

**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

- |  |   |
|--|---|
| <p>1. <b>Type of Well</b><br/>GAS</p> <p>2. <b>Name of Operator</b><br/><b>BURLINGTON</b><br/>RESOURCES OIL &amp; GAS COMPANY LP</p> <p>3. <b>Address &amp; Phone No. of Operator</b><br/><br/>PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b><br/><br/>Unit A (NENE), 1190' FNL &amp; 1065' FEL, Section 7, T27N, R04W, NMPM</p> | <p>5. <b>Lease Number</b><br/>SF-080673</p> <p>6. <b>If Indian, All. or Tribe Name</b></p> <p>7. <b>Unit Agreement Name</b><br/>San Juan 27-4 Unit</p> <p>8. <b>Well Name &amp; Number</b><br/>San Juan 27-4 Unit 5</p> <p>9. <b>API Well No.</b><br/><br/>30-039-07136</p> <p>10. <b>Field and Pool Basin Dakota</b></p> <p>11. <b>County and State</b><br/>Rio Arriba Co., NM</p> |
|--|---|

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

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> 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.

RCUD MAY 20 '08

OIL CONS. DIV.  
DIST. 3**14. I hereby certify that the foregoing is true and correct.**Signed Tam Sessions 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.

NMOCDS

**ConocoPhillips**  
**SAN JUAN 27-4 #5 (DK)**  
**MIT & Open Hole Clean out**

Lat 36° 35' 29" N      Long 107° 17' 9" W

Prepared By: Douglas Montoya    Engineer      Date: 05/08/2008  
BAE Peer review/approved By: Dennis Wilson      Date: xx/xx/2008

**Scope of work:** A workover is recommended to perform MIT, clean out fill, and return the well to production. If MIT fails, the Production Engineer will evaluate to P&A the well.

**Est. Cost:**

**Est. Rig Days:**                      7

**WELL DATA:**

**API:**    30039071360000

Location:            1190 FNL & 1065 FEL, Unit A, Section 7- T27N – R004W

TD: 8330'

Perforations:            Open Hole 8091'-8330' (DK)

**Well History:** The San Juan 27-4 Unit #5 that was drilled in 1955 as a Dakota open-hole completion. In June 2007, a tubing repair was performed. The Dakota formation was left covered with fill due to economics. In April 2008, a fluid level report indicated fluid level at 6394', which is 1697' above the Dakota zone. The well is currently producing 0 Mcfd. However, according to RAM this well is capable of producing 25 Mcfd and 1 Bwpd.

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

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

**Est. Reservoir Pressure (psig):**    600 (DK)

**Well Failure Date:**

**Current Rate (Mcf/d):**    0    **Est. Rate Post Remedial (Mcf/d):**    25

**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:**                                  Greg Dunn: (505)320-2520

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

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

**ConocoPhillips**  
**SAN JUAN 27-4 #5 (DK)**  
**MIT & Open Hole Clean out**

Lat 36° 35' 29" N Long 107° 17' 9" 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. Release tubing hanger to tag for fill, PU additional joints as needed. Tubing is landed @ 8054', w/ a SN @ 8020' and Mule Shoe on bottom. Record the fill depth in WellView.
4. TOOH with tubing (detail below). TD is @ 8330', Open hole from (8091'-8330').  
  
(257 jts) 2-3/8" 4.70# J-55 EUE Tubing  
(1 jt) 2-3/8" 4.70# J-55 EUE Tubing  
(1) 2-3/8" Seating Nipple @ 8020'  
(1) 2-3/8" Mule shoe
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 7" 23# casing on the 2-3/8" tubing set RBP @ ~8,054' within 50' of the Dakota top perms 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 BAE Production Engineer.
9. Unset RBP and POOH
10. TIH with proper bit and use air package and clean out to TD @ 8330'. TOOH.
11. TIH with tubing (detail below). TIH with tubing using Tubing Drift Check Procedure (tubing drift = 1.901" ID). Recommended landing depth is @ +/-8084".  
  
(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  
(~258 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. Pump off Expendable Check. Make swab run if necessary to kick off well. Notify lease operator that well is ready to be returned to production. RDMO.

Recommended Douglas Montoya

BAE Engineer Douglas Montoya

Approved \_\_\_\_\_

Expense Supervisor Stand Terwilliger

Office  
Cell

(505) 320-8523  
(505) 599-3425

Office  
Cell

(505) 326-9582  
(505) 320-4785

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## **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 27-4 UNIT #5

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003907136	NMPM,007-027N-004W	SAN JUAN 27-4 (PRODUCED GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,980.00	6,993.00	13.00				

Well Config - SAN JUAN 27-4 UNIT 5, 4/16/2008 9:53:19 AM

