

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

NOV 21 2011

Farmington Field Office
Bureau of Land Management

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 E (SWNW), 1400' FNL & 1160' FWL, Section 34, T27N, R4W, NMPM

5. Lease Number
SF-080675
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 27-4 Unit
8. Well Name & Number
San Juan 27-4 Unit 69N
9. API Well No.
30-039-30435
10. Field and Pool
Blanco MV / Basin DK
11. County and State
Rio Arriba, 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 checked="" type="checkbox"/> Other — <u>Water Isolation</u>
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	
	<input type="checkbox"/> Casing Repair	
	<input type="checkbox"/> Altering Casing	
	<input type="checkbox"/> Change of Plans	
	<input type="checkbox"/> New Construction	
	<input type="checkbox"/> Non-Routine Fracturing	
	<input type="checkbox"/> Water Shut off	
	<input type="checkbox"/> Conversion to Injection	

RCVD DEC 1 '11
OIL CONS. DIV.

13. Describe Proposed or Completed Operations

DIST. 3

Burlington Resources requests permission to isolate water producing zones in the subject well per the attached procedure and current wellbore schematic.

* The zones below the RBP will have to be properly isolated when well is PL'd

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

Signed Crystal Tafoya Title Crystal Tafoya Title: Staff Regulatory Technician Date 11/21/11

(This space for Federal or State Office use)
APPROVED BY Shen C. Valdez Title PE Date 11/23/11
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

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

NMOCD

A

ConocoPhillips
SAN JUAN 27-4 UNIT 69N
Expense - Water Shut Off
Lat 36° 31' 59.243" N Long 107° 14' 34.645" W

****Record all volumes used to kill and pressure test during different stages to track flowback****

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. 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. Record fill depth in Wellview.
5. TOOH with Tubing (per pertinent data sheet).
Use Tuboscope Unit to inspect tubing and record findings in Wellview **Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.** 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, PU bailer and CO to PBTD. If fill is too hard or too much to bail, utilize the air package. Establish a base line water rate for testing. **Save a sample of the fill and contact engineer for further analysis.**
Note the production each hour, and a final stabilized rate. Notify Production Engineer.
7. TOOH. LD tubing bailer (if applicable). If fill could not be CO to PBTD, please call Production Engineer to inform how much fill was left.
8. PU 4-1/2" RBP and packer. TIH and set the RBP at 5656' (50' above top perforation). PUH, set packer, and pressure test RBP. Release packer and TOOH. Load hole. Close pipe rams and pressure test at 800 PSI for 30 minutes.
Note: Contact Production Engineer for squeeze plan if any casing leaks are identified.
9. Unload hole. TIH and set the RBP at 6750'. Use the air unit to unload and flow test upper set of perfs. Flow test for 6 hours or until water production has stabilized.
Note the production each hour, and a final stabilized rate. Notify Production Engineer.
11. Contact Production Engineer to determine where the water is coming from and how best to isolate it.
12. TIH with tubing using Tubing Drift Procedure. (detail below).

Tubing Drift ID: 1.995"

Land Tubing At: **Contact Production Engineer for**
depth (TBD after tests)

KB: 15'

Tubing and BHA Description	
1	2-3/8" Expendable Check
1	2-3/8" F-Nipple
1	2-3/8" Tubing Joint
1	2-3/8" Pup Joint
TBD	2-3/8" Tubing Joints
XX	2-3/8" Pup Joints as needed
1	2-3/8" Tubing Joint

13. 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.
14. 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: SAN JUAN 27-4 UNIT #69N

API/UVI 3003930435	State Legal Location 034-027N-004W-E	Field Name MV/DK COM	License No.	State/Province NEW MEXICO	Well Configuration Type DEVIATED	Edit
Ground Elevation (ft) 7,169.00	Original KB/RT Elevation (ft) 7,184.00	KB-Grout/Dk/rt (ft) 15100	KB-Casing/Ft/rt/Dk/rt (ft)	KB-Tubing/Hanger/Dk/rt (ft)		

Well Config: DEVIATED -- Original Hole, 11/14/2011 10:02:31 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15			
16			
18			
47			
62			
198	198		
228	228		
229	229		
235	235		
791	790		
1,904	1,866		
2,300	2,239		
3,059	2,962		
3,543	3,428		OJO ALAMO, 3,543
3,667	3,549		KIRTLAND, 3,667
3,944	3,821		FRUIT AND 3,944
4,152	4,029		PICTURED CLIFFS, 4,152
4,247	4,124		LEWIS, 4,247
4,307	4,184		
4,308	4,185		
4,350	4,227		
4,351	4,227		
4,360	4,236		
4,577	4,454		
4,587	4,463		
4,609	4,485		
5,083	4,959		
5,703	5,579		
5,706	5,582		
5,954	5,830		
6,074	5,950		
6,112	5,988		
6,298	6,174		
6,660	6,536		
6,704	6,580		
6,787	6,663		
7,427	7,303		
8,122			
8,133			
8,238			
8,299			
8,324			
8,326			
8,430			
8,431			
8,463			
8,463			
8,464			
8,522			
8,560			
8,560			
8,560			
8,562			
8,563			

BLM CONDITIONS OF APPROVAL

CASING REPAIR, WORKOVER AND RECOMPLETION OPERATIONS:

- 1. If casing repair operations are needed, obtain prior approval from this office before commencing repairs.**
- 2. A properly functioning BOP and related equipment must be installed prior to commencing casing repair, workover and/or recompletion operations.**

SURFACE USE OPERATIONS:

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.