

Form 3160-3
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 28 2012

Farmington Field **SUNDRY NOTICES AND REPORTS ON WELLS**
Bureau of Land Management **Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

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

5 Lease Serial No. **NMSF-080844**

6. If Indian, Allottee or Tribe Name

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

8 Well Name and No

Rhodes B 101

9 API Well No.

30-045-29211

10 Field and Pool or Exploratory Area

Basin Fruitland Coal

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

Surface Unit K (NESW), 1850' FSL & 1735' FWL, Sec. 20, T28N, R11W

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

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Final Abandonment Notice

☐ Change Plans

☒ Plug and Abandon

☐ Temporarily Abandon

☐ 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 recompleat 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 recompleat 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 OCT 4 '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

9/28/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 02 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
RHODES B 101
Expense - P&A

Lat 36° 38' 43.548" N

Long 108° 1' 46.884" 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. Pick up inner 1.66" tubing string, PU and remove tubing hanger, stack out inner string.
6. ND wellhead and NU BOPE. Pressure test BOP.
7. TOOH with tubing/inner tubing (per pertinent data sheet).

Inner Tubing	Yes	Size:	1.66" IJ	Set Depth:	1604'
Tubing:	Yes	Size:	2-7/8" UFJ	Set Depth:	1619'
Packer:	No	Size:		Depth:	

Round trip casing scraper through deepest perforation 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, 1161'-1224', 10 Sacks Class B Cement)

TIH with 2-3/8" work string to 1224' and set cement retainer. Pressure test tubing to 1000psi and casing to 800 psi. Mix 10 sacks class B cement, set cement plug to isolate Fruitland formation top and perforations.

9. Plug 2 (Surface, 0'-558', 47 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 47 sxs Class B cement and spot a balanced plug inside the casing from 558' to surface, circulate good cement out casing valve. TOOH 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 4 1/2" casing and the BH 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.

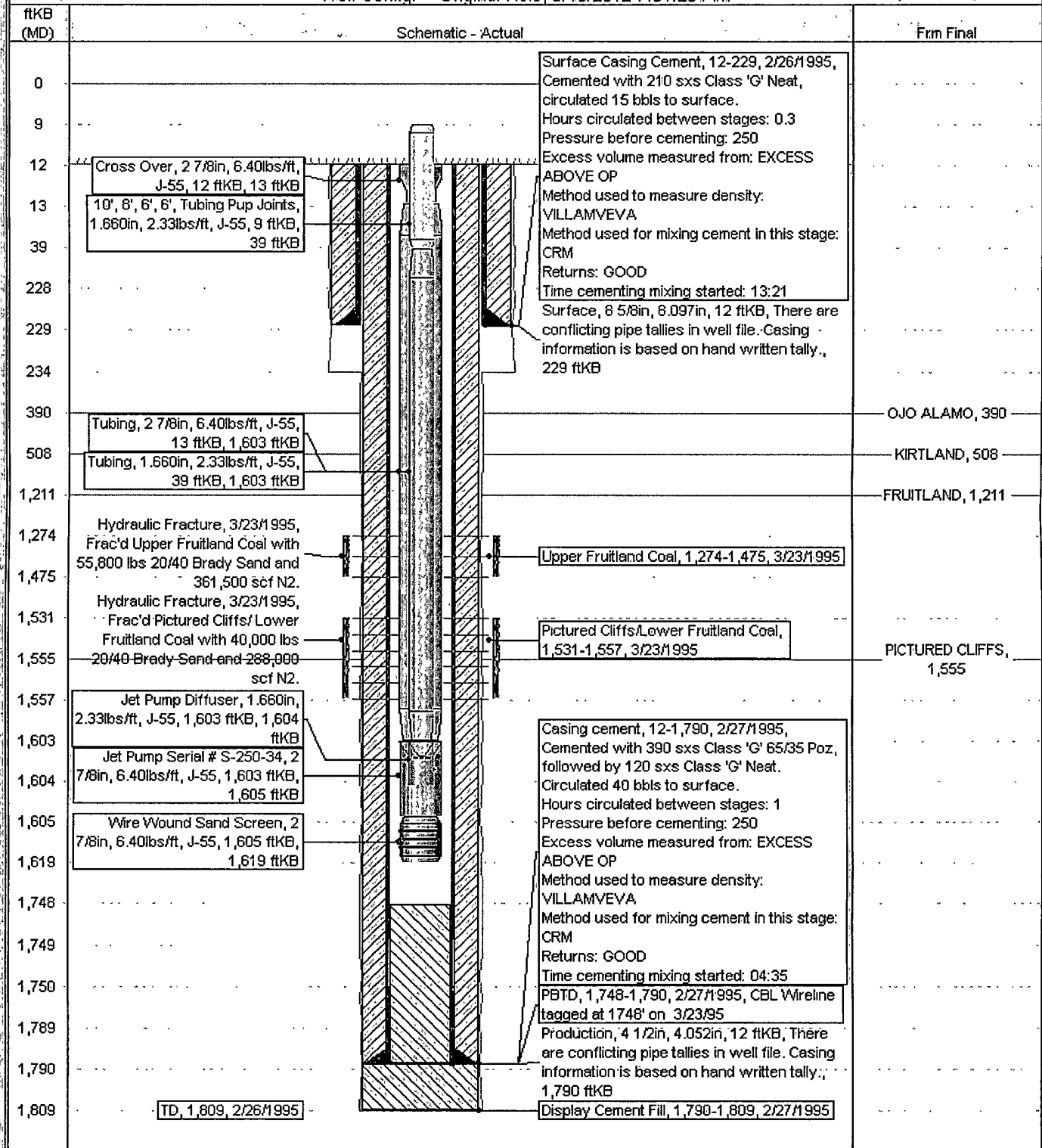
Current Schematic

ConocoPhillips

Well Name: RHODES B #101

API/ UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004529211	020-028N-011W-K	BSN (FTLD COAL)	63046	NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grnd Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
5,659.00	5,671.00	12.00	5,671.00	5,671.00		

Well Config: - Original Hole, 8/16/2012 7:01:20 AM



Proposed Schematic

Well Name: RHODES B #101

API/UWI 3004529211	Surface Legal Location 020-028N-011W-K	Field Name BON (FTLD COALS) #3045	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 5,659.00	Original KB/RT Elevation (ft) 5,671.00	KB-Gravel Distance (ft) 12.00	KB-Casing Flange Distance (ft) 5,671.00	KB-Tubing Hanger Distance (ft) 5,671.00		

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

ftKB (MD)	Schematic - Actual	From Final
0		
9		
12		
13		
39		
228	Surface, 8 5/8in, 8.097in, 12 ftKB, There are conflicting pipe tallies in well file. Casing information is based on hand written tally., 229 ftKB	
229		
234		
390		OJO ALAMO, 390
508		KIRTLAND, 508
558		
1,161		
1,211	Cement Retainer, 1,224-1,225	FRUITLAND, 1,211
1,224	Upper Fruitland Coal, 1,274-1,475, 3/23/1995	
1,225	Hydraulic Fracture, 3/23/1995, Frac'd Upper Fruitland Coal with 55,800 lbs 20/40 Brady Sand and 361,500 scf N2.	
1,274		
1,475	Pictured Cliffs/Lower Fruitland Coal, 1,531-1,557, 3/23/1995	
1,531	Hydraulic Fracture, 3/23/1995, Frac'd Pictured Cliffs/Lower Fruitland Coal with 40,000 lbs 20/40 Brady Sand and 288,000 scf N2.	
1,555		PICTURED CLIFFS, 1,555
1,557		
1,603		
1,604		
1,605		
1,619		
1,748		
1,749		
1,750		
1,789	Production, 4 1/2in, 4.052in, 12 ftKB, There are conflicting pipe tallies in well file. Casing information is based on hand written tally., 1,790 ftKB	
1,790		
1,809	TD, 1,809, 2/26/1995	

Surface Casing Cement, 12-229, 2/26/1995,
Cemented with 210 sxs Class 'G' Neat,
circulated 15 bbls to surface.
Hours circulated between stages: 0.3
Pressure before cementing: 250
Excess volume measured from: EXCESS
ABOVE OP
Method used to measure density:
VILLAMVEVA
Method used for mixing cement in this stage:
CRM
Returns: GOOD
Time cementing mixing started: 13:21
Plug #2, 12-558, 1/1/2020, Mix 47 sxs Class
B cement and spot a balanced plug inside the
casing from 558' to surface, circulate good
cement out casing valve.

Plug #1, 1,161-1,224, 1/1/2020, Mix 10 sacks
class B cement, set cement plug to isolate
Fruitland formation top and perforations.

PBTD, 1,748-1,790, 2/27/1995, CBL Wireline
tagged at 1748' on 3/23/95
Casing cement, 12-1,790, 2/27/1995,
Cemented with 390 sxs Class 'G' 65/35 Poz,
followed by 120 sxs Class 'G' Neat.
Circulated 40 bbls to surface.
Hours circulated between stages: 1
Pressure before cementing: 250
Excess volume measured from: EXCESS
ABOVE OP
Method used to measure density:
VILLAMVEVA
Method used for mixing cement in this stage:
CRM
Returns: GOOD
Time cementing mixing started: 04:35
Display Cement Fill, 1,790-1,809, 2/27/1995