

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

NOV 19 2013

**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.*

5. Lease Serial No. **SF-080751A**  
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

8. Well Name and No.  
**Sunray F #1**

3a. Address  
**PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code)  
**(505) 326-9700**

9. API Well No.  
**30-045-09203**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface UNIT G (SWNE), 1650' FNL & 1731' FEL, Sec. 26, T30N, R10W**

10. Field and Pool or Exploratory Area  
**Blanco MV**

11. Country or Parish, State  
**San Juan New Mexico**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

WPA

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 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. The Pre-Disturbance site visit was held on 11/15/13 w/ Bob Switzer. The Re-Vegetation plan is attached. A Closed Loop System will be utilized for this procedure.**

OIL CONS. DIV DIST. 3

NOV 26 2013

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

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

Title **Regulatory Technician**

Signature *Denise Journey* Date **11/18/2013**

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

Approved by **Original Signed: Stephen Mason** Title \_\_\_\_\_ Date **NOV 22 2013**

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.

NMOCD

(10, dlt)

**ConocoPhillips**  
**SUNRAY F 1**  
**Expense - P&A**

Lat 36° 47' 8.772" N

Long 107° 51' 1.224" 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. 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.
4. ND wellhead and NU BOPE. Pressure and function test BOP to 200-300 psi and 1000 psi over SICP up to a maximum of 2000 psi or as per COP Well Control Manual. PU and remove tubing hanger.
5. SOOH with tubing (per pertinent data sheet). Visually inspect tubing and LD any bad joints.  
**Tubing Size:** 2-3/8"                      **Set Depth:** 5203      ftKB                      **KB:** 12      ft
6. MU 3-7/8" watermelon mill and bit and round trip to top perf @ 4410' or as deep as possible. **DO NOT GO BELOW PERFS.** LD bit and mill.
7. RIH w/ 4-1/2" CR and set @ 4370'. Pressure test tubing to 1000 psi. Sting out of CR, load casing, and circulate clean. Pressure test casing to 800 psi. *If casing does not test, spot and/or tag subsequent plugs as appropriate.* POOH.
8. RU slickline unit and run CBL on 4-1/2" casing from CR to surface to identify TOC. Modify procedure as appropriate for TOC.

**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.**

**9. Plug 1 (Mesa Verde perforations and formation top and Chacra formation top, <sup>3438</sup>3740-4370', 52 Sacks Class B Cement)**  
RIH with tubing. Mix 52 sx Class B cement and spot above CR to cover the Mesa Verde and Chacra formation tops. POOH.

10. RU free point on 4-1/2" casing and cut 4-1/2" 10.5# casing cose to 2950'. POOH and LD cut 4-1/2" casing. If casing does not cut or will not POOH, call Rig Superintendent and Wells Engineer.

**11. Plug 2 (4-1/2" casing top, Lewis and Pictured Cliffs formation Tops, 2755-3000', 57 Sacks Class B Cement)**  
RIH with tubing. Mix 57 sx Class B cement and spot a balanced plug inside the casing to cover the 4-1/2" casing top, Lewis and Pictured Cliffs formation tops. POOH.

12. MU 6-1/4" watermelon mill and bit on tubing and round trip to 2700'. LD mill and bit.

13. RU wireline and run CBL for 7" casing from 2700' to surface to identify TOC. Modify subsequent plugs as appropriate for TOC.

**14. Plug 3 (Fruitland Coal formation top, <sup>2490 2390</sup>2260-2360', 29 Sacks Class B Cement)**  
RIH with tubing. Pressure test casing to 800 psi. *If casing does not test then spot or tag subsequent plugs as appropriate.* Mix 29 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland Coal formation top. POOH.

**15. Plug 4 (Kirtland and Ojo Alamo formation tops, 1450-1690', 105 Sacks Class B Cement)**  
RU wireline and perforate squeeze holes at 1690'. Establish rate into squeeze holes. RIH w/ 7" CR on tubing and set @ 1640'. Mix 105 sx Class B cement and squeeze 49 sx outside the casing and leaving 56 sx inside the casing to cover the Kirtland and Ojo Alamo formation tops. PUH.

**16. Plug 5 (Surface casing shoe, 0-220', 53 Sacks Class B Cement)**  
Mix 53 sx Class B cement and spot a balanced plug inside the casing from 220' to surface to cover the surface casing shoe. POOH and LD tubing. SI well and WOC.

17. 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.

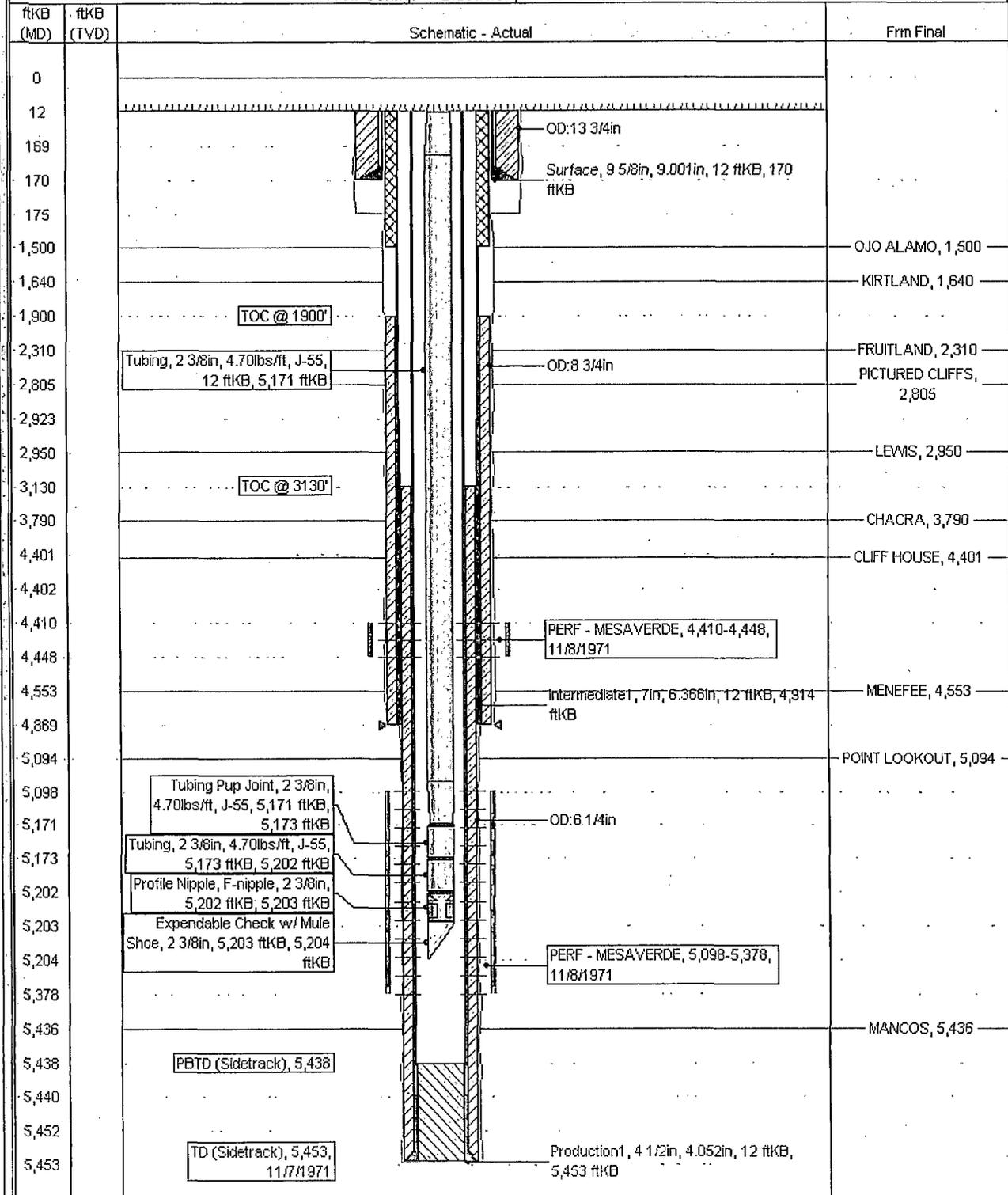
## Current Schematic

**ConocoPhillips**

**Well Name: SUNRAY F #1**

API/UTM# 3004509203	Strata Legal Location 26-030N-010W	Field Name BLANCO MESAVERDE (PROPRAT PROD)	License No.	State/Province NEW MEXICO	Well Configuration Type	<a href="#">Edit</a>
Ground Elevation (ft) 6,220.00	Original KB/RT Elevation (ft) 6,232.00	KB-Crowned Distance (ft) 12.00	KB-Casing Flange Distance (ft) 6,232.00	KB-Tubing Hanger Distance (ft) 6,232.00		

Well Config: - Sidetrack, 8/15/2013 8:26:12 AM



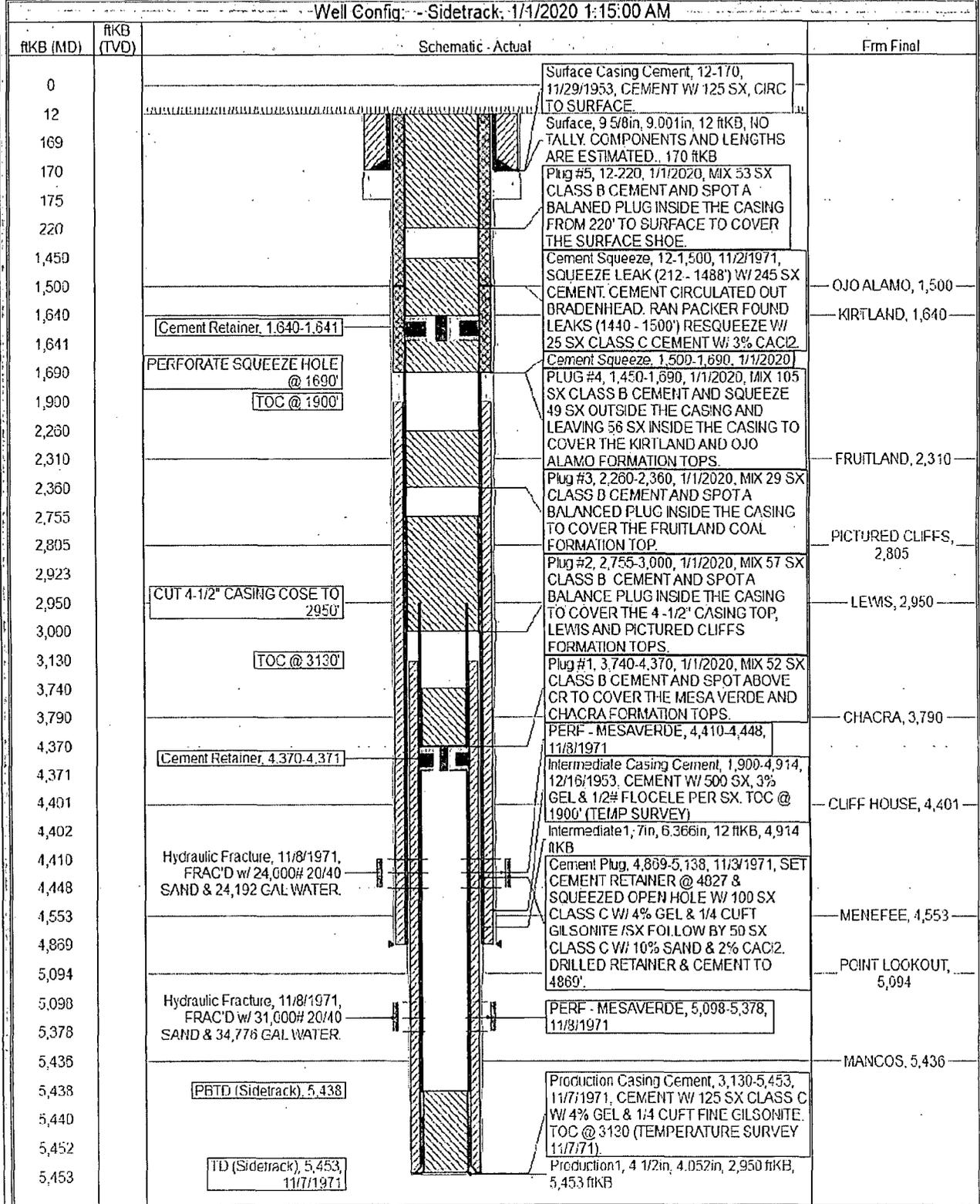
## Proposed Schematic

**ConocoPhillips**

**Well Name: SUNRAY F #1**

API UWI 3004509203	Surface Legal Location 26-030N-010W	Field Name BLANCO MESA VERDE (PROPR #03)	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,220.00	Original KBRT Elevation (ft) 6,232.00	KB Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft) 6,232.00	KB-Tubing Hanger Distance (ft) 6,232.00		

Well Config: - Sidetrack, 1/1/2020 1:15:00 AM



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: 1 Sunray F

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 Measverde/Chacra plug from 4370' – 3438'.

OR

a') Place the Measverde plug from 4370' – 4270' & Chacra plug from 3538' – 3438'.

b) Place the Fruitland plug from 2490' – 2390'.

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.