

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

Sundry Notices and Reports on Wells

RECEIVED**JAN 24 2012**

Farmington Field Office
Bureau of Land Management

Lease Number
SF-080379-A

1. Type of Well
GAS

6. If Indian, All. or
Tribe Name

2. Name of Operator

ConocoPhillips

7. Unit Agreement Name
San Juan 29-6 Unit

3. Address & Phone No. of Operator

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

8. Well Name & Number
San Juan 29-6 Unit 246

9. API Well No.

30-039-24824

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

Unit K (NESW), 1513' FSL & 1990' FWL, Section 8, T29N, R6W, NMPM

10. Field and Pool
Basin Fruitland Coal

11. County and State
Rio Arriba, NM

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

Type of Submission

Type of Action

☒

Notice of Intent

☒

Abandonment

☐ Change of Plans☐ Other -☐

Recompletion

☐

New Construction

☐

Subsequent Report

☐

Plugging

☐

Non-Routine Fracturing

☐

Casing Repair

☐

Water Shut off

☐

Final Abandonment

☐

Altering Casing

☐

Conversion to Injection

13. Describe Proposed or Completed Operations

ConocoPhillips Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

**Notify NMOCD 24 hrs
prior to beginning
operations**

RCVD JAN 30 '12**OIL CONS. DIV.****DIST. 3****14. I hereby certify that the foregoing is true and correct.**

Signed Crystal Tafoya Crystal Tafoya

Title Staff Regulatory TechnicianDate 1/24/2012

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____Date JAN 26 2012

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

NMOCD

A

Expense – P&A

January 23, 2012

SAN JUAN 29-6 Unit 246 (FC)

Basin Fruitland Coal
1513' FSL and 1990' FWL, Unit K Section 08, T29N, R06W
Rio Arriba, New Mexico / API 30-039-24824
Lat: 36° 44' 13.236" N/ Long: 107° 29' 16.656" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. 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.
2. Install and test location rig anchors. 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. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
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. Rods: Yes____, No X, Unknown____.
Tubing: Yes X, No____, Unknown____ Size 2 3/8, Length 3619'.
Packer: Yes____, No X, Unknown____ Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
5. **Plug #1 (Fruitland Coal Open Hole, Intermediate shoe, and Fruitland top: 3369' – 3269')**: RIH and set 7" CR at 3369'. Load casing and circulate well clean. Pressure test tubing. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 29 sxs Class B cement and spot above CR to isolate the Fruitland Coal open hole, intermediate shoe, and Fruitland top. PUH.
6. **Plug #2 (Kirtland & Ojo Alamo, ^{2960 2640}~~2955' - 2670'~~)**: Mix ~~63~~ sxs Class B cement and spot a balanced plug inside casing to cover Kirtland and Ojo Alamo tops. PUH.
6. **Plug #3 (Nacimiento, 1460' – 1360')**: Mix 29 sxs Class B cement and spot balanced plug inside the casing to cover Nacimiento top. POH and LD tubing.
7. **Plug #4 (9-5/8" surface casing shoe, 367' – surface)**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 78 sxs Class B cement and spot a balanced plug from 367' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to

circulate cement to surface filling the casing from 367' and the annulus from the squeeze holes to surface. 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 29-6 UNIT #246

API/UNW	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003924824	NMPM-29N-06W-08-K	FC		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,768.00	6,780.00	12.00				

Well Config: Vertical- Original Hole, 1/23/2012 2:15:46 PM

ftKB (MD)	From Final	Schematic - Actual
12		
12		
316		
317	Surface, 9 5/8in, 12 ftKB, 317 ftKB	Surface Casing Cement, 12-317, 9 1/2" 1990, Cemented w/ 250 sx Class B. Circ 80 sx to surface.
319		
1,410	NACIMIENTO, 1,410	
	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 3,629 ftKB	
2,720	OJO ALAMO, 2,720	
2,905	KIRTLAND, 2,905	
3,385	FRUITLAND, 3,385	
3,418		
3,419	Intermediate 1, 7in, 12 ftKB, 3,419 ftKB	Intermediate Casing Cement, 12-3,419, 9 1/5" 1990, Cemented w/ 500 sxs 65/35 Poz. Tailed w/ 150 sxs Class B. Circ 121 sxs cement.
3,420	OPEN HOLE UNDERREAMED 6.25 TO 9.5 INCH IN 1998	
3,436	Perf'd 3436'-3664', total 368 holes. Perf'd through 5 1/2" liner which was pulled in 1998.	
3,629	Profile Nipple, 2 3/8in, 3,629 ftKB, 3,630 ftKB	
3,630	Mule Shoe, 2 3/8in, 3,630 ftKB, 3,631 ftKB	
3,631		
3,656	PICTURED CLIFFS, 3,656	
3,664		
3,666	TD, 3,666, 10/1/1998	

Current Schematic

ConocoPhillips

Well Name: SAN JUAN 29-6 UNIT #246

API/UWI 3003924824	Surface Legal Location NMPM-29N-06W-08-K	Field Name FC	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 6,768.00	Original KB/PT Elevation (ft) 6,780.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: Vertical - Original Hole, 1/1/2020

ftKB (MD)	From Final	Schematic - Actual
12		
12		
316		
317	Surface, 9 5/8 in, 12 ftKB, 317 ftKB	Surface Casing Cement, 12-317, 9/12/1990, Cemented w/ 250 sxs Class B. Circ 80 sxs to surface.
319		Plug #4, 12-367, 1/1/2020, Mix 78 sxs Class B cement and spot a balanced plug from 367' to surface, circulate good cement out casing valve.
367		
1,360		
1,410	NACIMIENTO, 1,410	Plug #3, 1,360-1,460, 1/1/2020, Mix 29 sxs Class B cement and spot balanced plug inside the casing to cover Nacimiento top.
1,460		
2,670		
2,720	OJO ALAMO, 2,720	
2,905	KIRTLAND, 2,905	Plug #2, 2,670-2,955, 1/1/2020, Mix 63 sxs Class B cement and spot a balanced plug inside casing to cover Kirtland and Ojo Alamo tops.
2,955		
3,269		Plug #1, 3,269-3,369, 1/1/2020, Mix 29 sxs Class B cement and spot above CR to isolate the Fruitland Coal open hole, intermediate shoe, and Fruitland top
3,369	Cement Retainer, 3,369-3,370	
3,370		
3,385	FRUITLAND, 3,385	
3,418		
3,419	Intermediate 1, 7 in, 12 ftKB, 3,419 ftKB	Intermediate Casing Cement, 12-3,419, 9/15/1990, Cemented w/ 500 sxs 65/35 Poz. Tailed w/ 150 sxs Class B. Circ 121 sxs cement.
3,420	OPEN HOLE UNDERREAMED 6.25 TO 9.5 INCH IN 1998	
3,436	Perf'd 3436'-3664', total 368 holes. Perf'd through 5 1/2" liner which was pulled in 1998.	
3,629		
3,630		
3,631		
3,656	PICTURED CLIFFS, 3,656	
3,664		
3,666	TD, 3,666, 10/1/1998	

**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: 246 San Juan 29-6 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) Place the Kirtland/Ojo Alamo plug from 2960' – 2640'.

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.