CLIFFS, 1,728 |
| 1,733 | 1,733 | | |
| 1,734 | 1,734 | Shear Coupling, 1.0ft | |
| 1,742 | 1,742 | Guided Pony Rod, 8.0ft; Lift Sub, 1.0ft | |
| 1,743 | 1,743 | F-Nipple, 2 3/8in, 4.70lbs/ft, J-55, 1,743 ftKB, 1,744 ftKB | |
| 1,744 | 1,744 | | |
| 1,755 | 1,755 | RHAC-Z Insert Pump, 12.0ft; Tubing w/Vent Hole, 2 3/8in, 4.70lbs/ft, J-55, 1,744 ftKB, 1,773 ftKB | |
| 1,756 | 1,756 | Strainer Nipple, 1.0ft | |
| 1,773 | 1,773 | Cross Over, 2 3/8in, 1,773 ftKB, 1,774 ftKB | |
| 1,774 | 1,774 | Mule Shoe, 2 1/16in, 1,774 ftKB, 1,775 ftKB | |
| 1,775 | 1,775 | | |
| 1,917 | 1,917 | PBTD, 1,917 | Production, 4 1/2in, 4.052in, 11 ftKB, 1,963 ftKB |
| 1,931 | 1,931 | | Production Casing Cement, 11-1,964, 7/2/2007, Cmented Lead with 142 sx premium lite cement w/ 3% CaCl. Tail with 90 sx type III cement w/ 1% CaCl. |
| 1,932 | 1,932 | | |
| 1,963 | 1,962 | | |
| 1,964 | 1,963 | Cement plug, 1,916-1,964, 7/2/2007 | |
| 1,985 | | TD, 1,985, 7/2/2007; Cement plug, 1,964-1,985, 7/2/2007 | |



Report Printed: 8/8/2012

# Proposed Schematic

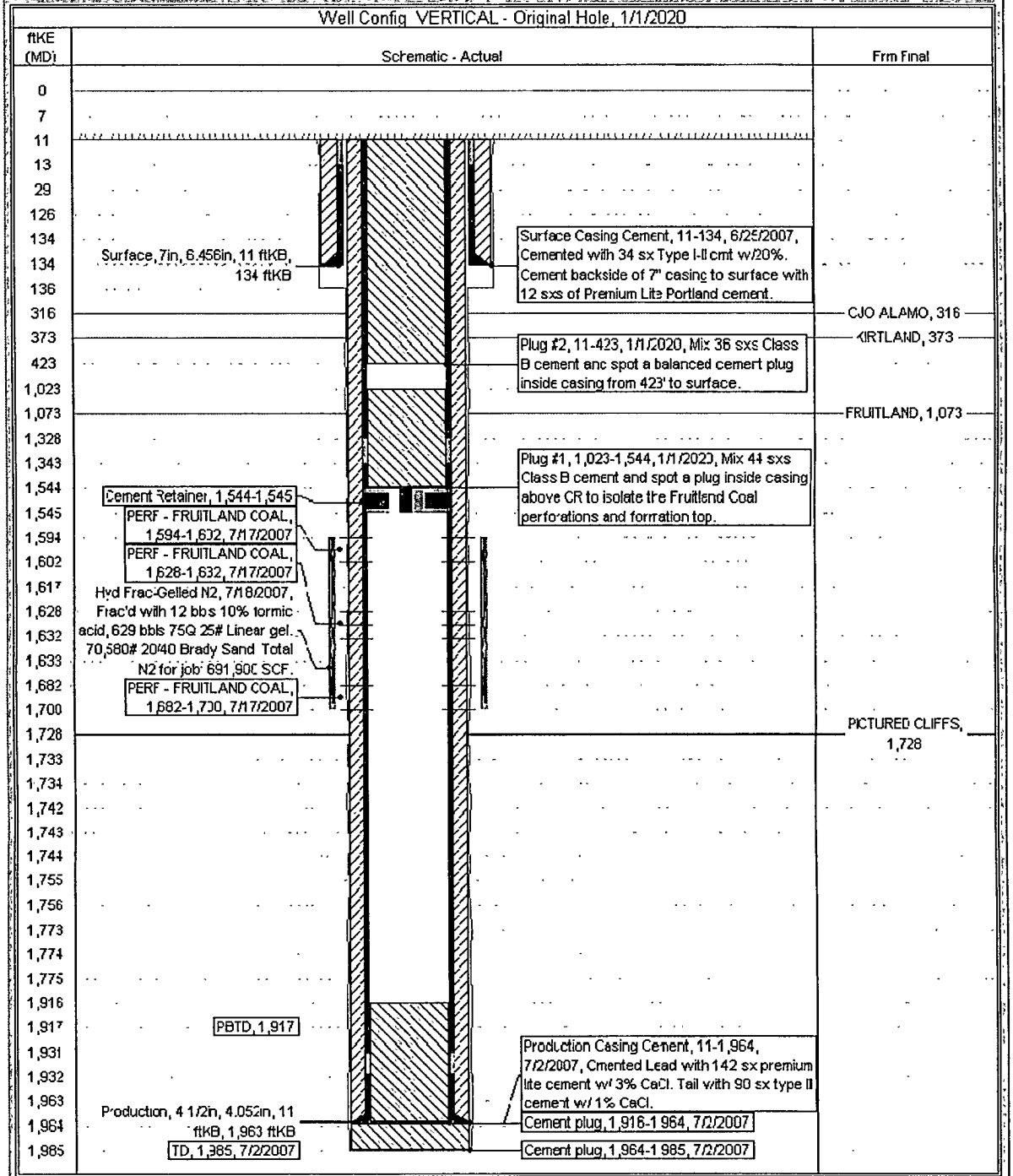
**ConocoPhillips**

**Well Name: MCCORD #104S**

| API / UWI | Surface Legal Location | Field Name | License No | State/Province | Well Configuration Type |
|---|---|---|---|---|---|
| 3004534289 | 022-030N-013W-N | BASIN FRUITLAND COAL | | NEW MEXICO | VERTICAL |

| Ground Elevation (ft) | Original KB/RT Elevation (ft) | KB-Ground Distance (ft) | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |
|---|---|---|---|---|
| 5,741.00 | 5,752.00 | 11.00 | | |

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






Report Printed: 8/8/2012