

ED

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 19 2011

Farmington Field Office  
Bureau of Land Management

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP

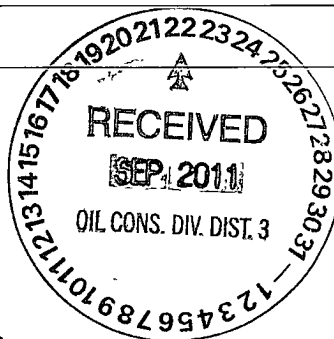
3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit M (SWSW), 1090' FSL & 890' FWL, Section 30, T27N, R5W, 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 34
9. API Well No.  
30-039-06869
10. Field and Pool  
Blanco MV / So. Blanco PC
11. County and State  
Rio Arriba, 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 - Commingle

## 13. Describe Proposed or Completed Operations

Burlington Resources requests permission to remove the packer in the subject well and commingle the producing formations per the attached procedure and current wellbore schematic. A DHC will be filed as soon as possible.

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 9/19/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_

Date SEP 21 2011

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 A

**ConocoPhillips**  
**SAN JUAN 27-5 UNIT 34**  
**Rig Uplift - Commingles**

Lat 36° 32' 27.6" N

Long 107° 24' 22.788" 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. If there is pressure on the BH, contact engineer to review complete BH history and get a gas analysis done.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary.
5. ND wellhead and NU BOPE with 1" offset rams and spool. PU and remove Pictured Cliffs tubing hanger.
6. TOO H with short string, 104 joints of 1" EUE tubing and LD tubing. Make note of corrosion, scale, or paraffin and save a sample to give to NALCO for further analysis.
7. Install 2-3/8" rams. Sting out of Guiberson Magnum Shorty Packer and TOO H with long string, 103 joints of 2-3/8" EUE tubing from surface to packer and 67 joints of 2-3/8" EUE from packer to EOT. LD tubing. Make note of corrosion, scale, or paraffin and save a sample to give to NALCO for further analysis. If needed, contact rig superintendent or engineer for acid, volume, concentration, and displacement volume. Do not rerun any of the tubing.
8. PU packer plucker and new tubing. RIH, mill slips and retrieve packer. TOO H and LD packer and packer plucker.
9. PU 5-1/2" string mill and bit sub. Clean 5-1/2" casing to the top of the MV perforations. TOO H. LD 5-1/2" string mill and bit sub. PU 7-5/8" string mill and bit sub. Clean 7-5/8" casing to 3200'.
10. PU 5-1/2" RBP and 5-1/2" packer. Set RBP at 4730'. Pull up and test RBP with packer. TOO H. LD 5-1/2" packer. PU 7-5/8" packer. Set 7-5/8" packer at 3190'. Load hole between RBP and packer.
11. Mechanical Integrity Test the casing between the MV and PC perfs to 560 psi for 30 minutes on a chart recorder. There should not be a pressure drop greater than 10% over a 30 minute period. Notify the NMOCD 24 hours before test to witness. **If the casing does not test, notify rig superintendent and production engineer.**
12. TOO H and LD 7-5/8" packer. Retrieve 5-1/2" RBP and TOO H. LD 5-1/2" RBP. PU 7-5/8" RBP. Set RBP at 3046'. Load hole.
13. Mechanical Integrity Test the casing between the PC perfs and surface to 560 psi for 30 minutes on a chart recorder. There should not be a pressure drop greater than 10% over a 30 minute period. Notify the NMOCD 24 hours before test to witness. **If the casing does not test, notify rig superintendent and production engineer.**
14. Retrieve 7-5/8" RBP and TOO H. LD RBP.
15. TIH using the tubing drift procedure and CO to PBTD. If fill is too hard or too much to bail, utilize the air package. If fill could not be CO to PBTD, please call Production Engineer to inform how much fill was left and confirm/adjust landing depth.

<u>Tubing and BHA Description</u>			
Run Same BHA:	No	1	2- 3/8" muleshoe/expendable check (If fill was bailed during cleanout, utilize a pump out plug in place of expendable check )
Tubing Drift ID:	1.901"	1	2-3/8" x 1.78" F-Nipple
Land Tubing At:	5360	1	2-3/8" 4.7# J-55 tubing joint
KB:	10'	1	2-3/8" 4.7# J-55 sub pup joint (2')
		168	2-3/8" 4.7# J-55 tubing joints
		As Needed	2-3/8" 4.7# J-55 pup joints to achieve landing depth
		1	2-3/8" 4.7# J-55 tubing joint

16. 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.
17. ND BOPE, NU Wellhead from **Cameron (they have a wellhead in inventory left over from another project)**. 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 7/8" 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: SAN JUAN 27.5 UNIT #34

API/UNII 3003906869	Surface Legal Location NMPM.030-027N-005W	Field Name BLANCO P.C. SOUTH (GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,396.00	Original KB/RT Elevation (ft) 6,406.00	KB-Grout Distance (ft) 10.00	KB-Casing/Flange Distance (ft)	KB-Tubing/Hanger Distance (ft)		

Well Config: - Original Hole, 9/12/2011 12:31:32 PM

ftKB (MD)	Schematic - Actual	From Final
0		
10		
171		
172	Tubing, 1.315in, 2.40lbs/ft, J-55, 10 ftKB, 2,131 ftKB	Surface Casing Cement, 10-172, 5/4/1958, Cemented w/100 sxs reg cmt. Circ. to surface.
174	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 3,253 ftKB	Surface, 10 3/4in, 10.192in, 10 ftKB, 172 ftKB
2,131		
2,200		
2,373	Perf'd Tubing, 1.315in, 2.40lbs/ft, J-55, 2,131 ftKB, 2,644 ftKB	OJO ALAMO, 2,373
2,617		KIRTLAND, 2,617
2,644	Tubing, 1.315in, 2.40lbs/ft, J-55, 2,644 ftKB, 3,129 ftKB	
2,874	Hydraulic Fracture, 5/29/1958, Frac'd w/37,400 gals. water & 35,000# sand.	FRUITLAND, 2,874
3,083		PICTURED CLIFFS, 3,083
3,096	Perf'd Tubing, 1.315in, 2.40lbs/ft, J-55, 3,129 ftKB, 3,134 ftKB	
3,129	Tubing, 1.315in, 2.40lbs/ft, J-55, 3,134 ftKB, 3,149 ftKB	Pictured Cliffs, 3,096-3,150, 5/29/1958
3,134		
3,149		
3,150		
3,151		LEWIS, 3,151
3,193		
3,194		
3,221	Top of Liner at 3221'	Intermediate Casing Cement, 2,200-3,252, 5/22/1958, Cemented w/150 sxs 50/50 Pozmix & 50 sxs Neat. TOC 2200' by Temp. Survey 5/22/1958.
3,251		Intermediate 1, 7 5/8in, 6.969in, 10 ftKB, 3,252 ftKB
3,252	Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 3,253 ftKB, 3,255 ftKB	
3,253	Packer, 2 3/8in, 4.70lbs/ft, J-55, 3,255 ftKB, 3,260 ftKB	
3,254	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 3,260 ftKB, 5,359 ftKB	
3,255		
3,260	Hydraulic Fracture, 5/29/1958, Frac'd 31,000 gals water & 30,000# 40/60 sand.	CLIFF HOUSE, 4,750
4,750	Hydraulic Fracture, 5/29/1958, Frac'd w/61,000 gals. water & 60,000# 20/40 sand.	
4,780	Pump Seating Nipple, 2 3/8in, 4.70lbs/ft, J-55, 5,359 ftKB, 5,360 ftKB	Cliff House, 4,780-4,827, 5/29/1958
4,827	Perf'd Tubing, 2 3/8in, 4.70lbs/ft, J-55, 5,360 ftKB, 5,363 ftKB	
4,860	Bull Plug, 2 3/8in, 4.70lbs/ft, J-55, 5,363 ftKB, 5,364 ftKB	MENEFEE, 4,860
5,252		POINT LOOKOUT, 5,268
5,268		
5,359		
5,360		
5,363		
5,364		
5,388		MANCOS, 5,388
5,393	PBTD, 5,393	
5,394		Liner Cement, 3,221-5,439, 5/26/1958, Cemented w/250 sxs 50/50 Pozmix & 50 sxs Neat. TOC @ top of liner (75% eff. calc).
5,439		Production 1, 5 1/2in, 4.950in, 3,221 ftKB, 5,439 ftKB
5,439		
5,447	TD, 5,447, 5/26/1958	Display Cement Fill, 5,439-5,447, 5/26/1958