

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 16 2008

Bureau of Land 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 M (SWSW), 1000' FSL & 1000' FWL, Section 31, T27N, R05W, NMPM
5. Lease Number  
SF-079367
6. If Indian, All. or  
Tribe Name
7. Unit Agreement Name  
San Juan 27-5 Unit
8. Well Name & Number  
San Juan 27-5 Unit 97
9. API Well No.  
30-039-06785
10. Field and Pool  
Basin Dakota
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.

RCVD MAY 20 '08  
OIL CONS. DIV.  
DIST. 3

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

Signed Tamra Sessions Title Regulatory Technician Date 5/16/2008

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date MAY 19 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

**ConocoPhillips**  
**SAN JUAN 27-5 #97 (MV/DK)**  
**Tubing Repair**

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**Lat** 36° 31' 34" N

**Long** 107° 24' 22" W

Prepared By: Douglas Montoya Engineer  
BAE Peer review/approved By: Dennis Wilson

Date: 05/08/2008  
Date: xx/xx/2008

**Scope of work:** The intent of this procedure is to remove obstructions from the tubing, perform and MIT to the casing and squeeze to repair communication between casings.

**Est. Cost:**

**Est. Rig Days:** 5

**WELL DATA:**

**API:** 30039067850000

Location: 1000 FSL & 1000 FWL, Unit M, Section 31- T27N - R005W  
PBSD: 7581' TD: 7629'  
Perforations: 7316'-7537' (DK)

**Well History:** This well was drilled in August 1965 as a DK well. A slickline in September 2007 found and obstruction to 7501'. A recent bradenhead Test shows communication between intermediate and surface casing. The well is currently producing 14 Mcfd due to tubing obstruction but the well is capable of producing 60 Mcfd.

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

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

**Est. Reservoir Pressure (psig):** 2300 (DK)

**Well Failure Date:** 5/8/2007 Bradenhead Test Report

**Current Rate (Mcf/d):** 14 **Est. Rate Post Remedial (Mcf/d):** 60

**Earthen Pit Required:** NO

**Special Requirements:** Several joints of 2-3/8" tubing for replacements

**BAE Production Engineer:** Douglas Montoya, Office: (505)599-3425, Cell: (505)320-8523

**BAE Backup:** Mead Karen Office: (505)324-5158, Cell: (505)320-3753

**MSO:** Orlin Gomez: (505)320-7337

**Lead:** Ferrari Mick Cell: (505)320-2508

**Area Foreman:** Lopez Richard, Cell: (505)320-9539

**ConocoPhillips**  
**SAN JUAN 27-5 #97 (MV/DK)**  
**Tubing Repair**

Lat 36° 31' 34" N Long 107° 24' 22" W

**PROCEDURE:**

1. Hold safety meeting. Comply with all NMOCD, BLM, and ConocoPhillips safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU. Check casing, tubing, and bradenhead pressures and record them in Wellview. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead NU BOP.
3. TOOH with tubing (detail below). Tubing is currently landed @ 7,514'. **Packer releases with straight pull.** PBTD is @ 7581', Bottom Perf @ 7537'. Record the fill depth in Wellview.  
  
(228 jts) 2-3/8" 4.70# J-55 EUE Tubing  
**(1) Baker Packer Model R3 @ 7238'**  
(1 jt) 2-3/8" 4.70# J-55 EUE Tubing  
(1) 2-3/8" F Nipple @ 7483'  
(1) 2-3/8" 4.70# J-55 EUE Tubing
6. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Remove obstructions and replace tubing as needed. Please notify engineer of any unusual findings.
7. PU and TIH with a RBP and Packer for a 4 1/2" 10.5# casing on the 2-3/8" tubing set RBP @ ~7,280' within 50' of the Dakota top perfs and set a packer to test RBP to 500 psi for 10 min.
8. Unset packer and test casing to 500psi for 30 min on a 2 hour chart. If test passes, go to next step. If test fails, contact Rig Superintendent and BAE Production Engineer (be prepared for squeezing the hole(s)).
9. Unset RBP and POOH
10. TIH with air package and clean out to PBTD @ 7581'. If scale on tubing then spot acid. Contact rig superintendent or BAE engineer for acid volume, concentration and displacement volume. TOOH.
11. TIH with tubing (detail below). TIH with tubing using Tubing Drift Check Procedure (tubing drift = 1.901" ID). Recommended landing depth is @ +/-7514' (depending of previous fills founded).  
  
(1) 2-3/8" MULESHOE with Expendable Check  
(1) 2-3/8" x 2 3/8" F Nipple  
(1 jt) 2-3/8" 4.70# J-55 EUE Tubing  
(1) 2-3/8" x 2' 4.7# J-55 EUE Tubing Sub  
(~228 jts) – 2-3/8" 4.7# J-55 8rd EUE Tubing to Surface
12. Run standing valve on shear tool, load tubing, and pressure test tubing to 1000 psig. Pull standing valve.
13. ND BOP. NU wellhead. Make swab run if necessary to kick off well. Notify lease operator that well is ready to be returned to production. RDMO.

Recommended	<u>Douglas Montoya</u>	Approved	<u>Stand</u>
BAE Engineer	Douglas Montoya	Expense Supervisor	Terwilliger
Office	(505) 320-8523	Office	(505) 326-9582
Cell	(505) 599-3425	Cell	(505) 320-4785

### **TUBING DRIFT CHECK**

#### **Procedure**

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline 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 tubing. (i.e. – 2-3/8", EUE, 4.7# tbg drift = 1.901"), 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 simulate 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 27.5 UNIT #97

API/ UMI 3003906785	Surface Legal Location 1000' x 50' x 100' x 100' x 100' x 100'	Field Name BEN DICKSON GAS	License No. 400000	State/ Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,471.00	Original KB Elevation (ft) 6,481.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 6,481.00	KB-Tubing Hanger Distance (ft) 6,481.00	

Well Config: 30039067850000; 5/7/2008 7:54:10 AM

