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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 11 2012

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010Farmington Field
Bureau of Land Management

5 Lease Serial No

SF-080538

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.

6 If Indian, Allottee or Tribe Name

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 30-5 Unit

8 Well Name and No.

San Juan 30-5 Unit 29

2. Name of Operator

ConocoPhillips Company

9 API Well No.

30-039-07851

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)

Surface UNIT G (SWNE), 1840' FNL & 1840' FEL, Sec. 14, T30N, R5W

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 MIT
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Squeeze Water &
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Gas Producing Zones

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 recomple 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/BLA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple 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 an MIT on the subject well. This test is being run to verify integrity of the wellbore since cathodic groundbed on location is leaking water. This well will also be squeezed per the attached procedure and current wellbore schematic per the NMOCD's request.

RCVD SEP 19 '12

Notify NMOCD 24 hrs
prior to beginning
operations

OIL CONS. DIV.
DIST. 3

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

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature

Denise Journey

Date

9/10/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 11 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)

NMOCD

ConocoPhillips
SAN JUAN 30-5 UNIT 29
Expense - Repair Bradenhead

Lat 36° 48' 52.814" N

Long 107° 19' 24.24" W

PROCEDURE

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 to review complete BH history and get a gas analysis done.**
 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 2% KCl, if necessary.
 5. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger and tag for fill, adding additional joints as needed. Record fill depth in Wellview.
 6. TOO H with 2-3/8" tubing (per pertinent data sheet).
- Use Tuboscope Unit to inspect tubing and record findings in Wellview. **Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.** LD and replace any bad joints.
7. Round trip casing scraper for 7-5/8" OD, 6.969" ID, 26.4#, J-55 casing to top of liner @ 3,748' or as deep as possible. If unable to reach top of liner, contact Production Engineer and Rig Supervisor for adjustments to following step
 8. PU RBP and packer. TIH and set the RBP at approximately 3,708' (40' above TOL). PUH, set packer, and test RBP. Release packer, POOH with packer, and load well.
 9. **ND BOP, remove tubing head, and inspect secondary seals. If no seal is found, contact Cameron to repair wellhead and install secondary seal. Inspect 7-5/8" casing to make sure it is still in the slips and sealing with the casing hanger. If it is not, contact the rig superintendent and production engineer.** NU new tubing head and BOP and pressure and function test. Close bradenhead, keep shut in, and monitor pressure.
 10. ***NOTE*** Notify regulatory agencies 24 hours in advance of running MIT. MIT the 7-5/8" casing to 560 psi for 30 minutes on a two (2) hour chart recorder. There should not be a pressure drop greater than 10% over a 30 minute period. Open the bradenhead valve. Monitor for any communication. **If the casing does not test, notify rig superintendent and production engineer.**
- *NOTE*** If casing tests, proceed to step 12. If casing does not test, proceed to step 11.
11. PU packer and TIH. Begin to test casing at 30' intervals to isolate hole. Once hole is found, notify production engineer and rig supervisor.
 12. Place 50' of sand on top RBP. MO and RU wireline. RIH with perforating gun and perforate 3 HSC holes at 2,850'. RU packer and set at 2,810'. TIH with tubing and sting into packer. Establish injection rate into perforations. Mix 87 sx Class B cement and squeeze all sx into HSC holes. WOC.
 13. Remove packer and drill out cement in casing. Clean out to RBP, using air package on location to remove sand on top of RBP.
 14. PU packer, TIH, and retest RBP. Release packer, POOH with packer, and reload hole. Pressure up to 500# and hold during CBL. Run GR/CCL/CBL from RBP to surface to identify top of cement from squeeze job.
 15. Stage tubing in the hole and unload the well with air to prevent fallback onto formation. Release RBP and TOO H. LD RBP and packer.

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

		<u>Tubing and BHA Description</u>	
Run Same BHA:	Yes	1	2-3/8" Expendable Check/Mule Shoe
Tubing Drift ID:	1 901"	1	2-3/8" (1.78" ID) F-Nipple
		1	2-3/8" Tubing Joint
Land Tubing At:	5,933'	1	2-3/8" x 2' Marker Joint
KB:	13	186	2-3/8" Tubing Joints
		As Needed	2-3/8" Pup Joint
		1	2-3/8" Tubing Joint

17. If fill was tagged, PU bailer and CO to PBTD. If fill is too hard or too much to bail, utilize the air package.

18. If there is an air package on location, skip to the next step. Run standing valve on shear tool, load tubing, and pressure test to 500#. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve.

19. ND BOPE, NU with new wellhead. Perform a bradenhead test and contact the rig superintendent and engineer with the results.

20. Pressure test tubing slowly with an air package as follows: pump 3 bbls pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins., then complete the operation by pumping off the expendable check. Note in Wellview the pressure in which the check pumped off. Notify the MSO that the well is ready to be turned over to Production Operations. Make swab run to kick-off the well, if necessary, then RDMO.

Tubing Drift Check

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 1.901" for the 2 3/8", 4.7# tubing, 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.
4. In order to stimulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should 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 .003"

Current Schematic

ConocoPhillips

Well Name: SAN JUAN 30.5 UNIT #29

API# UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003907851	014-030N-005W-G	MV		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grnd Dist (ft)	KB-Casing Flange Dist (ft)	KB-Tubing Hanger Dist (ft)		
6,662.00	6,675.00	13.00				

Well Config: Vertical - Original Hole, 8/31/2012 9:43:35 AM

ftKB (MD)	ftKB TVD	Schematic - Actual	From Final
13			
293			
294			
300			
2,768			OJO ALAMO, 2,768
2,850			
2,883			KIRTLAND, 2,883
3,333			FRUITLAND, 3,333
3,420			PICTURED CLIFFS, 3,420
3,572			LEWIS, 3,572
3,748			
3,749			
3,750			
3,751			
3,758			
3,822			
3,823			
3,828			
4,418			
4,865			
4,991			
4,994			
5,549			CLIFFHOUSE, 5,549
5,560			
5,590			MENEFEE, 5,590
5,749			POINT LOOKOUT, 5,749
5,760			
5,784			
5,990			MANCOS, 5,990
5,996			
5,997			
5,998			
6,010			
6,015			
6,020			
6,021			
6,064			
6,065			

Surface, 10 3/4in, 10,192in, 13 ftKB, 294 ftKB
Surface Casing Cement, 13-294, 5/23/1960,
Cemented w/ 330 sx pozmix. Circ 28 bbls to surface.

Tubing, 2 3/8in, 4.70lbs/ft, J-55, 13 ftKB, 5,996 ftKB

Cement Squeeze, 3,748-3,758, 6/9/1960,
Squeezed liner top w/ 100 sx regular cement.
Intermediate Casing Cement, 2,850-3,823,
6/2/1960, Cemented w/ 125 sx regular cement.
OC @ 2850' per CBL, 9/18/2000.
Intermediate 1, 7 5/8in, 6,969in, 13 ftKB, 3,823 ftKB

Hydraulic Fracture, 9/26/2000,
Frac'd w/ 69,000 gals XL 60Q foam
& 201,760# 20/40 sand.

PERF - LEWIS, 4,418-4,865, 9/26/2000
Cement Squeeze, 4,991-4,994, 6/11/1960,
Squeezed w/ 100 sx regular cement.
Cement Squeeze, 4,991-4,994, 6/13/1960,
Re-squeezed w/ 100 sx regular cement.

Hydraulic Fracture, 9/14/2000,
Acidized w/ 1000 gal 15% HCL and
ballsealers:

PERF - CLIFF HOUSE / MENEFEE UPPER,
5,560-5,749, 9/19/2000

Hydraulic Fracture, 6/14/1960,
Frac'd w/ 71,7000 gal water and
60,000# 20/40 sand.

PERF - POINT LOOKOUT, 5,784-6,010,
6/14/1960

F-NIPPLE, 2 3/8in, 5,996 ftKB, 5,997 ftKB

Mule shoe/expendable check, 2 3/8in, 5,997 ftKB, 5,998 ftKB

PBTD, 6,015

TD, 6,065, 6/7/1960

Liner, 5 1/2in, 4,950in, 3,748 ftKB, 6,065 ftKB
Liner Cement, 3,748-6,065, 6/7/1960, Cemented
qw/ 212 sx regular cement. Reversed out 30 bbls.