

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 11 2009

Bureau of Land Management  
Farmington Field Office

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
CONOCOPHILLIPS COMPANY

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 D (NWNW), 790' FNL & 1090' FWL, Section 6, T27N, R11W, NMPM

5. Lease Number  
SF-078895

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Holloway Federal 1E

9. API Well No.  
30-045-25827

10. Field and Pool  
Basin DK

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 -- Bradenhead Repair
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	RCVD JUN 18 '09 OIL CONS. DIV. DIST. 3
<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	

## 13. Describe Proposed or Completed Operations

The subject well failed a Bradenhead test and COP intends on conducting repairs in accordance with the attached procedures.

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

Signed Kelly Jeffery Title Regulatory Technician Date 6-11-09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUN 15 2009

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

1000 # MAX. SPRING ON CHART RECORDER

NMOCD

8

PC

**ConocoPhillips**  
**HOLLOWAY FEDERAL 1E**  
**Braden Head Repair**

Lat 36° 36' 33.404" N

Long 108° 2' 59.1" W

**PROCEDURE**

1. **Contact regulatory NMOCD at least 24hrs prior to cementing operations and/or MIT.** 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. ND WH and determine if wellhead has secondary seal. Perform wellhead seal test if secondary seal is present. If secondary seal has not been installed, install secondary seal and perform wellhead seal test.
4. NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 6414, PBSD @ 6512) . Record fill depth in Wellview.

5. TOOH with tubing (details below). NOTE: possible bridge between tubing and casing.

Number	Description	Casing P = 28psi; Tubing = 318 psi
204	2-3/8" Tubing joint	
1	2-3/8" F nipple (ID 1.78")	
1	2-3/8" Mud anchor	

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

6. Roundtrip w/ GR to 6284'. RIH w/ CIBP for 4 1/2" 10.5# casing on wireline and set at 6284' (50' above the top perforation). PT the casing to 500 psi for 30 min. NOTE: call the OCD and BLM prior to PT the casing.
7. If the PT fails, TIH and isolate the hole with a packer. If the PT passes contact the engineer for further instructions.
8. TIH w/ cement retainer and set 50' above the hole in the casing. Attempt to establish circulation to surface with water. Report results of pressure/rate test and circulation to engineer.
9. Contact regulatory NMOCD and BLM at least 24 hours prior to cement squeeze. Pump cement at rate and pressure as determined from above results. Make sure that backside is loaded with water, and maintain 300-500 psi on the backside while pumping to avoid collapse of old casing. Monitor the casing valve pressure while pumping.
10. Pump at least 100% excess cement or more as determined from results of tests in the last step. Once good cement is circulated to surface, close bradenhead and continue pumping. While displacing, monitor pumping pressure at bradenhead carefully to avoid shallow fracturing. If any significant pressure increase is seen during displacement, immediately stop pumping cement, sting out of the retainer and reverse circulate to clean up.
11. If sufficient displacement past retainer was achieved, leave CR in hole to allow cement to set up. If sufficient displacement past retainer was not achieved, sting out of the retainer and reverse circulate to clean up and TOOH.
12. PU bit and TIH to tag TOC. Record tag depth. Drill out CR and cement. Record depth of bottom of cement.
13. Load hole and PT to 500 psi for 30 minutes. PT must be recorded on a 2 hour chart. Notify BLM and OCD.

1000 # MAX SPRING

14. If PT held, circulate hole clean and TIH w/ 5 blade junk mill and mill out CBP. Continue tripping in hole to cleanout to PBTD. TOO H w/ bit.

Inspect the tubing for scale. Contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume. PU and land tubing.

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

**Recommended**

Tubing Drift ID:	1.901"
Land Tubing At:	6425'
Land F-Nipple At:	6424'

Number	Description
1	2-3/8" Mud anchor
1	2-3/8" F nipple (ID 1.78")
~205	2-3/8" tubing joints
As Necessary	Pup Joints
1	2-3/8" Tubing joint

16. Run standing valve, load and pressure test tubing to 1000 psig. Pull standing valve.

17. ND BOP, NU wellhead, blow out expendable check. Make swab run if necessary to kick off well. Notify Lease operator to retun to well production. 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: HOLLOWAY FEDERAL #1E

API/UNH	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
300452582700	NMPM-27N-11W-6-D	DK		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Graded Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,058.00	6,070.00	12.00	6,070.00	6,070.00		

Well Config: Vertical - Main Hole, 4/27/2009 1:58:17 PM

