

ConocoPhillips Company
3401 E. 30th Street
Farmington, NM 87402



Monica Kuehling
Oil Conservation Division
1000 Rio Brazos Rd
Aztec, NM 87410

April 12, 2011

RE: San Juan 28-6 Unit 167
API# 30-039-20483
Sec. 4, T27N, R6W
Lease #: SF-079049-B
Reference: RBDMS KGR1103954920

Dear Mrs. Kuehling:

On February 24, 2011 a letter was received from the NMOCD Aztec Office regarding the subject well having a bradenhead failure. A Notice of Intent has been filed to perform a tubing repair on the well, which is attached. Also attached is a copy of the last two BH tests, and a current wellbore schematic. A cement bond log and gas analysis will be performed during the remedial activity and results will be submitted to the NMOCD Aztec Office.

If further detail or information is needed regarding the subject well please contact me at 326-9837.

Sincerely,

A handwritten signature in cursive script that reads "Crystal Tafoya".

Crystal Tafoya
Staff Regulatory Technician



A

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

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY L

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 K (NESW), 1750' FSL & 1500' FWL, Section 4, T27N, R6W, NMPM

5. Lease Number
SF-079049-B

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 28-6 Unit

8. Well Name & Number
San Juan 28-6 Unit 167

9. API Well No.

30-039-20483

10. Field and Pool
Basin Dakota

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 --

Tubing Repair

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to perform a tubing repair on the subject well per the attached procedure and current wellbore schematic. The subject well is being repaired in reference to the compliance letter received from NMOCD. Letter Reference: RBDMS KGR1103954920.

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 4/12/11

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

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.

PC

ConocoPhillips
SAN JUAN 28-6 UNIT 167
Rig Uplift - Tubing Replacements

Lat 36° 36' 1.908" N

Long 107° 28' 30.504" 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.

5. TOOH with tubing laying down (details below).

Number	Description
236	1.9" Grade A 2.9# Tubing Joints (7,601')
1	1.9" Grade A Seating Nipple (1')
1	1.9" Grade A 2.9# Tubing Joint (31')
1	1.9" Grade A Expendable Check (1')

6. TIH with bit and string mill and CO casing to the PBTD at 7,663'. **Collect a sample of scale and fill and contact engineer for further analysis.** If fill could not be CO to PBTD, please call production engineer to inform how much fill was left to confirm/adjust landing depth.

7. TOOH. PU RBP and packer. TIH and set the RBP at approximately 7414' (40' above top perforation). PUH, set packer, and pressure test RBP. Release packer and load hole. POOH with packer and reload the well.

8. **Remove tubing head and inspect secondary seals. If no seal is found, contact Cameron to repair wellhead and install secondary seal. Inspect 4-1/2" casing to make sure it is still in the slips and sealing with the casing hangar. If it is not, contact the rig superintendent and production engineer.** NU tubing head and close intermediate and bradenhead. Keep shut in and monitor pressure.

9. Run a GR/CCL/CBL to confirm top of cement (2970' from temperature survey). If needed reload the well to run the logs.

10. Casing Integrity Test the 4-1/2" casing 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. Open the bradenhead and intermediate valves. Monitor the intermediate for any communication. **If the casing does not test, notify rig superintendent and production engineer.**

11. Use tubing to cleanout fluid to prevent fallback onto formation. Release RBP and TOOH. LD RBP and packer.

12. Pick up and TIH with 2-3/8" tubing using Tubing Drift Procedure. (detail below).

Recommended

Tubing Drift ID:	1.901"
Land Tubing At:	7646'
Land F-Nipple At:	7645'

Number	Description
1	2- 3/8" 4.7# J-55 EUE Muleshoe/Expendable Check (If fill was bailed during cleanout, utilize a pump out plug in place of Expendable Check.)
1	2-3/8" x 1.78" ID Seating Nipple
1	2-3/8" 4.7# J-55 EUE Tubing Joint
1	2-3/8" 4.7# J-55 EUE Tubing Pup Joint
238	2-3/8" 4.7# J-55 EUE Tubing Joints

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. **Perform a bradenhead test and contact the rig superintendent and engineer with the results.**

15. 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 minutes, 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

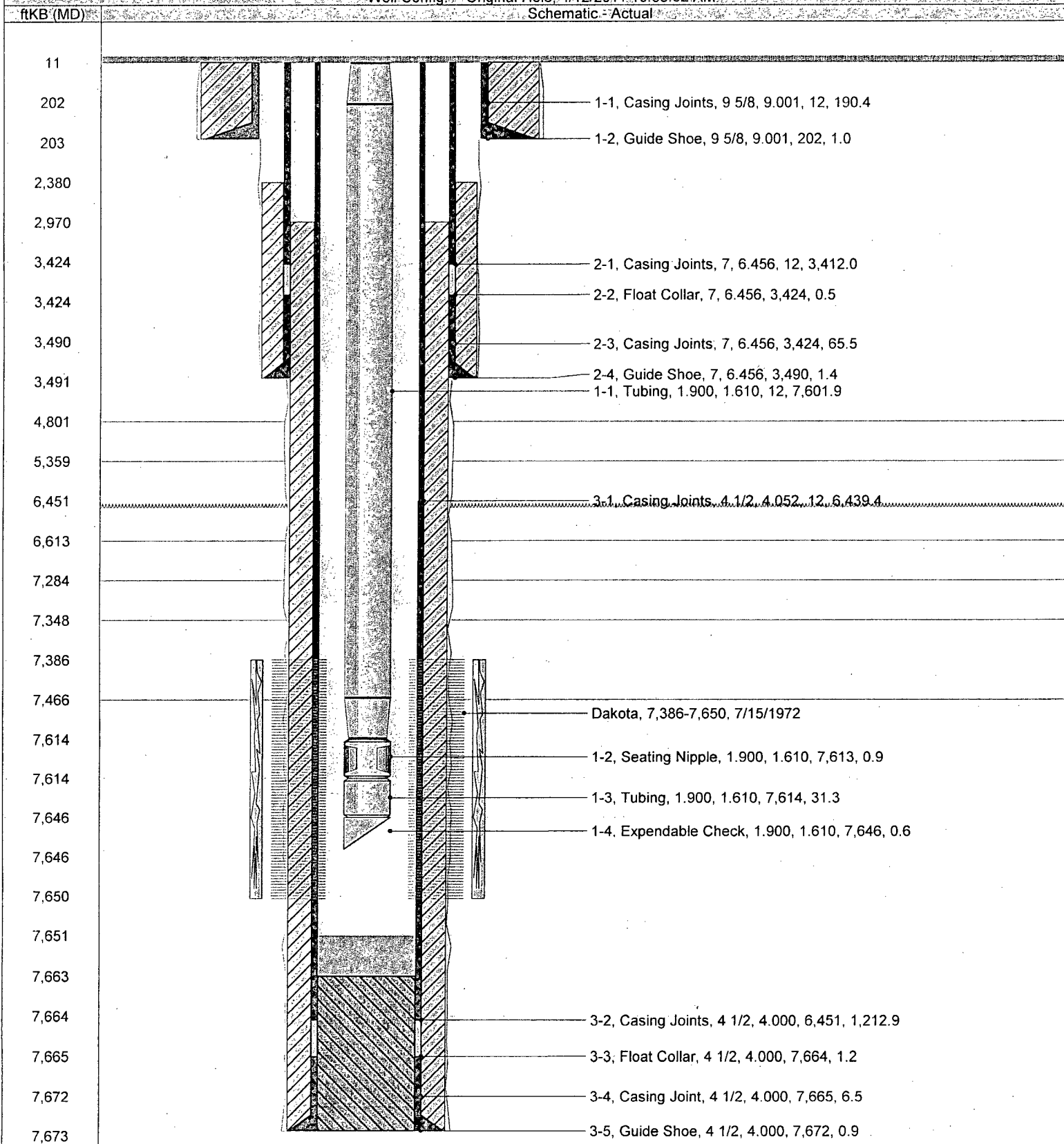
1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of 1.901" for the 2 3/8", 4.7# tubing, and will be at least 15" long. The 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".

District SOUTH	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3003920483	County RIO ARRIBA	State/Province NEW MEXICO	
Original Spud Date 5/24/1972	Surface Legal Location NMPM,004-027N-006W	East/West Distance (ft) 0.00	East/West Reference	North/South Distance (ft) 0.00	North/South Reference

Well Config: Original Hole: 4/12/2011 10:55:02 AM

Schematic - Actual



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnr.state.nm.us/ocd/District III/3district.htm](http://emnr.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 5/31/2010 Operator Burlington Resources API # 3003920483
Property Name SAN JUAN 28-6 UNIT Well No. 167 Location: Unit K Section 04 Township 027N Range 006W
Well Status Flowing Initial PSI: Tubing 162 Intermediate 196 Casing 196 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

PRESSURE

Testing TIME	BRADENHEAD			INTERM	
	BH	Int	Csg	Int	Csg
5 min		196	196		97
10 min		197	197		52
15 min		198	198		34
20 min					23
25 min					15
30 min					13

FLOW CHARACTERISTICS

	BRADENHEAD	INTERMEDIATE
Steady Flow		Y
Surges		
Down to Nothing		
Nothing	Y	
Gas		Y
Gas & Water		
Water		

If Bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

If Intermediate flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE Bradenhead 0 Intermediate 47

REMARKS:

bhd had 0 psi / int blew stedy flow for entire 30 min test. Through 2"valve

Tested By cordol Witness No

**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnr.state.nm.us/ocd/District III/3ddistrict.htm](http://emnr.state.nm.us/ocd/District%20III/3ddistrict.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8/23/2010 Operator Burlington Resources API # 3003920483
Property Name SAN JUAN 28-6 UNIT Well No. 167 Location: Unit K Section 04 Township 027N Range 006W
Well Status Flowing Initial PSI: Tubing 280 Intermediate 281 Casing 281 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

PRESSURE

Testing TIME	BRADENHEAD			INTERM	
	BH	Int	Csg	Int	Csg
5 min		281	281		189
10 min		281	281		127
15 min		281	281		78
20 min					38
25 min					10
30 min					4

FLOW CHARACTERISTICS

	BRADENHEAD	INTERMEDIATE
Steady Flow		Y
Surges		
Down to Nothing		
Nothing	Y	
Gas		Y
Gas & Water		
Water		

If Bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

If Intermediate flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE Bradenhead 0 Intermediate 67

REMARKS:

bh - o thru 1" by, int blew entire 30 mins. Casing pressure dropped along with int pressure.

Tested By ulibaav Witness No

Schematic - Current

SAN JUAN 28-6 UNIT #167

District SOUTH	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3003920483	County RIO ARRIBA	State/Province NEW MEXICO	
Original Spud Date 5/24/1972	Surface Legal Location NMPM,004-027N-006W	East/West Distance (ft) 0.00	East/West Reference	North/South Distance (ft) 0.00	North/South Reference

Well Config: - Original Hole, 4/12/2011 6:46:09 AM
Schematic - Actual

