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Form 3160-5
(August 2007)

SEP 11 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land Management

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

5. Lease Serial No.

SF-078460

6. If Indian, Allottee or Tribe Name

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

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

San Juan 32-7 Unit

8. Well Name and No.

San Juan 32-7 Unit #16

9. API Well No.

30-045-11436

10. Field and Pool or Exploratory Area

Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL H (SENE), 1650' FNL & 910' FEL, Sec. 17, T32N, R7W

11. Country or Parish, State

San Juan, 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☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other

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.)

Burlington Resources requests permission to plug and abandon the subject well per the attached procedure, current and proposed schematics. The pre-disturbance onsite was held on 9/4/15 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A closed loop system will be utilized for this P&A.

OIL CONS. DIV DIST. 3

SEP 21 2015

**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**

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

Patsy Clugston

Title

Staff Regulatory Technician

Signature

Date

9/10/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Abdelgadir Elmadani

Title

PE

Date

09/15/15

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

5 aw

ConocoPhillips
SAN JUAN 32-7 UNIT 16
Expense - P&A

Lat 36° 58' 58.765" N

Long 107° 35' 2.04" W

PROCEDURE

NOTE: Insert note here

This project requires 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 COP safety and environmental regulations. Test rig anchors prior to moving in rig. **Before RU, run slickline to ensure tubing is clear. If an obstruction is found, set a locking-3-slip-stop 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 the Wells Engineer.**

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

4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes per COP Well Control Manual. PU and remove tubing hanger.

5. TOO H with tubing (per pertinent data sheet).

Tubing size: 1.66", 2.3#, J-55 EUE

Set Depth: 5,907'

KB: 13'

6. PU 4-3/4" bit and watermelon mill on 2-3/8" workstring and round trip as deep as possible above top perforation at 5,402'. **(TOL @ 3,634')**

7. PU 5-1/2" CR on tubing, and set at 5,352'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. *If casing does not test, spot or tag subsequent plugs as appropriate.* POOH with tubing.

8. RU wireline and run CBL with 500 psi on casing from CR at 5,352' to surface to identify TOC. Adjust plugs as necessary for new TOC. *Email log copy to Troy Salyers (BLM) at tsalyers@blm.gov and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

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 cf/sk yield.

9. Plug 1 (Perforations, 5252-5352', 17 sacks Class B cement)

Mix 17 sacks Class B cement and spot a balanced plug inside the casing to cover the Mesaverde perforations. PUH.

10. Plug 2 (Mesaverde Formation top, 3870-3970', 17 sacks Class B cement)

Mix 17 sacks Class B cement and spot a balanced plug inside the casing to cover the Mesaverde Formation top. PUH.

11. Plug 3 (Top of liner and Pictured Cliffs Formation top, 3186-3584', 101 sacks Class B cement)

Mix 101 sacks Class B cement and spot a balanced plug inside the casing to cover the liner top and Pictured Cliffs Formation top. POOH.

12. Plug 4 (Fruitland, Kirtland, and Ojo Alamo Formation tops, 2154-2878', 438 sacks Class B cement)

RIH and perforate 3 squeeze holes at 2,878'. Establish injection rate into squeeze holes. RIH with a 7-5/8" CR and set at 2,828'. Mix 438 sacks Class B cement. Squeeze 264 sacks outside the casing, leaving 174 sacks inside the casing to cover the Fruitland, Kirtland, and Ojo Alamo Formation tops. POOH.

13. Plug 5 (Nacimiento Formation top and Surface plug, 0-740', 424 sacks Class B cement)

RU WL and perforate 4 big hole charge (if available) squeeze holes at 740'. TOO H 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 7-5/8" CR and set at 690'. Mix 258 sacks 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. TOO H and LD stinger. TIH with open ended tubing to 685'. Mix 166 sacks Class B cement and pump inside plug. TOO H and LD Tubing. SI well and WOC.

14. 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.



Schematic - Current
SAN JUAN 32-7 UNIT #16

District NORTH	Field Name MV	API / UWI 3004511436	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 7/31/1957	Surface Legal Location 017-032N-007W-H	East/West Distance (ft) 910.10	East/West Reference FEL	North/South Distance (ft) 1,649.93
North/South Reference FNL				

Vertical - Original Hole, 7/14/2015 1:36:46 PM

MD (ftKB)	Vertical schematic (actual)	Formation Tops
13.1		NACIMIENTO
226.0		OJO ALAMO
227.0		KIRTLAND
690.0		FRUITLAND
2,204.1		FRUITLAND COAL
2,250.0		PICTURED CLIFFS
2,828.1		LEWIS
2,904.9		HUERFANO BENTLY
3,008.9		CHACRA
3,235.9		CLIFF HOUSE (MV)
3,467.8		MENEFEE
3,633.9		POINT LOOKOUT
3,634.8		
3,729.0		
3,730.0		
4,220.1		
4,669.9		
5,394.0		
5,401.9		
5,493.1		
5,698.2		
5,907.2		
5,918.0		
5,928.1		
5,929.1		
5,930.1		



Well Name: SAN JUAN 32-7 UNIT #16

Proposed Schematic

API Well 3004511436	Surface Legal Location D17-032N-007W-H	Field Name MV	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,537.00	Original KS-RT Elevation (ft) 6,550.00	KS-Ground Distance (ft) 13.00	KS-Casing Flange Distance (ft)	KS-Tubing Hanger Distance (ft)	

Vertical - Original Hole, 1/1/2020

Vertical schematic (actual)	MD (ftKB)	Formation Tops
1: Surface; 10 3/4 in; 10.192 in; 13.0 ftKB; 227.0 ftKB	13.1	
Surface Casing Cement; 13.0- 227.0; 8/1/1957; Cmt'd w/200 sx regular cement, circ cement to surface.	226.0	
Plug #5; 13.0-740.0; 1/1/2020; Mix 258 sx Class B cement squeeze until good cement returns to surface out BH valve. Mix 166 sx Class B cement pump inside plug to cover Nacimiento formation top to surface.	227.0	
Cement Retainer: 690.0-693.0	690.0	NACIMIENTO
	692.9	
PERF - OTHER; 740.0; 1/1/2020	740.2	
Plug #5; 740.0; 1/1/2020	2,153.9	
PERF - FRUITLAND COAL; 2,878.0; 1/1/2020	2,204.1	OJO ALAMO
Plug #4; 2,154.0-2,878.0; 1/1/2020; Mix 438 sx Class B cement Squeeze 264 sx outside casing leaving 174 sx inside casing to cover Fruitland, Kirtland & Ojo Alamo formation tops.	2,250.0	KIRTLAND
Plug #4; 2,154.0-2,878.0; 1/1/2020	2,828.1	FRUITLAND
	2,831.0	
	2,876.0	
	2,904.9	
	3,008.9	FRUITLAND COAL
	3,186.0	
	3,235.9	PICTURED CLIFFS
Plug #3; 3,186.0-3,584.0; 1/1/2020; Mix 101 sx Class B cement spot balanced plug inside casing to cover liner top & Pictured Cliffs formation top.	3,467.8	LEWIS
	3,584.0	
	3,633.9	
2: Intermediate 1; 7 5/8 in; 6.969 in; 13.0 ftKB; 3,730.0 ftKB	3,634.8	
Intermediate Casing Cement; 2,905.0-3,730.0; 8/9/1957; Cmt'd w/200 sx regular cement, TOC @ 2905' by 75% eff. calc.	3,729.0	
Plug #2; 3,870.0-3,970.0; 1/1/2020; Mix 17 sx Class B cement spot balanced plug inside casing to cover Mesaverde formation.	3,730.0	
	3,870.1	
	3,970.1	
	4,220.1	HUERFANITO BENTON...
	4,669.9	CHACRA
Plug #1; 5,252.0-5,352.0; 1/1/2020; Mix 17 sx Class B cement spot balanced plug inside casing to cover Mesaverde perms.	5,252.0	
Cement Retainer: 5,352.0-5,355.0	5,352.0	
	5,355.0	
	5,394.0	CLIFF HOUSE (MV)
PERF - MESAVERDE; 5,402.0- 5,918.0; 9/26/1957	5,401.9	
Production Casing Cement 3,634.0-5,930.0; 8/13/1957; Cmt'd w/200 sx regular cement, rev out 50 sx cement.	5,493.1	MENEFEE
Auto cement plug; 5,928.0-5,930.0 8/13/1957; Automatically created cement plug from the casing cement because it had a tagged depth.	5,698.2	POINT LOOKOUT
Hydraulic Fracture; 9/26/1957	5,918.0	
PBTD; 5,928.0	5,928.1	
	5,929.1	
3: Production 1; 5 1/2 in; 4.950 in; 3,634.0 ftKB; 5,930.0 ftKB	5,930.1	

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 32-7 Unit #16

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 (4270-4170) ft. to cover the Mesaverde top. BLM picks top of Chacra at 4220 ft. The top of the Chacra Equivalent (HB) should be used for plugging proposes.
 - b) Set plug #3 (3684-3326) ft. to cover the 5-1/2" liner and Pictured Cliffs top.
 - c) Bring the top of plug #4 to 2131 ft. to cover the Fruitland, Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.
 - d) Set plug #5 (862-0) ft. inside/outside to cover the Nacimiento top, surface casing shoe and surface plug. BLM picks top of Nacimiento at 812 ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: 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.