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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 06 2016

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

Farmington Field Office  
Land Management

5. Lease Serial No. **SF-079294**

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 28-7 Unit**

8. Well Name and No.  
**San Juan 28-7 Unit 226**

2. Name of Operator  
**ConocoPhillips Company**

9. API Well No.  
**30-039-20997**

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 / Basin Dakota**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface Unit N (SESW), 1110' FSL & 1840' FWL, Sec. 36, T28N, R7W**

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 <b>BH Investigation</b>
	<input type="checkbox"/> Change Plans	<input 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 recomplate 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 requests permission to perform a bradenhead investigation on the subject well per the attached procedure and current wellbore schematic.**

OIL CONS. DIV DIST. 3  
OCT 14 2016

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

**Dollie L. Busse**

Title **Regulatory Technician**

Signature

Date

**10/4/2016**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

**PE**

Date

**10/11/16**

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

**EFO**

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 PV

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**ConocoPhillips**  
**SAN JUAN 28-7 UNIT 226**  
**Expense - Repair Wellhead**

Lat 36° 36' 47.686" N

Long 107° 31' 37.308" 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. Contact Wells Engineer with BH and intermediate casing pressures.
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. 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. PU and remove tubing hanger. Tag for fill, adding additional joints as needed. Record pressure test and fill depth in WellView. **Set tension packer shallow and test above packer to 500-600 psi for 30 minutes. Contact Wells Engineer with results of test.**
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. Pick up packer and RBP in tandem. TIH and set RBP at 4393'. Set packer and test RBP and tubing to 560 psi. Unset packer and load the hole. Pressure test production casing above RBP to 560 psi for 30 minutes. Chart pressure test. Monitor intermediate casing pressure during test. Contact wells engineer with results and discuss how to proceed.
7. Contact wells engineer and discuss need for cleanout and do so if necessary. TIH with tubing using Tubing Drift Procedure (detail below).

**Tubing and BHA Description**

**Tubing Wt./Grade:** 4.7#, J-55  
**Tubing Drift ID:** 1.901"  
**Land Tubing At:** 7,220'  
**KB:** 16'

Tubing and BHA Description	
1	2-3/8" Expendable Check
1	2-3/8" (1.78" ID) F-Nipple
1	2-3/8" Tubing Joint
1	2-3/8" Pup Joint (2' or 4')
+/- 228	2-3/8" Tubing Joints
As Needed	2-3/8" Pup Joints
1	2-3/8" Tubing Joint

8. 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.

**NOTE:** See attached procedure addendum

## Well Procedure Addendum

Changes listed below will be implemented on the following wells:

- San Juan 28-7 Unit 22
- San Juan 28-7 Unit 226
- San Juan 28-7 Unit 241E
- Johnston A 13M
- San Juan 28-6 Unit 107
- San Juan 28-6 Unit 67
- San Juan 29-7 Unit 190
- Florance 41N

### Procedure changes:

- Prior to tripping/scanning out with the production tubing, a plug/packer will be set shallow, just below the wellhead.
- A pressure test will be performed above the plug/packer to test the wellhead.
- If the wellhead leaks, replace the wellhead.
- Monitor intermediate/bradenhead pressure for 30 minutes. Notify NMOCD of pressures.
- If intermediate/bradenhead pressure are at an acceptable level per NMOCD, land tubing and move off (No mechanical integrity test will be conducted).
- If leaks are thought to be somewhere other than the wellhead, proceed with the original procedure as planned.





Current Schematic

Well Name: SAN JUAN 28-7 UNIT 226

API/UVI 3003920997	Surface Legal Location 036-028N-007W-N	Field Name MVDK COM	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,135.00	Original KB/R/T Elevation (ft) 6,159.00	KB-Ground Distance (ft) 24.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical - Original Hole, 7/13/2016 2:58:41 PM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
		16.1	
		220.8	
1; Surface; 9 5/8 in; 8.921 in; 16.0 ftKB; 221.8 ftKB		221.8	
	Cement; 16.0-231.0; 4/5/1977; Cmt'd w/ 190 sx of Class B. Circ., 15 bbls of cmt to surface.	231.0	
		435.0	NACIMIENTO
		1,450.1	
		1,990.2	GJO-ALAMO
		2,115.2	KIRTLAND
		2,469.2	FRUFLAND
		2,500.0	
		2,786.1	PICTURED...
		2,916.0	LEWIS
		3,010.5	
		3,011.5	
2; Intermediate1; 7 in; 6.455 in; 16.0 ftKB; 3,095.0 ftKB		3,094.2	
	Cement; 1,450.0-3,095.0; 4/8/1977; Cmt'd w/ 110sx of Class B 65/35 w/ 12% gel, followed by 70sx of Class B w/ 2% CaCl2. TOC @ 1450' per Temp Survey on 04/08/1977.	3,095.1	
		3,755.9	GHAGRA
PERF - CLIFF HOUSE UPPER; 4,443.0-4,597.0; 6/2/1997		4,442.9	CLIFF HOU...
		4,597.1	
		4,598.1	MENEFEE
PERF - MENEFEE; 4,706.0-4,948.0; 6/2/1997		4,706.0	
		4,948.2	
		5,009.8	POINT-LOO...
PERF - POINT LOOKOUT; 5,047.0-5,202.0; 5/29/1997		5,046.9	
		5,202.1	
		5,450.1	MANGOS
		6,210.0	GALLUP
		6,457.3	
		6,982.1	GREENHORN
		7,012.1	GRANEROS
		7,049.9	TWO-WELL...
		7,053.1	
PERF - DAKOTA; 7,053.0-7,308.0; 7/9/1977		7,139.1	PAGUATE
		7,166.0	GUBERO
		7,218.5	
		7,219.5	
		7,220.1	
		7,270.0	ENGINAL G...
		7,308.1	
		7,318.9	BURRO-GA...
PBTD; 7,341.0		7,340.9	
	Display Cement Fill; 7,341.0-7,349.0; 4/13/1977	7,341.9	
	Cement; 2,500.0-7,349.0; 4/13/1977; Cmt'd w/ 280sx of Class B followed w/ 100sx of Class B. TOC @ 2500' per Temp Survey on 04/13/1977.	7,347.8	
3; Production1; 4 1/2 in; 4.000 in; 16.0 ftKB; 7,348.7 ftKB		7,348.8	
		7,349.1	