

(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SEP 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 &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 G (SWNE), 1565' FNL &amp; 1830' FEL, Sec. 31, T28N, R4W

## 5. Lease Serial No.

SF-079732

## 6. If Indian, Allottee or Tribe Name

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

San Juan 28-4 Unit

## 8. Well Name and No.

San Juan 28-4 Unit 30

## 9. API Well No.

30-039-20078

## 10. Field and Pool or Exploratory Area

Basin DK

## 11. Country or Parish, State

Rio Arriba

New Mexico

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

## TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing /☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 recomple 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 recomple 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 Oil & Gas Company LP requests permission to P&A the subject well per the attached procedure, current & proposed well bore schematics. A closed loop system will be utilized for this P&A pocedure.

RCVD SEP 20 '13

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs  
prior to beginning  
operations

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

Kenny Davis

Title Staff Regulatory Technician

Signature

Date

9/17/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date SEP 18 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**  
**SAN JUAN 28-4 UNIT 30**  
**Expense - P&A**

Lat 36° 37' 9.264" N

Long 107° 17' 19.356" 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. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.
6. TOOH with 2-3/8" tubing (per pertinent data sheet).

<b>Tubing:</b>	Yes	<b>Size:</b>	2-3/8"	<b>Set Depth:</b>	8595'
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7. Round trip watermelon mill for 4-1/2" OD, 4.000" ID to top of perms at 8456' 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. PU and set CR for 4-1/2" OD, 11.60#, N-80, 4.000" ID casing at 8406' (50' above perms at 8456') on tubing. Load hole with water and circulate clean. Pressure test casing to 800 psi and tubing to 1000 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. TOOH with tubing.

9. RU wireline and run CBL from 8406' to surface and contact Rig Supervisor and Wells Engineer with results.

- 10. Plug 1 (Dakota Perfs, Dakota and Graneros Formation Tops, 8306-8406', 12 Sacks Class B Cement)**  
TIH with tubing. Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Dakota perforations and the Dakota and Graneros formation tops. PUH.

7448 7345

- 11. Plug 2 (Gallup Formation Top, 7520-7620', 12 Sacks Class B Cement)**  
Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Gallup formation top. PUH.

690 6810

- 12. Plug 3 (Mancos Formation Top, 6889-6989', 12 Sacks Class B Cement)**  
Mix 12 sx Class B cement and spot a balanced plug inside the casing to isolate the Mancos formation top. PUH.

6042 5742

- 13. Plug 4 (Mesa Verde Formation Top, 5745-5845', 12 Sacks Class B Cement)**  
Mix 12 sx Class B cement and spot a balanced plug inside the casing to isolate the Mesa Verde formation top. PUH.

→ Ch-Ch- 4483-4783

3716

- 14. Plug 5 (Intermediate Shoe, Pictured Cliffs and Fruitland Formation Tops, 3972-4532', 47 Sacks Class B Cement)**  
Mix 47 sx Class B cement and spot a balanced plug inside the casing to isolate the intermediate shoe and the Pictured Cliffs and Fruitland Formation Tops. PUH.

3810 3552

- 15. Plug 6 (Kirtland and Ojo Alamo Formation Tops, 3592-3820', 22 Sacks Class B Cement)**  
Mix 22 sx Class B cement and spot a balanced plug inside the casing to isolate the Kirtland and Ojo Alamo formation tops.

16. Run free point in 4-1/2" casing. Cut and recover 4-1/2" casing above top of cement at +/- 3495'. If casing does not cut at +/- 3495' or won't POOH, call Rig Supervisor and Wells Engineer.

17. Round trip a watermelon mill for 7" OD, 6.456" ID to the top of the cut 4-1/2" casing at +/- 3495' or as deep as possible.

18. RU a wireline and run a CBL from the top of the cut 4-1/2" casing at +/- 3495' to surface. Contact Rig Supervisor and Wells Engineer with results.

**19. Plug 7 (4-1/2" Casing Top, 3445-3545', 29 Sacks Class B Cement)**

TIH. Mix 29 sx Class B cement and spot a balanced plug inside the casing to cement the 4-1/2" casing top. POOH.

**20. Plug 8 (Nacimiento Formation Top, <sup>2392 2292</sup>2348-2448', 55 Sacks Class B Cement)**

Perforate 3 squeeze holes at <sup>2348</sup>2448'. PU cement retainer for 7" OD, 20#, J-55, 6.456" ID and set at <sup>2398</sup>2398'. Establish injection rate into squeeze holes. Mix 55 sxs Class B cement. Squeeze 26 sxs into the squeeze holes and leave 29 sxs inside the casing to isolate the Nacimiento formation top. POOH.

**21. Plug 9 (Surface Shoe, 0-264', 112 Sacks Class B Cement)**

Perforate 3 squeeze holes at 264'. Establish circulation out the bradenhead with water and circulate BH annulus clean. Mix 112 sxs Class B cement and pump down production casing to circulate good cement out the bradenhead. Shut in well and WOC.

23. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations.

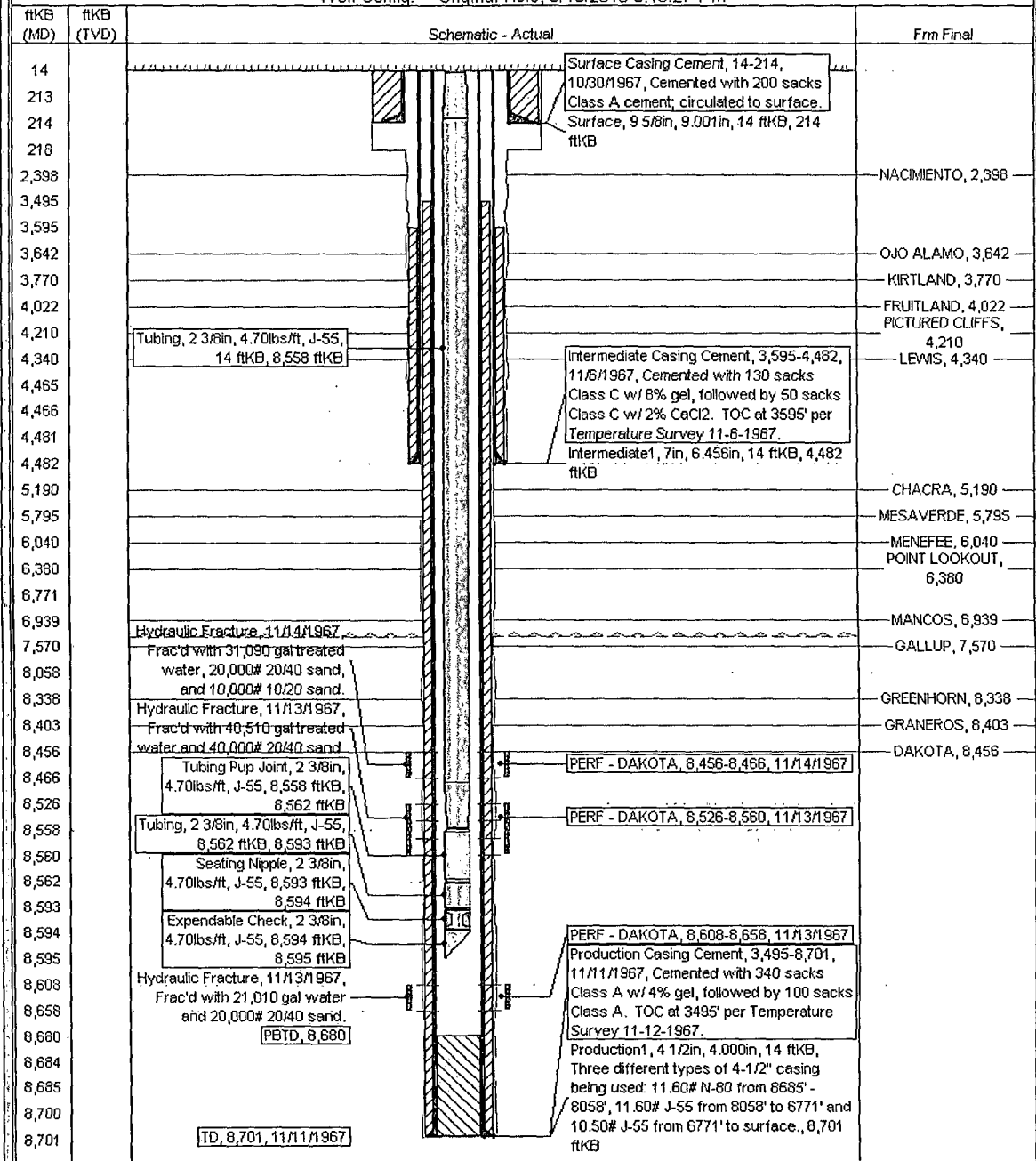
# Current Schematic

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #30

API/ UWI 3003920078	Surface Legal Location 031-028N-004W-G	Field Name SAN JUAN 28-4 UNIT #30	License No. NEW MEXICO	State/Province NEW MEXICO	Well Config/Robot Type Edit
Ground Elevation (ft) 7,303.00	Original KB/RT Elevation (ft) 7,314.20	KB-Grout Distance (ft) 11.20	KB-Casing Flange Distance (ft) 7,314.20	KB-Tubing Hanger Distance (ft) 7,314.20	

Well Config: - Original Hole, 6/16/2013 3:16:27 PM



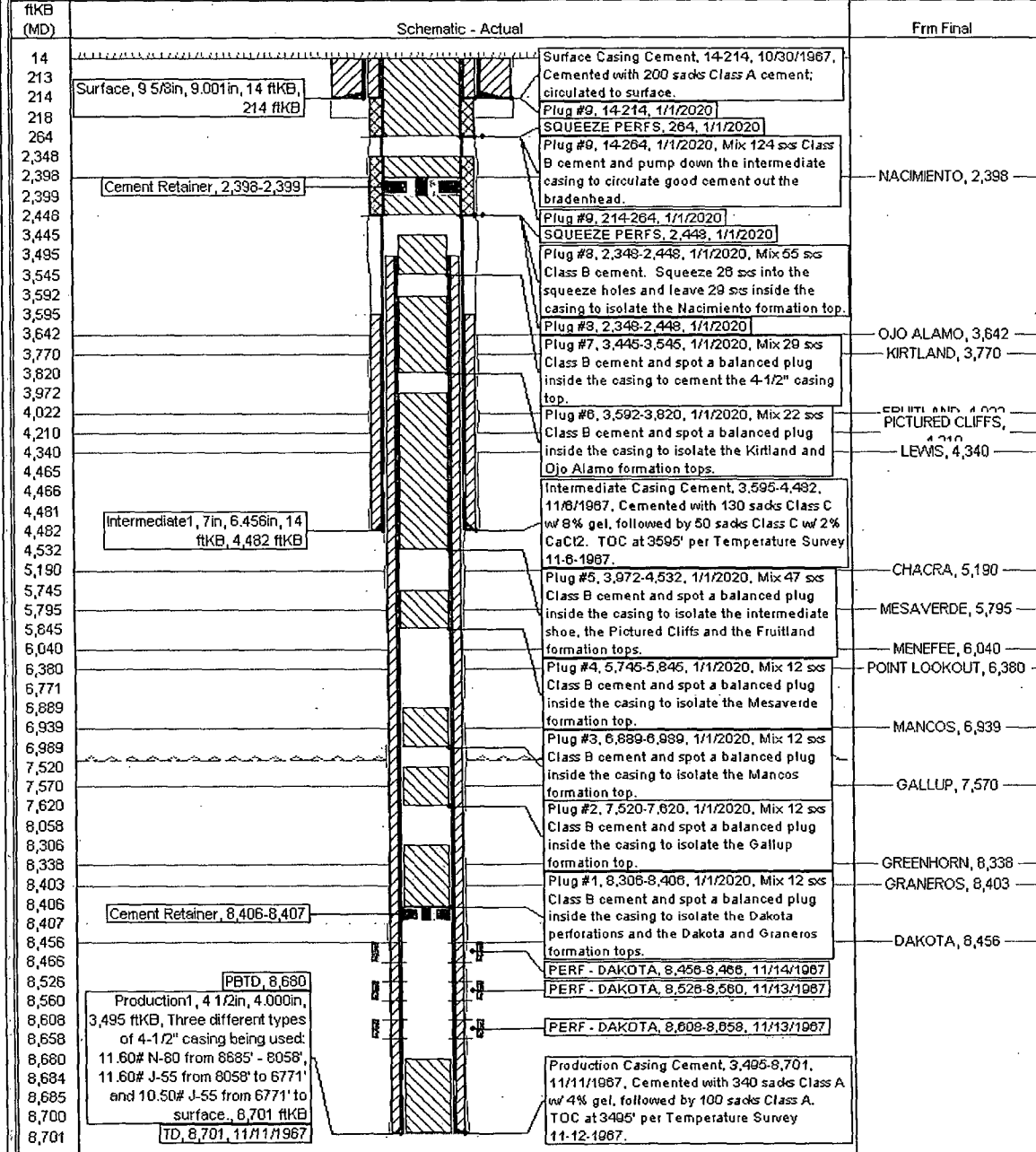
# Proposed Schematic

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #30

API/Well 3003920078	Surface Legal Location 031-026N-004W-G	Field Name SANTA FE	License No. NEW MEXICO	State/Province NEW MEXICO	Well Completion Type Edit
Ground Elevation (ft) 7,303.00	Original S.P.T. Elevation (ft) 7,314.20	IS-Grout Distance (ft) 11.20	IS-Casing Flange Distance (ft) 7,314.20	IS-Tubing Hanger Distance (ft) 7,314.20	

Well Config: - Original Hole, 1/1/2020 8:30:00 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: 30 San Juan 28-4 Unit

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 Gallup plug from 7448' – 7348'.
- b) Place the Mancos plug from 6910' – 6810'.
- c) Place the Measverde plug from 6042' – 5942'.
- d) Place the Chacra plug from 4883' – 4783'.
- e) Place the 7" casing Shoe/Pictured Cliffs/Fruitland plug from 4532' – 3916'.
- f) Place the Kirtland/Ojo Alamo plug from 3810' - 3552'.
- g) Place the Nacimiento plug from 2392'- 2292' inside and outside the 7" 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.