

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

RECEIVED

FEB 23 2011

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

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

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

Unit K (NESW), 1560' FSL & 1595' FWL, Section 34, T27N, R4W, NMPM

5. Lease Number
SF-080675

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 120

9. API Well No.
30-039-22122

10. Field and Pool
Blanco Mesaverde

11. County and State
Rio Arriba, NM

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

Type of Submission
☒ Notice of Intent

Type of Action
☒ Abandonment

☐ Change of Plans

☐ Other -

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematic.

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 2/23/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date FEB 24 2011

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.

NMOC

ConocoPhillips
SAN JUAN 27-4 Unit 120 (MV)
Expense - P&A
Lat 36° 31' 37.92" N Long 107° 14' 32.399" W

PROCEDURE:

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 6317'
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 (Mesa Verde and Chacra Top 5597' – ~~4970'~~ 4502')**: Remove the tubing hanger and TOH with the current tubing. RIH and set 4.5" wireline CR at 5597'. Load casing with water and circulate well clean. Pressure test tubing and then PT casing to 1000#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix and pump 52 sxs Class B cement inside the casing. PUH. *OR plug from 5597' - 5497' mesa verde & 4602' - 4502' Chacra*
5. **Plug #2 (Pictured Cliffs to Ojo Alamo Top, 4093' – 3478')**: Load Casing with water and circulate well clean. If the casing does not test, then spot or tag subsequent plugs as appropriate. Mix 51 sxs of Class B cement and spot a balanced plug to cover the Ojo Alamo tops. PUH.
6. **Plug #3 (Nacimiento Top, 2374' – 2274')**: Perforate 3 squeeze holes at 2374'. RIH w/ 4.5" cement retainer to 2324'. Load casing and with water and circulate well clean. Establish rate into squeeze holes. Mix 22 sxs Class B cement. Squeeze 10 sxs cement and leave 12 sxs cement inside the 4.5" casing. PUH
7. **Plug #4 (9-5/8" surface casing shoe, 273' – Surface)**: Perforate 3 squeeze holes at 273'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 92 sxs cement and pump down the 4.5" casing to circulate good cement out of the 4.5" and 7" annuli. Shut-in well and WOC. TOH and LD tubing.

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.

Recommended Paul Nguyen
Engineer

Office (505) 599-3432

Cell (505) 320-1254

Office

Cell

Approved

Expense Supervisor

(505) 326-9582

(505) 320-4785

Kelly Kolb

Current Schematic

ConocoPhillips

Well Name: SAN JUAN 27-4 UNIT #120

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003922122	1200 F 24 1200 F 24 1200 F 24 1200 F 24	BLANCO MIV (PRO)	40178	NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Edge Distance (ft)	KB-Tubing Hanger Distance (ft)		
7,251.00	7,265.00	14.00	7,265.00	7,265.00		

Well Config: - Sidetrack 1, 1/1/2020

ftKB (MD)	Schematic - Actual	Frm Final
14	Surface Casing Cement, 14-223, 10/25/1979, Cemented with 190 sacks of Class B; circulated 10 bbls of good cement to surface.	
222	Surface, 9 5/8in, 8.921in, 14 ftKB, Adjusted surface casing and hole depth from a 12' KB to a 14' KB., 223 ftKB	
223		
230		
2,324	Cement Squeeze, 1,370-3,600, 8/28/1996, Hole in casing from 1442'- 1459'. Squeezed with 100 sacks of Class B neat. TOC @ 1370' per CBL 8/29/96	NACIMIENTO, 2,324
2,325		
3,528	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 14 ftKB, 6,282 ftKB	OJO ALAMO, 3,528
3,612		
3,725	Cement Squeeze, 3,600-3,933, 8/27/1996, Mix 200 sxs of class B neat and squeezed off @ 1200 psi.	KIRTLAND, 3,612
3,892		
4,043	Intermediate Casing Cement, 3,600-4,415, 11/5/1979, Cemented with 525 sacks of 65/35 Class B Poz, tailed with 100 sacks of Class B. TOC at 3600' (Temp Survey)	PICTURED CLIFFS, 4,043
4,151	Intermediate, 7in, 6.366in, 14 ftKB, Adjusted intermediate casing and hole depth from a 12' KB to a 14' KB., 4,415 ftKB	LEWIS, 4,151
5,020		CHACRA, 5,020
5,597		
5,598		
5,624		
5,637	Hydraulic Fracture, 9/28/1996, Fractured with 78,000# 20/40 Arizona sand and an unknown amount of 70Q 30# Linear gel with 801,000 scf N2.	
5,647		
5,744	Cliff House, 5,647-5,899, 9/28/1996	CLIFFHOUSE, 5,744
5,850	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 6,282 ftKB, 6,314 ftKB	MENEFEE, 5,850
5,899	Hydraulic Fracture, 9/25/1996; Fractured with 33,000# 20/40 Arizona sand and an unknown amount of 30# Linear gel with 282,000 scf N2.	
6,225		POINT LOOKOUT, 6,225
6,229		
6,282	Profile Nipple, F-NIPPLE, 2 3/8in, 6,314 ftKB, 6,315 ftKB	
6,314		
6,315	Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 6,315 ftKB, 6,317 ftKB	
6,317	Notched collar, 2 3/8in, 6,317 ftKB, 6,317 ftKB	
6,318		
6,377		
6,619	PBTD (Sidetrack 1), 6,619	
6,627		
6,628		
6,670		
6,671	Production Casing Cement, 2,850-6,671, 9/23/1996, Cemented with 435 sacks of 50/50 Class G Poz. TOC @ 2800' (CBL 9/24/1996) Cement Plug, 6,619-6,671, 9/24/1996, PBTD Production, 4 1/2in, 4.052in, 14 ftKB, 6,671 ftKB	

Well Name: SAN JUAN 274 UNIT #120

Report Printed: 2/11/2011

**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: 120 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 Mesaverde/Chacra plug to 4502'.

OR

b) Place the Mesaverde plug from 5597' – 5497'.

c) Place the Chacra plug from 4602' – 4502'.

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.