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Farmington Field Office
Bureau of Land Management

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No. **SF-079520**

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.*

7. If Unit of CA/Agreement, Name and/or No. **San Juan 28-5 Unit**

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No. **San Juan 28-5 Unit 77**

2. Name of Operator **Burlington Resources Oil & Gas Company LP**

9. API Well No. **30-039-20106**

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

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

10. Field and Pool or Exploratory Area **Basin Dakota**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface Unit A (NENE), 1820' FNL & 1070' FEL, Sec. 27, T28N, 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			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report BP	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other **Remedial work**
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] 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 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.)

Burlington Resources requests permission to perform remedial work on the subject well per the attached procedure and current wellbore schematic.

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 20 2017

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Dollie L. Busse Title **Regulatory Technician**

Signature Dollie L Busse Date 1/12/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Title PE Date 1/18/17

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

3

ConocoPhillips
SAN JUAN 28-5 UNIT 77
Expense - Repair Bradenhead

Lat 36° 38' 3.84" N **Long 107° 20' 26.304" W**

PROCEDURE

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. If base beam cannot be used, 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 Wells 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. 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.

5. Pull 3 joints of tubing, PU a 4-1/2" tension packer and set 5-15' below the wellhead. Load the hole and pressure test the wellhead. Contact the Wells Engineer with the test results before proceeding. If the wellhead fails the pressure test, remove and make repairs to the tubing head seals, with the packer in place monitor the intermediate for pressure. Contact Wells Engineer and discuss plan forward. If no pressure is observed on the intermediate with the packer in place, plan to land the tubing string back in place and return the well to production. If intermediate pressure is observed after the tubing head repair, contact Wells Engineer to determine path forward.

6. If further casing test is necessary, PU 3-3/4" string mill and bit and CO to top perforations at 8,124" with air. TOOH. LD mill and bit. PU 4-1/2" RBP and set at 8,074'. Load the hole with fresh water and pressure test the casing to 500 psi. Notify the Wells Engineer of the test results. If the casing and the wellhead pressure test, chart the 560 psi pressure test for 30 minutes on a 2-hour chart with a 1,000 lb. spring. Contact the Wells Engineer with the test results and discuss plan forward. If necessary, clean the well out to PBTD with air. If unable to CO to PBTD, contact Wells Engineer to inform how much fill was left and confirm/adjust landing depth.

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

Tubing Wt./Grade:	4.7#, J-55
Tubing Drift ID:	1.901"
Land Tubing At:	8,298'
KB:	9'

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')
+/- 262	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 the check pumped off. Purge air as necessary. Notify the MSO and Specialist 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".

Schematic - Current

ConocoPhillips

SAN JUAN 28-5 UNIT #77

District	Field Name	API / UWI	County	State/Province
SOUTH	BASIN DAKOTA (PRORATED G #0068	3003920106	RIO ARRIBA	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
6/8/1968	027-028N-006W-H	1,070.00	FEL	1,820.00	FNL

VERTICAL - Original Hole, 11/21/2016 1:28:30 PM

MD (ftKB)	Vertical schematic (actual)	Formation Tops
8.9	Wellbore; SURFAC; 13 3/4; 9.0; 205.0	
204.1	Casing; Surface; 9 5/8 in; 9.001 in; 32.30 lb/ft; H-40; 9.0 ftKB; 205.0 ftKB	
205.1	Surface Casing Cement; 9.0-205.0; 6/10/1968; CEMENT W/ 150 SXS OF CLASS 'A' W/ 1/4# GEL FLAKE/SX. CIRCULATED APPROX 12 BBLS OF SLURRY TO SURFACE	
1,962.9		NACIMIENTO
3,009.8		
3,202.1		OJO ALAMO
3,378.9		KIRTLAND
3,487.9	Wellbore; INTRM1; 8 3/4; 205.0; 4,092.0	FRUITLAND
3,799.9	Intermediate Casing Cement; 3,010.0-4,090.0; 7/20/1968; TOC 3010' RAN BY TEMP SURVEY ON 7/22/1968. CEMENT W/ 95 SXS CLASS 'C' W/ 4% GEL & 1/4 CUFT GILSONITE/SX FOLLOWED BY 50 SXS CLASS 'C' NEAT W/ 2% CACL2	
3,872.0		PICTURED CLIFFS
4,068.9		
4,089.9		
4,091.9	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 9.0 ftKB; 8,263.4 ftKB	
4,855.0	Casing; Intermediate1; 7 in; 6.456 in; 20.00 lb/ft; J-55; 9.0 ftKB; 4,090.0 ftKB	CHACRA
5,652.9		CLIFF HOUSE
5,664.0		MESA VERDE
5,744.1		MENEFEE
6,038.1		POINT LOOKOUT
6,423.2	Wellbore; PROD1; 6 1/4; 4,092.0; 8,365.0	
7,241.1		GALLUP
7,290.0		MANCOS
7,949.8		
8,008.9		GREENHORN
8,065.9		GRANEROS
8,121.1		TWO WELLS
8,124.0		
8,196.2		PAGUATE
8,215.9	PBTD; 8,352.0	CUBERO
8,263.5	Wellbore; TD - Original Hole; 8,365.0; 8,365.0	
8,264.4	Casing; Production1; 4 1/2 in; 4.000 in; 10.50 lb/ft; J-55, N-80; 9.0 ftKB; 8,365.1 ftKB	
8,296.3	Production Casing Cement; 3,800.0-8,365.1; 7/28/1968; TOC 4966' CALCULATED USING 1.18 CUFT/SX & 75% EFFICIENCY. CEMENT W/ 294 SXS CLASS 'A' W/ 4% GEL, 1/4 CUFT GILSONITE & 0.4% D13 FOLLOWED BY 100 SXS CLASS 'A' W/ 1# TUFF PLUG/SX & 0.4% D13. PUMPED 40 BBLS GEL WTR IN FRONT OF CEMENT	
8,296.9		
8,335.0		
8,350.1		ENCINAL
8,351.7		
8,352.0		
8,353.0		
8,363.8	Auto cement plug; 8,352.0-8,365.1; 7/28/1968; Automatically created cement plug from the casing cement because it had a tagged depth.	
8,365.2		
	PERF - DAKOTA; 8,124.0-8,336.0; 7/29/1968	
	Seating Nipple; 2 3/8 in; 8,263.4 ftKB; 8,264.5 ftKB	
	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 8,264.5 ftKB; 8,296.2 ftKB	
	Expendable Check; 2 3/8 in; 8,296.2 ftKB; 8,297.0 ftKB	