

(August 2007)

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB No. 1004-0137

Expires: July 31, 2010

RECEIVED

OCT 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

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 K (NESW), 1470' FSL & 1490' FWL, Sec. 27, T31N, R6W

5. Lease Serial No.

SF-078999

6. If Indian, Allottee or Tribe Name

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

San Juan 31-6 Unit

8. Well Name and No.

San Juan 31-6 Unit 24

9. API Well No.

30-039-20779

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

TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ Final Abandonment Notice☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ 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. Per verbal approval from Mark Kelly (BLM) on 10/14/13 the Pre-Disturbance Site Visit & Re-vegetation Plan will be completed & submitted after the rig moves off. A Closed Loop System will be utilized for this procedure.

RCVD OCT 25 '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)

Denise Journey

Title Regulatory Technician

Signature

Denise Journey

Date

10/15/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 23 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 31-6 UNIT 24
Expense - P&A

Lat 36° 52' 2.424" N

Long 107° 27' 12.953" 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. **If there is pressure on the BH, contact engineer.**

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, and pump at least tubing capacity of water down tubing.

5. ND wellhead and NU BOPE. Pressure and function test BOP. Pressure test BOP to 200-300 psi for the low pressure test and 1000 psi above SICP for the high pressure test. Do not exceed 2000 psi. PU and remove tubing hanger.

6. TOOH with 2-3/8" tubing (per pertinent data sheet).

Tubing: Yes **Size:** 2-3/8" **Set Depth:** 3444'

*Partial tubing string in well. Scanned out during TA on 8/14/2013 and kept 110 jts of yellow band tubing and left in hole.

7. PU 3-7/8" bit, 3-7/8" watermelon mill and additional 2-3/8" tubing and clean out to top of CIBP at 7810'. Do not mill out CIBP. Load hole with water and circulate clean.

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.

9. RU wireline and run CBL from 7810' to surface and contact Rig Supervisor and Wells Engineer with results.

10. Plug 1 (Dakota Perfs, Dakota and Graneros Formation Tops, 7710-7810', 12 Sacks Class B Cement)

TIH to 7810' 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.

6862 6752

11. Plug 2 (Gallup Formation Top, 6990-7090', 51 Sacks Class B Cement)

LD tubing to 7040' and TOOH. Perforate 3 squeeze holes at 7090'. Establish injection rate into squeeze holes. PU cement retainer for 4.5" OD, 4.000" ID, 11.6# casing and set at 7040' on tubing. Sting into the cement retainer and pressure test the tubing to 1000 psi. Mix 51 sxs Class B cement. Squeeze 39 sx into the squeeze holes and leave 12 sx in the casing to isolate the Gallup formation top.

6297 6157

12. Plug 3 (Mancos Formation Top, 6033-6133', 45 Sacks Class B Cement)

LD tubing to 6083' and TOOH. Perforate 3 squeeze holes at 6133'. Establish injection rate into squeeze holes. PU cement retainer for 4.5" OD, 4.000" ID, 11.6# casing and set at 6083' on tubing. Mix 45 sxs Class B cement. Squeeze 38 sx into the squeeze holes and leave 12 sx in the casing to isolate the Mancos formation top.

13. Plug 4 (Mesa Verde Formation Top, 5410-5510', 65 Sacks Class B Cement)

LD tubing to 5460' and TOOH. Perforate 3 squeeze holes at 5510'. Establish injection rate into squeeze holes. PU cement retainer for 4.5" OD, 4.052" ID, 10.5# casing and set at 5460' on tubing. Mix 65 sxs Class B cement. Squeeze 53 sx into the squeeze holes and leave 12 sx in the casing to isolate the Mesa Verde formation top.

→ Check plug 4268 - 4168 inside + outside 4 1/2" casing

14. Plug 5 (Pictured Cliffs Formation Top, 3417-3517', 12 Sacks Class B Cement)

LD tubing to 3517'. Mix 12 sx Class B cement and spot a balanced plug inside the casing to isolate the Pictured Cliffs Formation Top.

3141 2438

15. Plug 6 (Fruitland, Kirtland and Ojo Alamo Formation Tops, 2460-3026', 48 Sacks Class B Cement)

LD tubing to 3026'. Mix 48 sx Class B cement and spot a balanced plug inside the casing to isolate the Fruitland, Kirtland, and Ojo Alamo Formation Tops.

16. Plug 7 (Nacimiento Formation Top, 964-1064', 65 Sacks Class B Cement)

LD tubing to 1064' and TOOH. Perforate 3 squeeze holes at 1064'. Establish injection rate into squeeze holes. PU cement retainer for 4.5" OD, 4.052" ID, 10.5# casing and set at 1014' on tubing. Mix 65 sx Class B cement. Squeeze 53 sx into squeeze holes and leave 12 sx inside the casing to isolate the Nacimiento Formation Top.

16. Plug 8 (Surface Shoe, 0-385', 170 Sacks Class B Cement)

Lay down remaining tubing. Perforate 3 squeeze holes at 385'. Establish rate down 4-1/2" casing and out bradenhead valve. Mix 170 sx Class B cement and pump down 4-1/2" casing. Circulate good cement out bradenhead valve. Shut well in and WOC.

23. 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.

ConocoPhillips

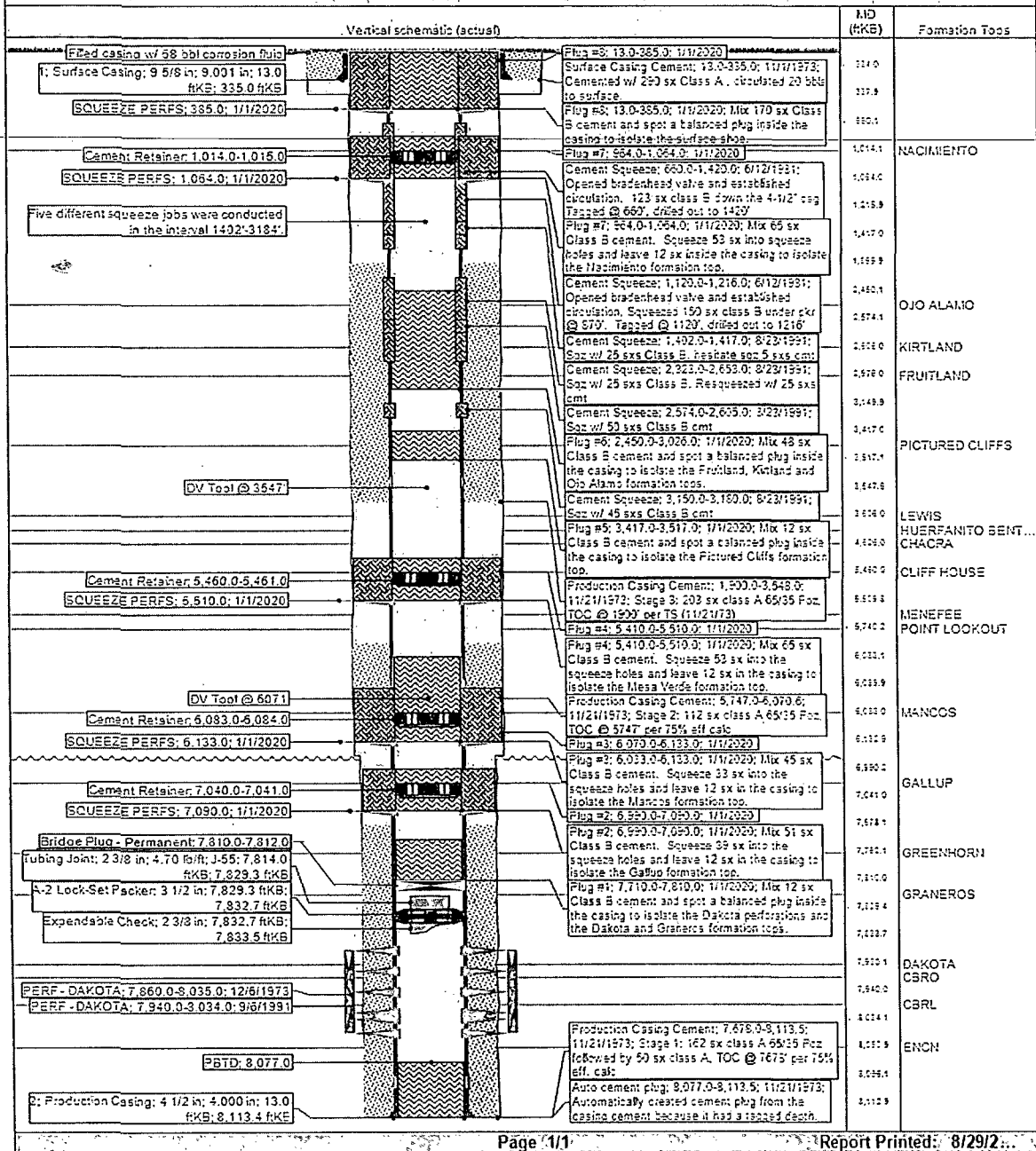
API Well 3003920779	Surface Leg Location 027-031N-006W-K	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,464.00	Original MSRT Elevation (ft)	6,467.00	CS-Gravel Distance (ft) 13.00	CS-Casing Flange Distance (ft)	CS-Tooling Flange Distance (ft)

MD (ftKB)	Vertical schematic (actual)	
11.2		1: Surface Casing; 9 5/8 in; 9,001 in; 13.0 ftKB; 335.0 ftKB
334.0		Surface Casing Cement; 13.0-335.0; 11/1/1973; Cemented w/ 290 sx Class A, circulated 20 bbls to surface.
337.9		Cement Squeeze; 650.0-1,420.0; 6/12/1981; 123 sx class B down the 4-1/2" csg. Tagged @ 660', drilled out to 1420'
1,014.1		Cement Squeeze; 1,120.0-1,218.0; 6/12/1981; Squeezed 150 sx class B under pkr @ 870'. Tagged @ 1120', drilled out to 1218'
1,215.9	Five different squeeze jobs were conducted in the interval 1402'-3184'.	Cement Squeeze; 1,402.0-1,417.0; 8/23/1991; Sqz w/ 25 sxs Class B, hesitate sqz 5 sxs cmt
1,417.0	Tubing Yellowband; 2 3/8 in; 4.70 lb/ft; J-55; 11.1 ftKB; 3,444.0 ftKB	Cement Squeeze; 2,323.0-2,653.0; 8/23/1991; Sqz w/ 25 sxs Class B. Resqueezed w/ 25 sxs cmt.
1,599.9		Cement Squeeze; 2,574.0-2,605.0; 8/23/1991; Sqz w/ 50 sxs Class B cmt
2,500.0		
2,605.0		
2,652.9		
3,149.9		Cement Squeeze; 3,150.0-3,180.0; 8/23/1991; Sqz w/ 45 sxs Class B cmt
3,443.9		
3,545.6	DV Tool @ 3547'	
3,547.9		Production Casing Cement; 1,900.0-3,548.0; 11/21/1973; Stage 3; 203 sx class A 65/35 Poz. TOC @ 1900' per TS (11/21/73)
4,217.8		
5,450.0		
5,740.2		
6,066.9		Production Casing Cement; 5,747.0-6,070.8; 11/21/1973; Stage 2; 112 sx class A 65/35 Poz. TOC @ 5747' per 75% eff calc
6,069.0	DV Tool @ 6071'	
7,040.0		
7,762.1		
7,765.2	Bridge Plug - Permanent; 7,810.0-7,812.0	
7,812.0	Tubing Joint; 2 3/8 in; 4.70 lb/ft; J-55; 7,814.0 ftKB; 7,829.3 ftKB	
7,829.4	A-2 Lock-Set Packer; 3 1/2 in; 7,829.3 ftKB; 7,832.7 ftKB	
7,832.7	Expendable Check; 2 3/8 in; 7,832.7 ftKB; 7,833.6 ftKB	
7,930.1		
7,940.0		PERF - DAKOTA; 7,860.0-8,035.0; 12/8/1973
8,034.1		PERF - DAKOTA; 7,940.0-8,034.0; 9/8/1991
8,034.1		2: Production Casing; 4 1/2 in; 4,000 in; 13.0 ftKB; 8,113.4 ftKB
8,034.1		Auto cement plug; 8,077.0-8,113.5; 11/21/1973; Automatically created cement plug from the casing cement because it had a tagged depth.
8,034.1	PBTD: 8,077.0	Production Casing Cement; 7,678.0-8,113.5; 11/21/1973; Stage 1; 182 sx class A 65/35 Poz. followed by 50 sx class A, TOC @ 7878' per 75% eff. calc
8,112.9		

Schematic - Proposed SAN JUAN 31-6 UNIT #24

District NORTH	Field Name DK	API/UWI 3003920779	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 10/31/1973	Surf Loc 027-031N-006W-K	East/West Distance (ft) 1,490.16 W	East/West Reference N/S Dist (ft) 1,470.14 S	North/South Reference

Vertical - Original Hole, 1/1/2020 7:30:00 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: 24 San Juan 31-6 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) 564-7750.

3. The following modifications to your plugging program are to be made:

- a) Place the Gallup plug from 6882' – 6782' inside and outside the 4 ½" casing.
- b) Place the Mancos plug from 6287' – 6187' inside and outside the 4 ½" casing.
- c) Place the Measverde plug from 5280' – 5180' inside and outside the 4 ½" casing.
- d) Place the Chacra plug from 4268' – 4168' inside and outside the 4 ½" casing.
- e) Place the Fruitland/Kirtland/Ojo Alamo plug from 3141' - 2438'.

OR

e') Place the Fruitland plug from 3141' - 3041' and place the Kirtland/Ojo Alamo plug from 2657' - 2438'.

f) Place the Nacimiento plug from 1293' - 1193' inside and outside the 4 ½" 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.