

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. <b>30-039-20645</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>E-5111-7</b>
7. Lease Name or Unit Agreement Name <b>San Juan 29-7 Unit</b>
8. Well Number <b>106</b>
9. OGRID Number <b>14538</b>
10. Pool name or Wildcat <b>Basin DK</b>

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator <b>Burlington Resources Oil Gas Company LP</b>	
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289	
4. Well Location Unit Letter <b>K</b> : <b>1650'</b> feet from the <b>South</b> line and <b>1840'</b> feet from the <b>West</b> line Section <b>36</b> Township <b>29N</b> Range <b>7W</b> NMPM Rio Arriba County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>8083' GR</b>	

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☒ Isolate water Source/clean out to PBTD

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 wishes to isolated water source and perform flow test on the DK, clean out to PBTD & replace any bad jts. Procedures and current schematic are attached.

RCVD JUN 1 '10  
OIL CONS. DIV.

Spud Date:

Rig Released Date:

DIST. 3

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 NMOC guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Jamie Goodwin TITLE Regulatory Technician DATE 5/26/10

Type or print name Jamie Goodwin E-mail address: Jamie.L.Goodwin@conocophillips.com PHONE: 505-326-9784

For State Use Only

APPROVED BY: Felix G. Roosa TITLE Deputy Oil & Gas Inspector, District #3 DATE JUN 02 2010

Conditions of Approval (if any):

h

1

pu

**ConocoPhillips**  
**SAN JUAN 29-7 UNIT 106**  
**Expense - Water shut Off**

Lat 36° 40' 46.164" N

Long 107° 31' 27.408" 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 work over 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.
4. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 7985', PBTD @ 8040') . Record fill depth in Wellview.
5. TOOH with tubing (details below).

Number	Description
1	2-3/8" Tubing joint
2	2-3/8" pup joint (6,4')
256	2-3/8" tubing joints
1	2-3/8" Market Pup (2.33')
1	2-3/8" Tubing joint
1	2-3/8" F nipple (ID 1.78")
1	1-1/2" Mule shoe guide

Use Tuboscope Unit to inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints. If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

6. If fill is tagged, utilize the air package and CO to PBTD (8040'). If fill could not be CO to PBTD call Production Engineer to inform how much fill was left and confirm/adjust landing depth.

7. TIH with packer and RBP, set RBP at 7812', 50' above top of Dakota perfs set the packer and test RBP at 500 psi 5 min, retrieve the packer and perform casing test from 7812' to surface at 560 psi for 30 min in 2 hours chart, if test is ok go to step

8. Notify Production engineer. **Note: Inform to regulatory agency 24 hours before, any squeeze, cement plug or CIBP to isolate water source.**

8. Unset RBP and reset at @ 7970'. Perform a 5 hrs flow. Notify Production Engineer water rate, if water source is isolated, TIH with tubing detail, if not unset RBP and reset at 7960' perform 4 hrs flow test, if water rate still high unset the RBP. POOH . Notify production Engineer.

7. TIH with tubing using Tubing Drift Procedure. (detail below). **Note: this is a estimated tubing detail.**

**Recommended**

Tubing Drift ID:	1.901"
Land Tubing At:	7985'
Land F-Nipple At:	7984'

Number	Description
1	2-3/8" Mule shoe guide
1	2-3/8" F nipple (ID 1.78")
1	2-3/8" Tubing joint
1	2-3/8" Market Pup (2.33')
256	2-3/8" tubing joints
2	2-3/8" pup joint (6,4')
1	2-3/8" Tubing joint

8. If there is an air package on location, skip to the next step. Run standing valve on shear tool, load tubing, and pressure test to 500#. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve.

9. 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. Notify the MSO that the well is ready to be turned over to Production Operations. Make swab run to kick-off the well, if necessary, then RDMO

## **Tubing Drift Check**

### **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 1.901" for the 2 3/8", 4.7# tubing, 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 stimulate 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 - Revised

ConocoPhillips

Well Name: SAN JUAN 29-7 UNIT #106

API / UWI 3003920645	Surface Legal Location 1650-S 1840-W, 26-028N-007W	Field Name B-HW DAKOTA OPERATED OIL FIELD	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 8,083.00	Original KB/RT Elevation (ft) 8,095.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft) 8,095.00	KB-Tubing Hanger Distance (ft) 8,095.00	

Well Config - Original Hole, 5/12/2010 9:39:04 AM

