

(August 2007)

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB No. 1004-0137

Expires: July 31, 2010

OCT 17 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.

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

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

Surface

UNIT G (SWNE), 1500' FNL & 1840' FEL, Sec. 9, T30N, R10W

5. Lease Serial No.

SF-077730

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Sunray E 4

9. API Well No.

30-045-20853

10. Field and Pool or Exploratory Area

Blanco PC

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☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Final Abandonment Notice☐ 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. Per verbal approval from Mark Kelly (BLM) on 10/14/13 the Pre-Disturbance Site Visit & Re-vegetation Plan will be completed & submitted after the rig moves off. A Closed Loop System will be utilized for this procedure.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD OCT 25 '13
OIL CONS. DIV.
DIST. 3

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

Denise Journey

Title Regulatory Technician

Signature

Denise Journey

Date

10/15/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 23 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.

(Instruction on page 2)

NMOCD

ConocoPhillips
SUNRAY E 4
Expense - P&A

Lat 36° 49' 45.66" N

Long 107° 53' 7.8" 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. **If there is pressure on the BH, contact engineer.**

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, and pump at least casing capacity of water down casing.

5. ND wellhead and NU BOPE. Pressure and function test BOP. Pressure test BOP to 250 psi for the low pressure test and 1500 psi for the high pressure test. Do not exceed 2000 psi.

6. RU wireline and make GR run in 2-7/8" casing to 3032'. PU CIBP for 2-7/8" OD, 6.4#, J-55 casing and set at 3032' on wireline. Load hole and pressure test casing to 560 psi. If casing does not test, then spot or tag subsequent plugs as appropriate.

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. RU wireline and run CBL from 3032' to surface and contact Rig Supervisor and Wells Engineer with results.

8. Plug 1 (Perforations and Pictured Cliffs and Fruitland Formation Tops, 2445-3032', 18 Sacks Class B Cement)

PU 1-1/4" IJ tubing workstring and TIH to CIBP at 3032'. Mix 18 sxs Class B cement and spot a balanced plug inside the casing to isolate the Pictured Cliffs perforations and the Pictured Cliffs and Fruitland formation tops. Lay down tubing to 1878'.

9. Plug 2 (Kirtland and Ojo Alamo Formation Tops, 1639-1878', 8 Sacks Class B Cement)

Mix 8 sxs Class B cement and spot a balanced plug inside the casing to isolate the Kirtland and Ojo Alamo formation tops. Lay down tubing to 213' and TOO H.

10. Plug 3 (Nacimiento Formation Top and Surface Plug, ³⁴⁰0-263', 122 Sacks Class B Cement) ³⁴⁰
RU wireline and TIH with a 4 shots per foot, 90 degree phased perforating gun w/ big hole charges (if available) to 263' and perforate squeeze holes. TOO H and RD wireline. RU pump, close blind rams and establish circulation down casing and out Braden head with water. Circulate until returns are clean. Cement inside / outside surface plug with 122 sx cement until good cement returns to surface out braden head valve, shut braden head valve, squeeze to max 200 psi and close 2-7/8" casing valve. WOC. Cut off wellhead and install P&A marker.

11. Rig down, move off location, cut off anchors, and restore location.

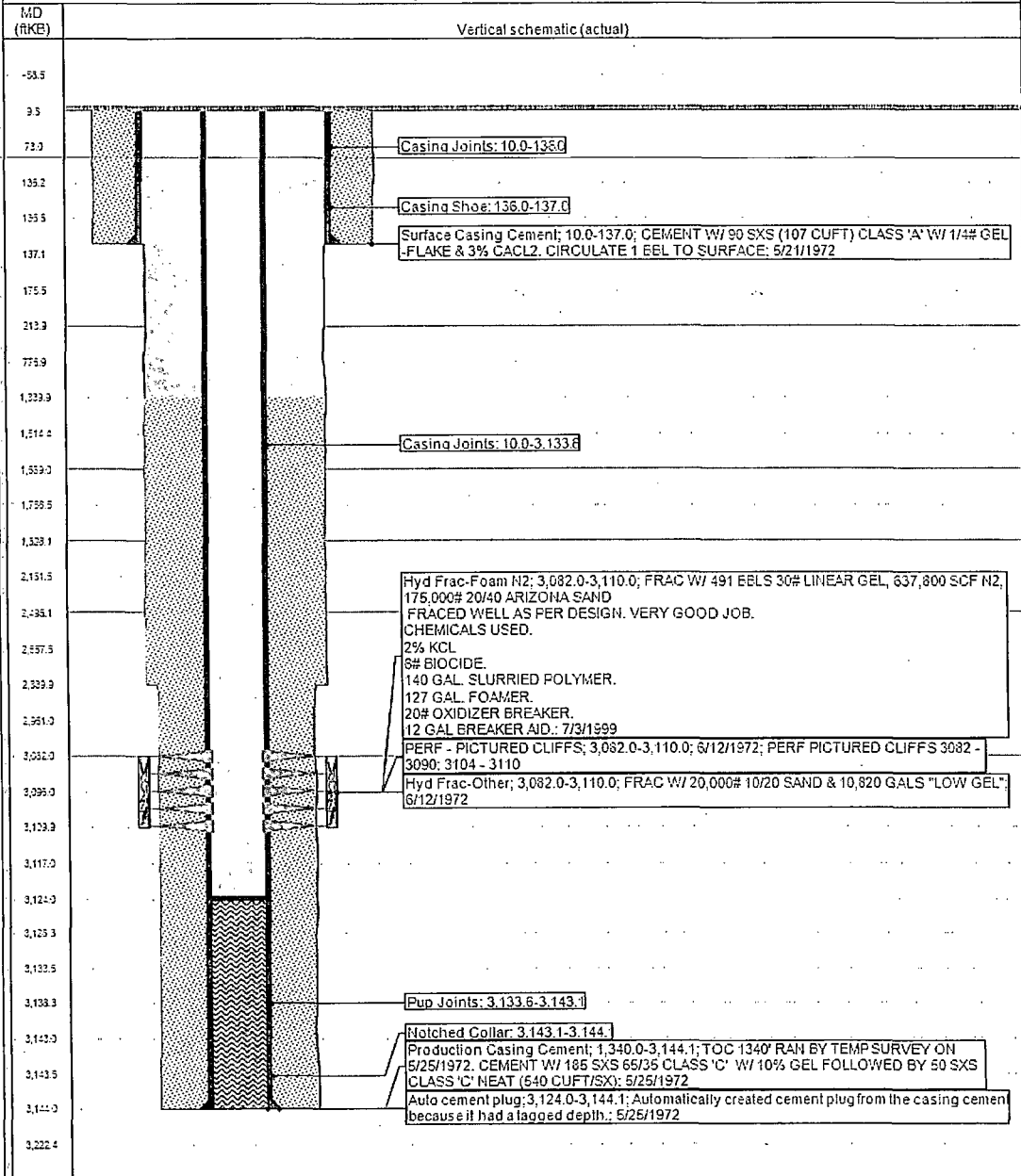
ConocoPhillips

Well Name: **SUNRAY E #4**

Current Schematic

API/UVI	Surface Legal Location	File Name	License No.	State Province	Well Configuration Type
3004520853	009-030N-010W-G	BLAND PICTURED CLIFFS (S&S)		NEW MEXICO	
Ground Elevation (ft)	Original KB RT Elevation (ft)	AS-Graded Distance (ft)	AS-Casing Elevation Distance (ft)	AS-Testing Height Distance (ft)	AS-Testing Height Distance (ft)
6,414.00	6,424.00	10.00	6,424.00	6,424.00	6,424.00

Original Hole, 9/11/2013 10:52:11 AM



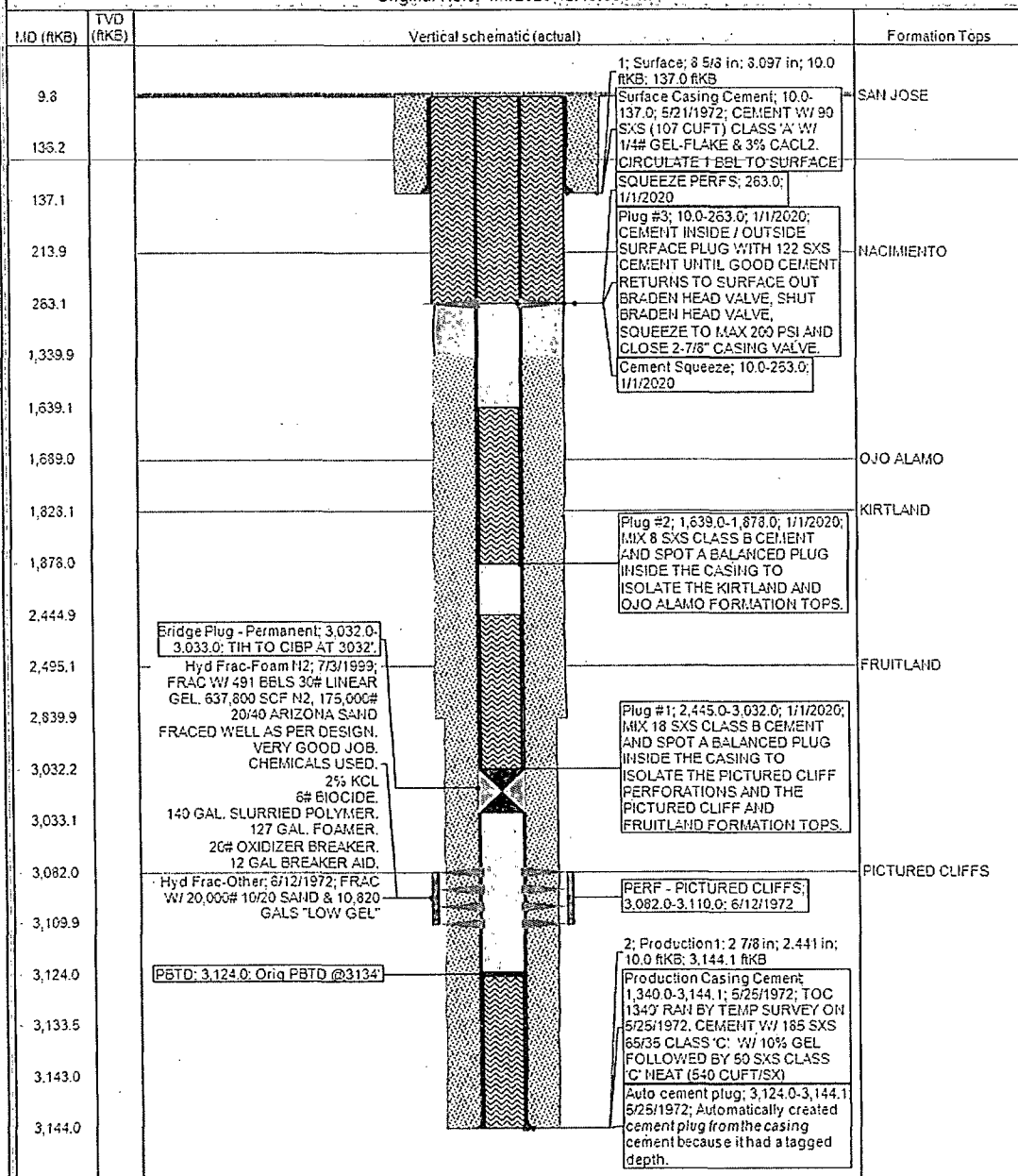
ConocoPhillips

Well Name: SUNRAY E #4

Proposed Schematic

API Well 3004520853	Surface Log Location 009-030N-010W-G	Field Name BLANCO PICTURED CLIFF (SAS)	License No.	State Province NEW MEXICO	Well Completion Type
Ground Elevation (ft) 6,414.00	Original KBRT Elevation (ft) 6,424.00	KB-GRIND DISTANCE (ft) 10.00	KB-Casing Flange Distance (ft) 6,424.00	KB-Logging Flange Distance (ft) 6,424.00	

Original Hole: 1/1/2020 12:45:00 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: 4 Sunray E

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 Nacimiento/Surface plug from 340' to surface inside and outside the 2 7/8" casing.

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.