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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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **NM-02804**

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 28-6 Unit

8. Well Name and No.

San Juan 28-6 Unit 107

2. Name of Operator

Burlington Resources Oil & Gas Company LP

9. API Well No.

30-039-20385

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 M (SWSW), 1150' FSL & 990' FWL, Sec. 23, T28N, 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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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

Casing Repair

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 repair the casing on the subject well per the attached procedure and current wellbore schematic.

OIL CONS. DIV DIST. 3
OCT 17 2016

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)

Dollie L. Busse

Title **Regulatory Technician**

Signature

Date

10/17/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

William Tambekou

Title **Petroleum Engineer**

Date **10/13/2016**

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

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ConocoPhillips
SAN JUAN 28-6 UNIT 107
Expense - Repair Casing

Lat 36° 38' 33.432" N

Long 107° 26' 29.22" 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 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 as necessary. Ensure well is dead or on vacuum.
4. ND wellhead and NU BOPE with rams for 1.5" TBG. 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 as per COPC Well Control Manual. PU and remove tubing hanger and tag for fill, adding additional joints as needed. Record pressure test and fill depth in Wellview.
5. TOOH with tubing (per pertinent data sheet) laying down the 1.5" TBG string. Make note of corrosion, scale, or paraffin and save a sample to give to CIC/engineering for further analysis.
6. Change Ram Blocks to 2-3/8" and pressure test, PU 2-3/8" TBG and a packer, RIH 60', pressure test the wellhead to 560 PSI. Report the results to the wells engineer. Finish PU 2-3/8" TBG, 3-3/4" string mill and bit and CO to the top of the perforations at 7,600' using the air package. TOOH. LD mill and bit. RIH and set a RBP at 7,550', load the hole with fresh water and Pressure test casing to 560 psi. Contact engineer with results and discuss plan forward. If test passes, pressure test the wellbore to 560 psig for 30 minutes on a 2 hour chart with 1000# spring.
7. If the Casing does not pressure test RIH with a packer and hunt for holes in the CSG. Contact the wells engineer with results and discuss repair options. If squeeze work is required, **notify the BLM and OCD at least 24 hours prior to performing squeeze work.**
8. If casing leak is confirmed, run a CBL from 7,550 to surface. **notify the BLM and OCD at least 24 hours prior to performing squeeze work.** 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 psig for 30 minutes on a 2 hour chart with 1000# spring, then mill out CBP and clean out to PBTD. If fill could not be CO to PBTD, call Wells Engineer to inform how much fill was left and confirm/adjust landing depth.
9. TIH with tubing using Tubing Drift Procedure. (detail below).

Tubing Wt/Grade: 4.7 ppf, J-55
Tubing Drift ID: 1.901"

Land Tubing At: 7,770'
KB: 11'

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')
+/- 245	2-3/8" Tubing Joints
As Needed	2-3/8" Pup Joints
1	2-3/8" Tubing Joint

10. Ensure barriers are holding. ND BOPE, NU Wellhead. 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. Purge air as necessary. Notify the MSO that the well is ready to be turned over to Production Operations. RDMO.

Tubing Drift Procedure

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".

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.



Schematic - Current
SAN JUAN 28-6 UNIT #107

District SOUTH	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3003920385	County RIO ARriba	State/Province NEW MEXICO
Original Spud Date 6/20/1971	Surface Legal Location 023-028N-006W-D	East/West Distance (ft) 990.00 FWL	North/South Distance (ft) 1,150.00 FNL	North/South Reference

VERTICAL - Original Hole, 7/26/2016 12:52:07 PM

