

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 04 2008

Management  
Farmington Field Office

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON**

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit A (NENE), 800' FNL & 1180' FEL, Section 3, T27N, R04W, NMPM

5. Lease Number  
SF-080668

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
San Juan 27-4 Unit

8. Well Name & Number  
San Juan 27-4 Unit 147

9. API Well No.  
30-039-22991

10. Field and Pool  
Blanco Mesaverde

11. County and State  
Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - MIT

13. Describe Proposed or Completed Operations

Burlington Resources wishes to perform a MIT on the casing per the attached procedures. If MIT fails then see procedures for a possible squeeze.

RCVD SEP 9 '08

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed

*Rhonda Rogers*

Rhonda Rogers Title Regulatory Technician

Date 9/4/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date SEP 05 2008

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD 46

- See comments -

**ConocoPhillips  
San Juan 27-4 Unit # 147  
Tubing Repair and MIT**

Lat 36° 36' 25" N Long 107° 13' 60" W

Prepared By: Juan Alvarez  
Production Engineering Peer review/approved By:

Date: 07/28/2008  
Date: 07/28/2008

**Scope of work:** Pull tubing, perform casing MIT, clean out any junk, return tubing and return well to production.

**Est. Rig Days:** 5

**WELL DATA:**

**API:** 3003922991000  
**Location:** 800' FNL & 1180' FEL, Unit A, Section 3- T 27 N - R 04 W  
**PBTD:** 6678' TD: 6700'  
**Perforations:** 5899'-6652' (MV)

| <b>Casing:</b>   | <b>OD</b> | <b>Wt., Grade</b> | <b>Connection</b> | <b>ID/Drift (in)</b> | <b>Depth</b> |
|------------------|-----------|-------------------|-------------------|----------------------|--------------|
|                  | 9-5/8"    | 36.00#, K-55      | -                 | 8.921/8.765          | 300'         |
|                  | 7"        | 20.0#, K-55       | -                 | 6.456/6.331          | 0-3999'      |
|                  | 7"        | 23.0#, K-55       | -                 | 6.366/6.151          | 3999-4403'   |
|                  | 4-1/2"    | 10.5#, K-55       | -                 | 4.052/3.927          | 4266-6695'   |
| <b>Tubing:</b>   | 2-3/8"    | 4.70#, J-55       | EUE               | 1.995/1.901          | 6599'        |
| <b>F Nipple:</b> | 2-3/8"    | 4.70#, J-55       | -                 | 1.780                | 6598'        |

**Well History/ Justification:** The San Juan 27-4 Unit # 147 was drilled and completed in 1982 in the Mesa Verde formation. The well currently is not producing. The recent slickline (8/1/08) showed 18 feet of sand above seating nipple and 2459' fluid level in tubing and 2052' fluid level in casing. It is recommended to pull the tubing, perform casing MIT, replace bad joints, clean out to PBTD and return the well to production.

**B2 Adapters** are required on all wells other than pumping wells.

**Artificial lift on well (type):**

**Est. Reservoir Pressure (psig):** 300psi (MV)

**Well Failure Date:** 8/01/2008 (slickline report date)

**Current Rate (Mcf/d):** 0 **Est. Rate Post Remedial (Mcf/d):** 60

**Earthen Pit Required:** NO

**Special Requirements:** Several joints of 2-3/8" tubing for replacements, 4-1/2" RBP and 4-1/2" Packer for MIT test. If test fails, 7" packer may be necessary to isolate holes.

**Production Engineer:** Juan Alvarez Office: 505-324-5185, Cell: 505-330-5310

**ConocoPhillips**  
**San Juan 27-4 Unit # 147**  
**Tubing Repair and MIT**

Lat 36° 36' 25" N Long 107° 13' 60" 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.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary. ND wellhead and NU BOPE.
4. PU and release tubing hanger and tag for fill, adding additional joints as needed. PBTD is at 6678'. Record fill depth in Wellview.
5. TOOH with tubing (detail below).

223 ~ 2-3/8" 4.7# J-55 Tubing joints  
1- 2-3/8" 4.7# J-55 seating nipple (0.79") (1.79" ID)  
1- 2-3/8" 4.7# J-55 Tubing joint

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

6. PU and TIH with RBP and packer for 4-1/2" 10.5# casing on the 2-3/8" tubing set RBP — 1000# within 50' of the top Mesaverde perms @ 5849' and set a 4-1/2" packer 15'- 20' above RBP to test RBP to 500 psi for 10 min.
7. Unseat packer and test casing to 500 psi for 30 min on a 2 hour chart. If test passes, go to Step 12. If test fails, continue with the next step.
8. Utilize 4-1/2" and 7" packer (if necessary) to isolate the hole(s) in the casing, record location of holes and contact Rig Superintendent and Production Engineer to obtain necessary regulatory approvals and proper squeeze design. Drop 50'+ of sand on top of RBP.
9. RU Cement company, try to get injection rate and returns to surface with water, cement all squeeze holes, circulate to surface if possible.
10. TIH with bit and drill out excess cement left in casing to TOOH.
11. Perform a charted pressure test on casing (after squeezed) to 500 psi for 30 minutes on a 2 hour chart. If test fails call Rig Superintendent and Production Engineer. If test passes continue to step 12.
12. Circulate sand off of RBP, blow hole clear of fluid. Retrieve RBP. TOOH.

1000#  
MAK. SPRING ON  
CHART RECORDER

13. Utilize air package to clean out to PBTD (6678'). If scale is on the tubing, spot acid. Contact Rig Superintendent and Engineer for acid volume, concentration, and tubing volume. TOOH. LD tubing bailer (if applicable).
14. TIH with tubing (detail below). TIH with tubing using Tubing Drift Check procedure. Recommended landing depth is 6599'. Land FN @ 6598'.
  - 1- 2-3/8" Muleshoe/ Expendable Check (If fill was bailed during cleanout, Utilize a pump out plug in place of expendable check.)
  - 1- 2-3/8" F-Nipple (1.78")
  - 1- 2-3/8" 4.7# J-55 Tubing Joint (31')
  - 1 2-3/8" 4.7# J-55 put Joint
  - ~223 - 2-3/8" 4.7# J-55 Tubing Joints
  - Pups joints as necessary to achieve proper landing depth
15. Run standing valve, load tubing and pressure test tubing to 1000 psig. Pull standing valve. Swab down fluid.
16. Land tubing, ND BOPE, NU wellhead, and blow out expendable check. Notify MSO that well is ready to be turned over to production. Make a swab run, if necessary, to kick off the well. RDMO.

