

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**RECEIVED**

AUG 03 2010

## Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

3. Address &amp; Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit K (NESW), 1650' FSL &amp; 1650' FWL, Section 5, T27N, R4W, NMPM

5. Lease Number  
SF-080673
6. If Indian, All. or  
Tribe Name
7. Unit Agreement Name  
San Juan 27-4 Unit
8. Well Name & Number  
San Juan 27-4 Unit 2
9. API Well No.  
  
30-039-07183
10. Field and Pool  
  
Blanco Mesa Verde
11. County and State  
Rio Arriba Co., NM

## 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

## Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

## Type of Action

☒ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection

Other -

RCVD AUG 9 '10  
OIL CONS. DIV.

DIST. 3

## 13. Describe Proposed or Completed Operations

Burlington Resources would like to P&amp;A this well per attached procedures and wellbore schematics.

## 14. I hereby certify that the foregoing is true and correct.

Signed

Rhonda Rogers Title Staff Regulatory Technician Date 8/3/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date AUG 06 2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

**ConocoPhillips**  
**SAN JUAN 27- 4 UNIT NP 2 (MV)**  
**Plug and Abandon**

**Lat 36° 35' 57.768" N**

**Long 107° 16' 36.012" W**

Note: 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 Class B, mixed at 15.8 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved 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.
2. Install and test location rig anchors. Prepare and line a waste fluid pit. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes ☐ , No ☒ , Unknown ☐  
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size 2-3/8" , Length 5008'  
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type ☐  
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.

4. **Plug #1 (Lewis, 4173' - 4273')**: PU tubing workstring. Round trip 5.5" gauge ring to 4273'. RIH and set 3.5" wireline CIBP at 4273'. Run CBL from 4273' to surface. Load casing with water and circulate well clean. Pressure test casing to 560#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* ((100 x 13.36)/1.18 + 50' excess) Mix 17 sxs Class B cement inside casing above the CIBP. PUH.

- 3367**
5. **Plug #2 (Pictured Cliffs and Fruitland tops, 3422' - 3743')**: ~~Perforate 2 squeeze holes at 3550'. RIH and set 3.5" wireline cement retainer at 3500'. Load casing with water and circulate well clean. Pressure test casing to 560#. If the casing does not test, then spot or tag subsequent plugs as appropriate. Mix 55 sxs Class B cement. ((182 x .0623)/1.18 + 50' excess) Squeeze 41 sxs below the CR and outside the 5.5" casing. Leave 14 sxs inside the casing ((128 x 13.36)/1.18 + 50' excess). PUH.~~

- 3072**
6. **Plug #3 (Kirtland to Ojo Alamo tops, 3472' - 3315')**: ~~Perforate 2 squeeze holes at 3315'. RIH and set 3.5" wireline cement retainer at 3265'. Load casing with water and circulate well clean. Pressure test casing to 560#. If the casing does not test, then spot or tag subsequent plugs as appropriate. Mix 33 sxs Class B cement. ((143 x .0623)/1.18 + 50' excess) Squeeze 11 sxs outside the 5.5" casing and leave 22 sxs inside the casing ((143 x 13.36)/1.18 + 50' excess). PUH.~~

→ *Nacimiento plug 1940-1940' on side the 5 1/2" and outside the 7" casing*

7. **Plug #4 (9-5/8" casing shoe, 229' - Surface):** Perforate 2 squeeze holes at 229'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 71 sxs cement and pump down the 5.5" casing to circulate good cement out of 5.5" and 7" annuli. Shut-in well and WOC.
8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

# Current Schematic

ConocoPhillips

Well Name: SAN JUAN 27.4 UNIT NP #2

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003907183	1953-1-11 1953-1-11 1953-1-11 1953-1-11	BLUNDO MESAVEVEROL (PROPRAT 1907)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grond Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,830.00	6,840.00	10.00	6,840.00	6,840.00		

Well Config: - Sidetrack 1, 7/30/2010 9:47:12 AM

ftKB (MD)	Schematic - Actual	Frm Final
0		
10		
178		
179		
2,040	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 4,975 ftKB	
3,222		OJO ALAMO, 3,222
3,265		KIRTLAND, 3,265
3,472		FRUITLAND, 3,472
3,601		
3,693		PICTURED CLIFFS, 3,693
3,796		LEWIS, 3,796
4,323	Hydraulic Fracture, 5/13/1998, Frac w/ 570 bbls 20# linear gel; 150,000# 20/40 AZ sand; 938,000 scf N2.	
4,592	Hydraulic Fracture, 5/11/1998, Frac w/ 568 bbls 20# linear gel; 150,000# 20/40 AZ sand; 1,700,000 scf N2.	
4,668		
4,975	"F" Nipple, 2 3/8in, 4,975 ftKB, 4,976 ftKB	
4,976		
4,999	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 4,976 ftKB, 5,007 ftKB	
5,007		
5,008	Expendable Check, 2 3/8in, 5,007 ftKB, 5,008 ftKB	
5,161	PBTD (Sidetrack 1), 5,161	
5,164		
5,349		
5,350		
5,451		CLIFF HOUSE, 5,451
5,457		
5,518	Hydraulic Fracture, 2/10/1954, Frac OH w/ 5,000 gals diesel oil; 4,700# sand.	MENELEE, 5,518
5,814		POINT LOOKOUT, 5,814
5,960		
6,000	TD (Sidetrack 1), 6,000, 1/6/1954	



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 2 San Juan 27-4 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) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Pictured Cliffs/Fruitland plug to 3367'.
  - b) Place the Kirtland/Ojo Alamo plug from 3315' –3072'.
  - c) Place the Nacimiento plug from 1940' –1840' inside the 5 ½" casing 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.