

**RECEIVED**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

MAY 11 2010

**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 &amp; 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

Surf: Unit O (SWSE), 660' FSL &amp; 1820' FEL, Section 34, T29N, R10W, NMPM

5. Lease Number  
NMSF - 080724-A  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name

8. Well Name & Number  
Zachry 49

9. API Well No.  
30-045-25610

10. Field and Pool

Blanco MV/Armenta Gallup  
11. County and State  
San Juan Co., NM

**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 checked="" type="checkbox"/> Other -	<input type="checkbox"/> Shut off water Producing Zone/ commingle	
<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			

RCVD MAY 17 '10  
OIL CONS. DIV.  
DIST. 3

**13. Describe Proposed or Completed Operations**

Burlington Resources wishes to SQZ water producing zone, mill out CBP & commingle the Armenta Gallup and the Blanco MV & place the subject well under plunger lift. Attached are the procedures and current schematic. DHC has been applied for.

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

Signed Jamie Goodwin Title Regulatory Technician Date 5/10/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title

Date MAY 11 2010

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

DHC 3415AZ

NMOCDA

PC

**ConocoPhillips**  
**ZACHRY 49**  
**Rig Uplift - Commingles**

Lat 36° 40' 37.344" N

Long 107° 52' 9.768" 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 @ 4330', PBTD @ 5324') . Record fill depth in Wellview.
5. TOOH with tubing (details below). LD tubing bailer (if applicable).

<u>Number</u>	<u>Description</u>
138	2-3/8" 4.7# J-55 Tubing Joints
1	2-3/8" 4.7# J-55 Pup Joint (2')
1	2-3/8" 4.7# J-55 Tubing Joint
1	2-3/8" F-Nipple (ID 1.78")
1	Mule Shoe

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 above 4400', PU bailer and CO to 4400' (PBTD is at 5324'). If fill is too hard or too much to bail, utilize the air package. TOOH with tubing.
7. TIH with tubing to 4390'. Conduct a fluid flow test with the air package on the Mesaverde formation until the fluid rate stabilizes. Contact the Production Engineer if this is taking longer than 4 hours. Inform the Production Engineer of fluid rates with estimates on oil/water ratio.
8. If large a amount of water was found in step 7, TOOH with tubing. TIH with tubing, retrievable bridge plug, and packer to 3830' Set bridge plug at 3830' and flow test the Menefee formation until the fluid rate stabilizes. If this takes longer than 4 hours, inform the Production Engineer.
9. If the fluid was determined to be coming from above 3830', unseat the RBP and move up hole to 3790'. Set the RBP at 3790' and pressure test the casing to 550 psig. Contact the Production Engineer of the results. If the test passes, squeeze the Menefee formation from 3808' to 3817' and retest the casing and fluid flow rates. If the fluid was not coming from above 3830' move down hole and test each perf interval (like in step 8) until the water is located and squeeze the interval.
10. TOOH with tubing, packer, and RBP. TIH with tubing and mill to 5324' (or fill level from step 6). Mill the 4-1/2"CIBP (5324') and chase remains to bottom (5912'). TOOH with tubing and mill. Liner top is at 5081'.

11. TIH with tubing using Tubing Drift Procedure. (detail below).

**Recommended**

Tubing Drift ID:	1.901"
Land Tubing At:	5768'
Land F-Nipple At:	5766'

Number	Description
1	Mule Shoe Guide
1	2-3/8" F-Nipple (ID 1.78")
~181	2-3/8" 4.7# J-55 Tubing Joints
As Needed	2-3/8" 4.7# J-55 Pup Joint
1	2-3/8" 4.7# J-55 Tubing Joint

12. 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.

13. 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

ConocoPhillips

Well Name: ZACHRY #49

API/UVI:	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004525610	8807 SL & 14201 CL 94-02249-0-001	ARMIENTA GALLUP	83195	NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grnd Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
5,605.00	5,617.00	12.00	5,617.00	5,617.00		

Well Config: Original Hole, 2/17/2010 8:17:23 AM

