

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 11 2012

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

**SUNDRIY 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

ConocoPhillips Company

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 L (NWSW), 1450' FSL & 1100' FWL, Sec. 26, T29N, R5W

5 Lease Serial No

SF-078917

6. If Indian, Allottee or Tribe Name

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

San Juan 29-5 Unit

8 Well Name and No

San Juan 29-5 Unit 77

9 API Well No

30-039-21055

10 Field and Pool or Exploratory Area

Blanco MV / 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	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 )

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

RCVD SEP 20 '12  
OIL CONS. DIV.  
DIST. 3

Notify NMOC D 24 hrs  
prior to beginning  
operations

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

Dollie L. Busse

Title Staff Regulatory Technician

Signature

*Dollie L. Busse*

Date

9/11/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 18 2012

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)

AV

**ConocoPhillips**  
**SAN JUAN 29-5 UNIT 77**  
**Expense - P&A**

Lat 36° 41' 35.56" N

Long 107° 19' 53.746" 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. 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.
4. ND wellhead and NU BOPE. Function and pressure test BOP. PU and remove tubing hanger.
5. TOOH with tubing/rods (per pertinent data sheet). LD tubing bailer (if applicable).

<b>Rods:</b>	No	<b>Size:</b>		<b>Depth:</b>		
<b>Tubing:</b>	Yes	<b>Size:</b>	2-3/8"	<b>Depth:</b>	6317'	<b>KB:</b> 13'

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. Round trip casing scraper through deepest perforation 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.

**6. Plug 1 (Dakota, 8323-8423', 12 Sacks Class B Cement)**

Load hole and circulate well clean. Pressure test tubing to 1000 PSI. Mix 12 sx Class B cement and spot over CIBP to isolate the Dakota perforations and formation top. PUH

7317 7297

**7. Plug 2 (Gallup, 7348-7448', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top. PUH.

**8. Plug 3 (Mancos, 6618-6718', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mancos formation top. TOOH.

**9. Plug 4 (Mesa Verde, 5678-5946', 25 Sacks Class B Cement)**

RIH with 4-1/2" CIBP and set at 5946'. Mix 25 sx Class B cement and spot over CIBP to cover the Mesa Verde perforations and formation top. TOOH.

4932 4832

**10. Plug 5 (Chacra, 5097-5197', 29 Sacks Class B Cement)**

RIH and perforate squeeze holes at 5197'. Establish injection rate into squeeze holes. RIH with 4-1/2" CR and set at 5147'. Mix 29 sx Class B cement and squeeze 17 sx outside the casing. Leaving 12 sx inside the casing to cover the Chacra formation top. TOOH.

4071

**11. Plug 6 (Lewis, 7" Casing Shoe, and Pictured Cliffs, 4400-4407', 73 Sacks Class B Cement)**

RIH and perforate squeeze holes at 4407'. Establish injection rate into squeeze holes. RIH with 4-1/2" CR and set at 4357'. Mix 73 sx Class B cement and squeeze 45 sx outside the casing, leaving 28 sx inside the casing to cover the Lewis formation to, 7" casing shoe, and Pictured Cliffs formation tops. TOOH.

12. RU free-point and cut 4-1/2" 11.6# J-55 casing close to 3705'. POOH and LD cut 4-1/2" casing. If casing does not cut or will not POOH, call Rig Superintendent and Production Engineer.

3913

**13. Plug 7 (4-1/2" Casing Top, Fruitland Coal, Kirtland, Ojo Alamo, 3380-3755', 82 Sacks Class B Cement)**

RIH with tubing. Mix 82 sx Class B cement and spot a balanced plug inside the casing to cover the 4-1/2" casing top, Fruitland Coal, Kirtland, and Ojo Alamo formation tops. TOOH.

**14. Plug 8 (Nacimiento, 2253-2253', 55 Sacks Class B Cement)**

RIH and perforate squeeze holes at 2253'. Establish injection rate into squeeze holes. RIH with 7" CR and set at 3458'. Mix 55 sx Class B cement and squeeze 26 sx outside the casing, leaving 29 sx inside the casing to cover the Nacimiento formation top. TOOH.

**15. Plug 9 (Surface Casing Shoe, 0-345', 138 Sacks Class B Cement)**

RIH and perforate squeeze holes at 345'. Establish circulation out BH valve with water and circulate annulus clean. Mix 138 sx Class B cement and pump down casing, circulating good cement out BH valve. SI well and WOC.

16. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

# Current Schematic

ConocoPhillips

Well Name: SAN JUAN 29.5 UNIT #77

API/UNW	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003921055	NMPM-29N-05W-26-L	MV/DK COM		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
7,168.00	7,181.00	13.00				

Well Config: Vertical - Original Hole, 8/30/2012 8:49:18 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
13			
294			
295		Surface, 9 5/8in, 8,921in, 13 ftKB, 295 ftKB	
2,180		Tubing, 2 3/8in, 4,701lbs/ft, J-55, 13 ftKB, 2,180 ftKB	
2,303			NACIMIENTO, 2,303
3,430			DJO ALAMO, 3,430
3,571			KIRTLAND, 3,571
3,705			FRUITLAND, 3,705
4,150			PICTURED CLIFFS, 4,150
4,274		Tubing slim hole collars, 2 3/8in, 4,701lbs/ft, J-55, 2,180 ftKB, 6,282 ftKB	
4,275		Intermediate, 7in, 6,456in, 13 ftKB, 4,275 ftKB	
4,357			LEWIS, 4,357
5,141			CHACRA, 5,141
5,728			CLIFF HOUSE, 5,728
5,952			MENEFEE, 5,952
5,996			
6,020		Tubing Pup Joint, 2 3/8in, 4,701lbs/ft, J-55, 6,282 ftKB, 6,284 ftKB	
6,278			POINT LOOKOUT, 6,278
6,281		Tubing, 2 3/8in, 4,701lbs/ft, J-55, 6,284 ftKB, 6,315 ftKB	
6,284		2.375" X 1.780" ID F-NIPPLE, 2 3/8in, 4,701lbs/ft, 6,315 ftKB, 6,316 ftKB	
6,300		EXPENDABLE CHECK, 2 3/8in, 4,701lbs/ft, 6,316 ftKB, 6,317 ftKB	
6,315			
6,316			
6,317			
6,402			
6,668			MANCOS, 6,668
7,398			GALLUP, 7,398
8,277			GREENHORN, 8,277
8,345			GRANEROS, 8,345
8,407			DAKOTA, 8,407
8,423			
8,429		CIBP, 8,423-8,429	
8,448			
8,460		Perforated, 8,448-8,460, 6/25/1975	
8,470			
8,472		CIBP, 8,470-8,472	
8,475		Cement Retainer, 8,475-8,490, Baker Model K Cement Retainer. Thought to have fallen downhole from swab report 4/25/1994 allowing water back into wellbore.	
8,480			
8,498			
8,512		8,498-8,512, 6/25/1975	
8,514			
8,535		PBTD, 8,535	
8,554			
8,555		TD, 8,555, 6/20/1975	
		Production, 4 1/2in, 4,000in, 13 ftKB, 8,555 ftKB	

# Proposed Schematic

ConocoPhillips

Well Name: SAN JUAN 29.5 UNIT #77

API/UWI 3003921055	Source Legal Location NMPM-29N-05W-26-L	Field Name MV/DK COM	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 7,168.00	Original PBPT Elevation (ft) 7,161.00	IF-Gravel Deck Elevation (ft) 13.00	IF-Casing Flange Elevation (ft)	IF-Tubing Hanger Elevation (ft)		

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

ftKB (MD)	Schematic - Actual	Frm Final
13	Surface, 9.5/8in, 8.921in, 13 ftKB	
295	295 ftKB	
2,160	SQUEEZE PERFS, 345, 1/1/2020	
2,303	Cement Retainer, 2,303-2,304	NACIMIENTO, 2,303
2,353	SQUEEZE PERFS, 2,353, 1/1/2020	
3,380		
3,571		OJO ALAMO, 3,430
3,755		KIRTLAND, 3,571
4,150	Intermediate, 7in, 6.456in, 13 ftKB	FRUITLAND, 3,705
4,275	4,275 ftKB	PICTURED CLIFFS, 4,150
4,358	Cement Retainer, 4,357-4,358	
5,097	SQUEEZE PERFS, 4,407, 1/1/2020	LEWIS, 4,357
5,147	Cement Retainer, 5,147-5,148	
5,197	SQUEEZE PERFS, 5,197, 1/1/2020	CHACRA, 5,141
5,678		
5,946	Bridge Plug - Permanent, 5,946-5,947	CLIFF HOUSE, 5,728
5,952	Perforated, 5,996-6,020, 11/15/2004	
5,996	65Q SLICK FOAM, 11/15/2004, SEE DAILY REPORT	MENEFEE, 5,952
6,278		POINT LOOKOUT, 6,278
6,284		
6,315		
6,317	Perforated, 6,300-6,402, 11/12/2004	
6,402		
6,618		
6,718		MANCOS, 6,668
7,398		
8,277	CIBP, 8,423-8,429	GALLUP, 7,398
8,345	Perforated, 8,448-8,460, 6/25/1975	GREENHORN, 8,277
8,423	CIBP, 8,470-8,472	
8,448	Cement Retainer, 8,475-8,490, Baker Model K Cement Retainer. Thought to have fallen downhole from swab report 4/25/1994 allowing water back into wellbore.	GRANEROS, 8,345
8,470		DAKOTA, 8,407
8,475		
8,498	8,498-8,512, 6/25/1975	
8,514	PBTD, 8,535	
8,554	Production, 4 1/2in, 4,000in, 3,705 ftKB, 8,555 ftKB	
	TD, 8,555, 6/20/1975	
	SURFACE CASING CEMENT, 13-295, 6/15/1975, CEMENT WITH 280 SX CIRCULATED TO SURFACE	
	Plug #9 squeeze, 13-345, 1/1/2020	
	Plug #9, 13-345, 1/1/2020, Mix 138 sxs Class B cement and pump down casing, circulating good cement out bradenhead valve.	
	Plug #8, 2,253-2,353, 1/1/2020, Mix 55 sxs Class B cement and squeeze 26 sxs outside the casing, leave 29 sxs inside the casing to cover the Nacimiento formation top.	
	Plug #8, 2,253-2,353, 1/1/2020	
	Plug #7, 3,380-3,755, 1/1/2020, Mix 82 sxs Class B cement and spot a balanced plug inside the casing to cover the 4 1/2" casing top, Fruitland Coal, Kirtland and Ojo Alamo formation tops.	
	INTERMEDIATE CASING CEMENT, 2,700-4,275, 6/18/1975, CEMENT WITH 165 sx TOC @ 2700 by TS	
	Plug #6, 4,100-4,407, 1/1/2020, Mix 73 sxs Class B cement and squeeze 45 sxs outside the casing, leaving 28 sxs inside the casing to cover the Lewis formation top, 7" casing shoe and Pictured Cliffs formation top.	
	Plug #6 squeeze, 4,100-4,407, 1/1/2020	
	Plug #5, 5,097-5,197, 1/1/2020, Mix 29 sxs Class B cement and squeeze 17 sxs outside the casing, leaving 12 sxs inside the casing to cover the Chacra formation top.	
	Plug #5 squeeze, 5,097-5,197, 1/1/2020	
	Plug #4, 5,678-5,946, 1/1/2020, Mix 25 sxs Class B cement and spot over CIBP to cover the Mesa Verde perforations and Formation top.	
	PRODUCTION CASING CEMENT, 6,400-6,500, 11/5/2004	
	Squeeze, 5,990-6,500, 11/8/2004	
	PRODUCTION CASING CEMENT, 5,990-6,500, 11/8/2004	
	PRODUCTION CASING CEMENT, 5,650-6,500, 11/10/2004, TOC @ 5650' by CBL 11/11/2004	
	Plug #3, 6,618-6,718, 1/1/2020, Mix 12 sxs Class B cement and spot a balanced plug inside the casing to cover the Mancos formation top.	
	Plug #2, 7,348-7,448, 1/1/2020, Mix 12 sxs Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top.	
	Plug #1, 8,323-8,423, 1/1/2020, Mix 12 sxs Class B cement and spot over CIBP to isolate the Dakota perforations and Formation top.	
	PRODUCTION CASING CEMENT, 5,990-8,555, 6/21/1975, CEMENT WITH 325 SX TOC @ 5990 by CBL 10/26/2004	
	PLUGBACK, 8,535-8,555, 6/22/1975	

**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: 77 San Juan 29-5 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 7397' – 7297'.
  - b) Place the Chacra plug from 4932' – 4832' inside and outside the 4 ½" casing.
  - c) Bring the top of the 7" Casing Shoe/Pictured Cliffs plug to 4091' inside and outside the 4 ½" casing.
  - d) Place the 4 ½" Casing Stub/Fruitland/Kirtland/Ojo Alamo plug from 3893' – 3380.
  - e) Place the Nacimiento plug from 2276' – 2176' 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.