

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Jun 19, 2008

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

30-039-20868

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-290-38

7. Lease Name or Unit Agreement Name

San Juan 27-5 Unit

8. Well Number

189

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3. Address of Operator

P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter B : 1000 feet from the North line and 1740 feet from the East line

Section 32 Township 27N Range 5W NMPM Rio Arriba County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6526' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☒ MIT, Casing Repair

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources plans to perform a MIT on the casing and make repairs per the attached procedures.

(Previously submitted 5/29/08)

RCVD JUL 2 '08  
OIL CONS. DIV.

DIST. 3

Spud Date :

Rig Released Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tamra Sessions TITLE Regulatory Technician DATE 7/01/2008

Type or print name Tamra Sessions E-mail address: sessitd@conocophillips.com PHONE: 505-326-9834

For State Use Only

APPROVED BY: Kelly G. Rold TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUL 02 2008

Conditions of Approval (if any):

NOTIFY OCD AZTEC OFFICE 24 HRS PRIOR TO STARTING WORK FOR WITNESS

**ConocoPhillips**  
**SAN JUAN 27-5 Unit # 189 (DK)**  
**MIT & Casing Removal**

Lat 36° 32' 7" N

Long 107° 22' 42" W

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

Date: 05/21/2008  
Date: xx/xx/2008

**Scope of work:** A workover is recommended to perform MIT on the production casing. If MIT fails, the Production Engineer will evaluate to cut the Production casing and perform an MIT to the Intermediate casing.

**Est. Rig Days:** 10

**WELL DATA:**

**API:** 30039208680000

Location: 1000 FNL & 1740 FEL, Unit B, Section 32- T27N - R005W  
TD: 7685' PBTD: 7675  
Perforations: 7440'-7632' (DK)

**Well History:** The San Juan 27-5 Unit #189 was drilled in 1974 as a Dakota well. In April 2007, a tubing repair was performed. A Braden Head Test was performed on September 18, 2007 showing that there was communication between the intermediate and production casing.

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

**Est. Reservoir Pressure (psig):** 2200 (DK)

**Well Failure Date:** September 18, 2007

**Current Rate (Mcf/d):** 0 **Est. Rate Post Remedial (Mcf/d):** 100

**Earthen Pit Required:** NO

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

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

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

**MSO:** Wayne Peace: (505)320-2532

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

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

**ConocoPhillips**  
**SAN JUAN 27-5 Unit # 189 (DK)**  
**MIT & Casing Removal**  
Lat 36° 32' 7" N      Long 107° 22' 42" 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 @ 7560', w/ a SN @ 7559' and Mule Shoe on bottom. Record the fill depth in WellView.
4. TOOH with tubing (detail below). PBTD is @ 7675', Dakota Perf (7440' – 7632').  
  
(~240jts) 2-3/8" 4.70# J-55 EUE Tubing  
(1 jt) 2-3/8" 4.70# J-55 EUE Pup Joint  
(1 jt) 2-3/8" 4.70# J-55 EUE Tubing  
(1) 2-3/8" Seating Nipple @ 7559'  
(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 4 1/2" 10.50# casing on the 2-3/8" tubing set RBP @ ~7400' 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 fails, contact Production Engineer and move RBP and Packer to isolate the hole. If hole is above 3424' then run CBL to locate TOC then proceed to step 10.
9. If hole is below 3424' be prepared to squeeze the hole. Then proceed to step 11.
10. Contact Engineer to decide cutting depth and RIH with chemical cutter and cut the casing. POOH with 4-1/2" casing.
11. If casing is cut and laid down pressure test 4 1/2" and 7" casing together to 500psi for 30 min on a 2 hour chart, if test fails PU packer for casing 7" 20# K-55 and isolate the hole and be prepare to squeeze it.
12. Blow dry with air package, Unset RBP and POOH
13. TIH with air package and clean out to PBTD @ 7675'. TOOH.
14. TIH with tubing (detail below). TIH with tubing using Tubing Drift Check Procedure (tubing drift = 1.901" ID). Recommended landing depth is @ +/-7560".  
  
(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

(~240 jts) – 2-3/8" 4.7# J-55 8rd EUE Tubing to Surface

15. Run standing valve on shear tool, load tubing, and pressure test tubing to 1000 psig. Pull standing valve.
16. 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	<u>Douglas Montoya</u>	Approved	<u>Stand</u>
PE 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 #189

API/UMI 3003920868	Surface Legal Location	Field Name BASIN ANDO (A. (PROPOSED GAS))	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,526.00	Original KB Elevation (ft) 6,536.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 6,536.00	KB-Tubing Hanger Distance (ft) 6,536.00		

Well Config: - Original Hole, 5/20/2008 2:12:20 PM

