

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 12 2016

FORM APPROVED

OMB No. 1004-0137

Expires: July 31, 2010

5. Lease Serial No. **Farmington Field Office**
Bureau of Land Management
NMNM-03040

6. If Indian, Allottee or Tribe Name

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

7. If Unit of CA/Agreement, Name and/or No.
San Juan 29-6 Unit

8. Well Name and No.
San Juan 29-6 Unit 6

2. Name of Operator
ConocoPhillips Company

9. API Well No.
30-039-07573

3a. Address
PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)
(505) 326-9700

10. Field and Pool or Exploratory Area
Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit K (NESW), 1650' FSL & 1650' FWL, Sec. 21, T29N, R6W

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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing Repair w/ Contingent P&A
	<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 recomplete 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 recompletion 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 Company requests permission to repair the casing on the subject well per the attached procedure and wellbore schematic. If the casing is unable to be repaired, COPC requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematic. The surface owner is FEE, therefore a SUPO is not required. A closed loop system will be used.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

**BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS**

OIL CONS. DIV DIST. 3

JAN 25 2016

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

Regulatory Coordinator

Title

Signature

Crystal Walker

Date

1/12/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Jack Savage

Title

PE

Date

1/21/16

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

FFO

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

KC 7

ConocoPhillips
SAN JUAN 29-6 UNIT 6
Expense - Repair Casing

Lat 36° 42' 30.023" N

Long 107° 28' 15.924" W

PROCEDURE

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig. Before RU, run slickline to check for and remove any downhole equipment. If an obstruction is found and cannot be recovered, set a locking 3-slip-stop above the obstruction in the tubing.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. If there is pressure on the BH, contact engineer.

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl water as necessary. Ensure well is dead or on vacuum.

4. ND wellhead and NU BOPE with annular. Pressure and function test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes per COP Well Control Manual. Pressure test tubing to 1,000 psi. PU and remove tubing hanger. Tag for fill, adding additional joints as needed. Record pressure test and fill depth in WellView.

5. RU Tuboscope unit to inspect tubing. TOOH with tubing (per pertinent data sheet). LD and replace any bad joints and record findings in WellView. Make note of corrosion, scale, or paraffin and save a sample to give to CIC/engineering for further analysis.

6. PU 3-7/8" bit and mill and round trip as deep as possible above top perforation at 5,110'.

7. PU 4-1/2" CIBP on tubing, and set at 5,060'. TOOH and PU packer. TIH and test CIBP. Load hole, and pressure test casing to 560 psi. If casing does not test release packer, PUH and set packer at 3,900'. Pressure test above and below packer to ensure casing integrity below estimated TOC. If casing tests below packer at 3,900' release packer, PUH and set packer at 3,400', and repeat test to ensure casing integrity in cut window. **Contact engineer with results and discuss plan forward.** Test wellhead seals before POOH with packer.

8. RU wireline and run CBL on 4-1/2" casing from CIBP at 5,060' to surface to identify TOC. *Email log copy to engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

9. Contact engineer to determine cut depth. RIH with chemical cutter and cut 4-1/2" casing one half to one full joint above TOC leaving a minimum of 6' stub above a collar. RD wireline. RU casing crew. TOOH and LD 4-1/2" casing. RD casing crew. **Visually inspect casing and discuss findings with engineer.**

10. PU 6-1/8" bit and scraper, and round trip as deep as possible above casing stub. TIH with 7" tension packer and set above casing stub. Test barriers below packer. **Contact engineer with results and discuss plan forward.**

***** COMPLETE STEP 11 IN THE SAME DAY *****

11. Unload and dry up hole with air. TOOH with tubing. RU Jet West and run downhole camera to inspect 7" casing.

12. Load and pressure test 7" casing to 560 psi. **Contact engineer with results and discuss plan forward.**

13. RU wireline and run CBL on 7" casing from 4-1/2" casing stub to surface to identify TOC. *Email log copy to engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations. If squeeze work is required notify the BLM and OCD at least 24 hours prior to performing squeeze work.*

If casing fails test and repair is expected to be economical, proceed with step 14. If repair is not expected to be economical, proceed to Contingent Plugging Procedure.

ConocoPhillips
SAN JUAN 29-6 UNIT 6
Expense - Repair Casing

Lat 36° 42' 30.023" N

Long 107° 28' 15.924" W

PROCEDURE (continued)

14. If a casing leak is found RIH and set a CIBP below the leak. PU the packer on tubing and test the CIBP. Squeeze cement as discussed with engineer. WOC. Drill out cement but not CBP. Pressure test casing to 560 psi. Contact engineer with results and discuss plan forward. If test passes, pressure test the wellbore to 560 psi for 30 minutes on a 2 hour chart with 1,000# spring.

Discuss wellbore configuration with engineer. Wellbore conditions will dictate whether the 4-1/2" casing will be tied back or left as a liner.

15. PU 3-7/8" bit and CO to PBTD at 5,694' using the air package. TOO. LD bit. If unable to CO to PBTD, contact engineer to inform how much fill was left and confirm/adjust landing depth.

16. TIH with tubing using Tubing Drift Procedure (detail below).

		Tubing and BHA Description	
Tubing Wt./Grade:	4.7#, J-55	1	2-3/8" Expendable Check
Tubing Drift ID:	1.901"	1	2-3/8" (1.78" ID) F-Nipple
		1	2-3/8" Tubing Joint
Land Tubing At:	5,500'	1	2-3/8" Pup Joint (2' or 4')
KB:	13'	+/- 173	2-3/8" Tubing Joints
		As Needed	2-3/8" Pup Joints
		1	2-3/8" Tubing Joint

17. Ensure barriers are holding. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbl. pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 min., then complete the operation by pumping off the expendable check. Note in WellView the pressure in which the check pumped off. Purge air as necessary. Notify the MSO that the well is ready to be turned over to Production Operations. RDMO.

Tubing Drift Procedure

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the drift diameter of the tubing to be drifted, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.

NOTE: All equipment must be kept clean and free of debris. The drift tool will be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is 0.003".

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Expense - Repair Casing

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Long 107° 28' 15.924" W

CONTINGENT PLUGGING PROCEDURE

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 Class B mixed at 15.6 ppg with a 1.18 ct/sk yield.

1. Plug 1 (Perforations and Mesaverde Formation Top, 4960-5060', 12 sacks Class B cement)

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

2. Plug 2 (4-1/2" Casing Stub, 3820-3920', 26 sacks Class B cement)

Mix 26 sx Class B cement and spot a balanced plug inside the casing to cover the 4-1/2" casing stub. POOH.

3. Plug 3 (Pictured Cliffs and Fruitland Formation Tops, 2920-3338', 195 sacks Class B cement)

RIH and perforate 3 squeeze holes at 3,338'. Establish injection rate into squeeze holes. RIH with a 7" CR and set at 3,288'. Mix 195 sx Class B cement. Squeeze 107 sx outside the casing, leaving 88 sx inside the casing to cover the Pictured Cliffs and Fruitland tops. PUH.

4. Plug 4 (Kirtland and Ojo Alamo Formation Tops, 2460-2643', 44 sacks Class B cement)

Mix 44 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo tops. POOH.

5. Plug 5 (Nacimiento Formation Top, 1020-1120', 55 sacks Class B cement)

RIH and perforate 3 squeeze holes at 1,120'. Establish injection rate into squeeze holes. RIH with a 7" CR and set at 1,070'. Mix 55 sx Class B cement. Squeeze 26 sx outside the casing, leaving 29 sx inside the casing to cover the Nacimiento top. POOH.

6. Plug 6 (Surface Plug, 0-238', 127 sacks Class B cement)

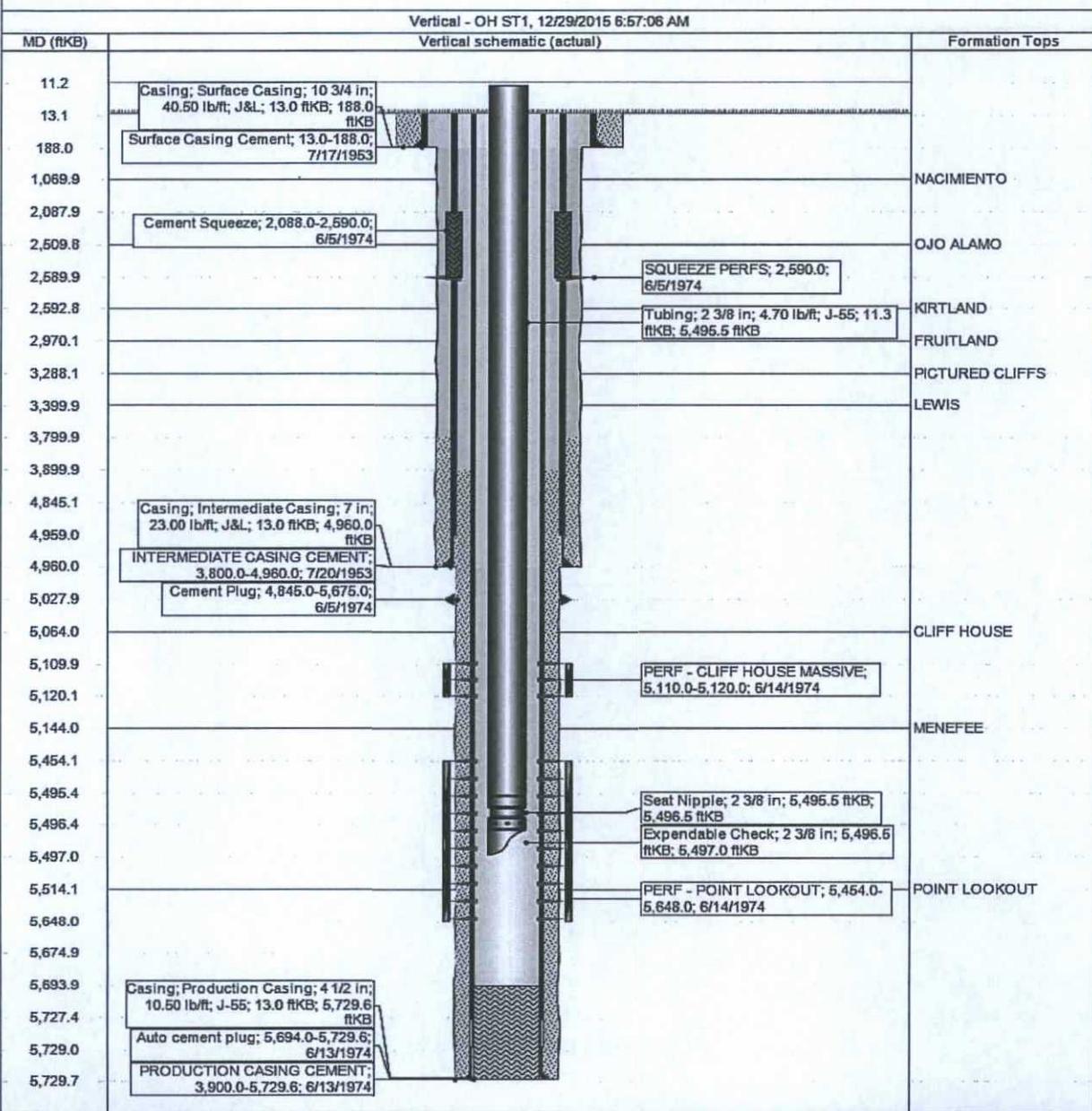
RU WL and perforate 4 big hole charge (if available) squeeze holes at 238'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 7" CR and set at 188'. Mix 83 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 183'. Mix 44 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

7. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.

JAN 25 2016

Schematic - Current
SAN JUAN 29-6 UNIT #6

District SOUTH	Field Name MV	API / UWI 3003907573	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 7/16/1953	Surface Legal Location 021-029N-006W-K	East/West Distance (ft) 1,650.00	East/West Reference FWL	North/South Distance (ft) 1,650.00



Well Name: SAN JUAN 29-6 UNIT #6

API / UWI 3003907573	Surface Log # Location 021-029N-006W-K	Field Name MV	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,405.00	Original KBRT Elevation (ft) 6,418.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Turning Ranger Distance (ft)	

Vertical - Original Hole, 1/1/2020 4:00:00 PM

Vertical schematic (actual)	MD (ftKB)	Formation Tops
	13.1	
Cement Retainer: 188.0-191.0	188.0	
	190.9	
	237.9	
Cement Retainer: 1,070.0-1,073.0	1,020.0	
	1,069.9	NACIMIENTO
	1,073.2	
	1,120.1	
	2,087.9	
	2,460.0	
	2,509.8	OJO ALAMO
	2,589.9	
	2,592.8	KIRTLAND
	2,643.0	
	2,919.9	
	2,970.1	FRUITLAND
Cement Retainer: 3,288.0-3,291.0	3,288.1	PICTURED CLIFFS
	3,291.0	
	3,337.9	
	3,399.9	LEWIS
	3,799.9	
	3,819.9	
	3,899.9	
	3,919.9	
	4,845.1	
	4,959.0	
	4,960.0	
	5,027.9	
	5,060.0	CLIFF HOUSE
	5,514.1	POINT LOOKOUT
	5,674.9	
	5,693.9	
	5,727.4	
	5,729.7	

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: San Juan 29-6 Unit 6

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) Set plug #2 (4028-3928) ft. to cover the Chacra top. BLM picks top of Chacra at 3978 ft.
- b) Bring the top of plug #3 to 2901 ft. inside/outside to cover the Pictured Cliffs and Fruitland tops. BLM picks top of Fruitland at 2951 ft. BLM picks top of Pictured Cliffs at 3283 ft. Adjust cement volume accordingly.
- c) Set plug #4 (2662-2394) ft. to cover the Kirtland and Ojo Alamo tops. BLM picks top of Kirtland at 2612 ft. BLM picks top of Ojo Alamo at 2444 ft.
- d) Set Plug #5 (1233-1133) ft. inside/outside to cover the Nacimiento top. BLM picks top of Nacimiento at 1183 ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov tsalyers@blm.gov Brandon.Powell@state.nm.us

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.