

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 21 2013

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010Farmington Field Office  
Bureau of Land Management

SF-078386-A

**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 &amp; Gas Company LP

## 3a. Address

PO Box 4289, Farmington, NM 87499

## 3b. Phone No. (include area code)

(505) 326-9700

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

Surface

UL: N(SESW), 930' FSL &amp; 1700 FWL, Sec.21, T31N, R9W

## 5. Lease Serial No.

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

Sunray G 3

## 9. API Well No.

30-045-30158

## 10. Field and Pool or Exploratory Area

Basin DK

## 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☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ 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 referenced well per the attached procedure, current & proposed wellbore schematics. The Pre-Disturbance site visit was held on 6/19/13 w/ Bob Switzer. The Re-Vegetation plan is attached.

OIL CONS. DIV DIST. 3  
JUL 01 2013

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

Kenny Davis

Title Staff Regulatory Technician

Signature

Date

6/20/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

Original Signed: Stephen Mason

Title

Date

JUN 26 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.

NMCCD TV

# ConocoPhillips

## SUNRAY G 3

Expense - P&A

Lat 36° 52' 43.68" N

Long 107° 47' 16.26" 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. PU and remove tubing hanger.

5. POOH with tubing (per pertinent data sheet).

Tubing Size: 2-3/8" Set Depth: 7445 ftKB

\*\*If this well has rods or a packer, then modify the work sequence as appropriate.

6. RIH with tubing and watermelon mill. Round trip watermelon mill 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.

#### 7. Plug 1 (Dakota perforations, Dakota and Graneros formation tops, 7197-7347', 16 Sacks Class B Cement)

RIH and set 4-1/2" CR @ 7347'. Load casing and circulate well clean. Pressure test tubing to 1000 psi. Pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 16 sx Class B cement and spot above CR to isolate the Dakota perforations and top and the Graneros top. PUH.

#### 8. Plug 2 (Gallup formation top, 6510-6610', 12 Sacks Class B Cement)

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

#### 9. Plug 3 (Mancos formation top, 5550-5650', 12 Sacks Class B Cement)

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

#### 10. Plug 4 (Mesa Verde formation top, 4500-4600', 12 Sacks Class B Cement)

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesa Verde top. PUH.

#### 11. Plug 5 (7" casing shoe and Pictured Cliffs formation top, 3021-3380', 32 Sacks Class B Cement)

Mix 32 sx Class B cement and spot a balanced plug inside the casing to cover the 7" casing shoe and the Lewis and Pictured Cliffs formation tops. POOH.

12. RU free-point and cut 4-1/2" 10.5# J-55 casing close to 2275'. POOH and LD cut 4-1/2" casing. If casing does not cut or will not POOH, call Rig Superintendent and Engineer.

#### 13. Plug 6 (Fruitland Coal, Kirtland, and Ojo Alamo formation tops and 4-1/2" casing top, 2225-2500', 44 Sacks Class B Cement)

RIH with tubing. Mix 44 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland Coal, Kirtland, and Ojo Alamo formations tops and the cut 4-1/2" casing top. POOH.

14. Load casing. RU wireline and run CBL for 7" casing to identify TOC.

#### 15. Plug 7 (Nacimiento formation top and surface casing shoe, 0-628', 131 Sacks Class B Cement)

RIH with tubing. Mix 131 sx Class B cement and spot a balanced plug inside the casing to cover the Nacimiento formation top and surface casing shoe. TOOH and LD tubing. Shut in 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. Rig down, move off location, cut off anchors, and restore location.

# Current Schematic

ConocoPhillips

Well Name: SUNRAY G #3

|                       |                               |                         |                                |                                |                         |      |
|-----------------------|-------------------------------|-------------------------|--------------------------------|--------------------------------|-------------------------|------|
| API# 0001             | Surface Legs Location         | Field Name              | License No.                    | State/Province                 | Well Configuration Type | Edit |
| 3004530158            | NM PM 021-031N-005W           | McKINLEY-PRODUCED GAS   |                                | NEW MEXICO                     |                         |      |
| Ground Elevation (ft) | Original KB/RT Elevation (ft) | KB-Ground Distance (ft) | KB-Casing Hanger Distance (ft) | KB-Tubing Hanger Distance (ft) |                         |      |
| 6,102.00              | 6,204.00                      | 12.00                   | 6,204.00                       | 6,204.00                       |                         |      |

Well Config: - Original Hole, 6/3/2013 3:27:54 PM

| ftKB (MD) | ftKB (TVD) | Schematic - Actual  | From Final             |
|-----------|------------|---|------------------------|
| 12        | 12         | <div>NO TUBING TALLY. TBG DETAILS FROM COMPLETIONS REPORT</div> <div>Surface, 9 5/8in, 9,001in, 12 ftKB, 217 ftKB</div> |                        |
| 216       | 216        |   |                        |
| 217       | 217        |   |                        |
| 222       | 222        |   |                        |
| 578       | 578        |   | NACIMIENTO, 578        |
| 2,303     | 2,303      |   | OJO ALAMO, 2,303       |
| 2,360     | 2,360      |   | KIRTLAND, 2,360        |
| 2,510     | 2,510      |   | FRUITLAND, 2,510       |
| 3,071     | 3,070      |   | PICTURED CLIFFS, 3,071 |
| 3,289     | 1,474      |   |                        |
| 3,290     | 1,451      |   |                        |
| 3,328     | 57         |   |                        |
| 3,330     | 0          | Intermediate 1, 7in, 6,331in, 12 ftKB, 3,330 ftKB   |                        |
| 3,335     | 0          |   |                        |
| 3,470     | 250        | Tubing, 2 3/8in, 4,701lbs/ft, J-55, 12 ftKB, 7,406 ftKB   |                        |
| 4,550     | 2,180      |   | CLIFF HOUSE, 4,550     |
| 4,755     | 2,547      |   |                        |
| 4,768     | 2,570      |   |                        |
| 4,900     | 2,805      |   | MENEFEE, 4,900         |
| 5,240     | 3,413      |   | POINT LOOKOUT, 5,240   |
| 5,800     | 4,056      |   | MANCOS, 5,800          |
| 6,580     | 5,771      |   | GALLUP, 6,580          |
| 7,280     | 7,058      |   | GREENHORN, 7,280       |
| 7,291     | 7,078      |   |                        |
| 7,304     | 7,101      |   |                        |
| 7,330     | 7,147      |   | GRANEROS, 7,330        |
| 7,385     | 7,245      |   | DAKOTA, 7,385          |
| 7,387     | 7,249      | Marker Joint, 2 3/8in, 7,406 ftKB, 7,410 ftKB   |                        |
| 7,406     | 7,283      | Tubing, 2 3/8in, 4,701lbs/ft, J-55, 7,410 ftKB, 7,442 ftKB  |                        |
| 7,410     | 7,290      |   |                        |
| 7,442     | 7,347      | Seating Nipple, 2 3/8in, 7,442 ftKB, 7,443 ftKB   |                        |
| 7,443     | 7,349      | Expendable Check, 2 3/8in, 7,443 ftKB, 7,446 ftKB   |                        |
| 7,445     | 7,353      |   |                        |
| 7,496     | 7,444      |   |                        |
| 7,528     | 7,501      |   |                        |
| 7,587     |            |   |                        |
| 7,602     |            | PBTD, 7,602   |                        |
| 7,602     |            |   |                        |
| 7,603     |            |   |                        |
| 7,604     |            |   |                        |
| 7,610     |            | TD, 7,610, 10/30/2000   |                        |
|           |            | PERF - DAKOTA, 7,387-7,406, 12/5/2000   |                        |
|           |            | PERF - DAKOTA, 7,528-7,587, 12/5/2000   |                        |
|           |            | Production 1, 4 1/2in, 4,050in, 12 ftKB, 7,604 ftKB   |                        |

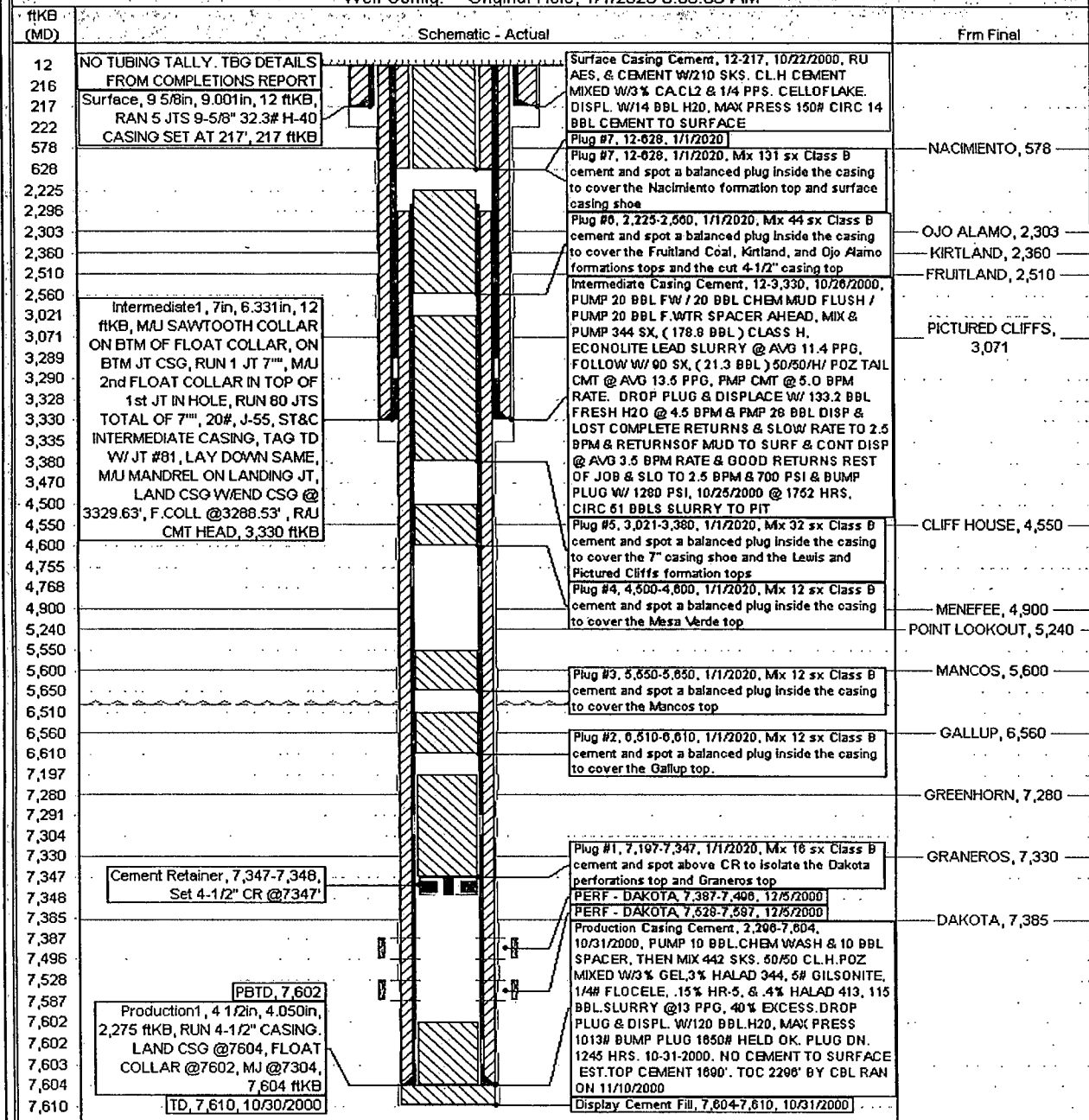
**ConocoPhillips**

Well Name: **SUNRAY G #3**

## Proposed Schematic

|                                   |  |                              |  |  |                         |      |
|-----------------------------------|--|------------------------------|--|--|-------------------------|------|
| API/OWI<br>3004530158             | Surface Legal Location<br>NMPM,021-031N-009W | Field Name<br>SUNRAY G #3    | License No.                                | State/Province<br>NEW MEXICO               | Well Configuration Type | Edit |
| Ground Elevation (ft)<br>6,192.00 | Original PBRT Elevation (ft)<br>6,204.00     | PB-Grout Depth (ft)<br>12.00 | PB-Casing Flange Distance (ft)<br>6,204.00 | PB-Tubing Hanger Distance (ft)<br>6,204.00 |                         |      |

Well Config: - Original Hole, 1/1/2020 6:00:00 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: 3 Sunray G

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 Mancos plug from 5790' – 5690'.
- b) Place the Chacra plug from 3793' – 3693'.
- c) Place the 7" Casing Shoe/Pictured Cliffs plug from 3380' – 2968'.
- d) Place the Fruitland/4 ½" Casing Stub plug from 2720' – 2225'.
- e) Place the Kirtland/Ojo Alamo plug from 1801' - 1636'.
- f) Place the Nacimiento/Surface plug from 352' to surface.

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.