

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 29 2010

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

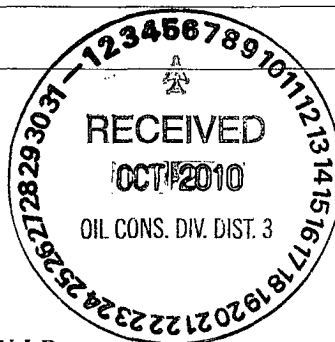
2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

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 P (SESE), 1190' FSL & 1190' FEL, Section 4, T29N, R11W, NMPM



5. Lease Number
NMSF-043260-C

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Fogelson 4 I

9. API Well No.
30-045-08664

10. Field and Pool
Basin Dakota

11. County and State
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent☐ Abandonment☐ Change of Plans☒ Other -- ☐ Casing Repair☐ Subsequent Report☐ Recompletion☐ New Construction☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Final Abandonment☐ Altering Casing☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to repair the casing for the subject well per the attached procedure and current wellbore schematic.

Notify NMOCD 24 hrs
prior to beginning
operations

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 9/29/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date OCT 01 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.

NMOCD

ConocoPhillips
FOGELSON 4 1
Expense - Repair Casing

Lat 36° 45' 2.376" N

Long 107° 59' 29.616" 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 @ ', PBTD @ 6723') . Record fill depth in Wellview.

5. TOOH with tubing (details below).

Number	Description
1	2-3/8" Tubing joint
1	2-3/8" pup joint (4.1')
68	2-3/8" tubing joints
1	2-3/8" F nipple (ID 1.78")
2	2-3/8" tubing joints (10.23', 10.23')
1	2-3/8" x 1-1/2" Crossover
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, PU bailer and CO to PBTD (6723'). If fill is too hard or too much to bail, utilize the air package. 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 w/RBP and packer and try to isolate any hole in casing. Report findings to Engineer and Superintendent to determine course of action. Old squeezed off Chacra perms were between 2726'-3155'.

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

Recommended

Tubing Drift ID:	1.901"
Land Tubing At:	6640'
Land F-Nipple At:	6638'

Number	Description
1	1-1/2" Mule shoe guide
1	2-3/8" x 1-1/2" Crossover
2	2-3/8" tubing joints (10.23', 10.23')
1	2-3/8" F nipple (ID 1.78")
68	2-3/8" tubing joints
1	2-3/8" pup joint (4.1')
1	2-3/8" Tubing joint

9. 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.

10. 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: FOGELSON 4 #1

API# 0001 3004508664	Surface Legal Location 4-029N-011W	Field Name BEN D KIPRO GAS	License No. 00092	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,785.00	Original KB/RT Elevation (ft) 5,797.00	KB-Grout Distance (ft) 12.00	KB-Casing Flange Distance (ft) 5,797.00	KB-Tubing Hanger Distance (ft) 5,797.00	

Well Config: 30045086640000, 9/15/2010 6:58:40 AM

ftKB (MD)	Schematic - Actual	Frm Final
0	Hyd Frac-Foam N2, 12/22/2003, Net penetration: INCREASE; Net stim: 429; Pumped down;	
12	TUBING; Remarks: B/D WITH	
138	FLUID, SPEARHEAD 1000 GALS 15% HCL	Surface Casing Cement, 12-199, 11/18/1961, Cmt'd w/125sxs Neat plus 2% HA-5, cmt circulated.
199	PUMPED 10,000 75 QUALITY FOAM PAD @ 35 BPM @ 4200	Surface, 8 5/8in, 8.097in, 12 ftKB, 199 ftKB
205	PSI	Cement Squeeze, 137-1,116, 5/29/1992, Top hole @ 960', bottom hole @ 1116'. Sqz'd w/1252sxs, Class B, TOC @ 137 w/75% eff calc.
2,040	PUMPED APPROX. 200,000# 20 #40 ARIZONA SAND @ 1-3 PPG	PICTURED CLIFFS, 2,040
2,155	SAND CONC. @ 39 BPM @ 5200 PSI, 75 QUALITY FOAM, 20#	Chacra, 2,726-3,155, 12/22/2003
2,726	LINEAR GEL DISPLACED WITH 4 FLUID BBLS	Cement Squeeze, 2,727-3,155, 12/30/2003, Cmt'd w/400sxs Type 3 cmt.. Squeeze did not hold. 1/5/2004 - Resqueezed upper Chacra 2726' to 2970' w/110sxs Type 3 cmt, 2% CACL Reverse Circ 9.5 BBL cmt to pit. TOC @ 2727 w/75% eff calc.
3,155	AND 5000 SCF N2	
3,718	JOB PUMPED AS PER DESIGN. Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 6,615 ftKB	CLIFF HOUSE, 3,718
3,761		MENELEE, 3,761
3,888		
3,889		
4,337		POINT LOOKOUT, 4,337
4,670		MANCOS, 4,670
5,620		GALLUP, 5,620
6,362		GREENHORN, 6,362
6,427		GRANEROS sh, 6,427
6,478		GRANEROS sd, 6,478
6,480	Hydraulic Fracture, 11/30/1962, Frac'd 1st stage w/10,000# 20-40 sand. Frac'd 2nd stage w/27,500# 20-40 sand. Frac'd 3rd stage w/4,500# sand	
6,539		Dakota, 6,480-6,646, 12/5/1961
6,615	Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 6,615 ftKB, 6,617 ftKB	
6,617	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 6,617 ftKB, 6,649 ftKB	
6,646		
6,649	Seating Nipple, 2 3/8in, 4.70lbs/ft, J-55, 6,649 ftKB, 6,650 ftKB	
6,650	Mule Shoe/Expendable check, 2 3/8in, 4.70lbs/ft, J-55, 6,650 ftKB, 6,651 ftKB	
6,651		
6,723	PBTD, 6,723	
6,730		Production Casing Cement, 5,209-6,763, 11/29/1961, Cmt'd w/400sxs. 75% efficiency calc. was used to estimate TOC (5209'). Production1, 4 1/2in, 4.052in, 12 ftKB, 6,763 ftKB
6,762		MORRISON, 6,730
6,763		
6,765	TD, 6,765, 11/29/1961	Cement Plug, 6,763-6,765, 11/29/1961