

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

**RECEIVED****MAR 13 2012**

## Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management

1. Type of Well  
GAS

5. Lease Number  
SF-079962

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

2. Name of Operator

**ConocoPhillips**

3. Address & Phone No. of Operator

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

8. Well Name & Number  
Bloomfield Canyon Federal 1

9. API Well No.

30-045-09045

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

Unit D (NWNW), 1145' FNL & 880' FWL, Section 35, T30N, R11W, NMPM

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

☒ 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 —

**13. Describe Proposed or Completed Operations**

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

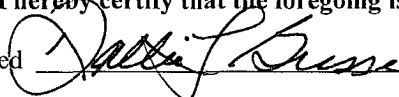
\* Make plug #5 (Charca) an inside outside plug or run a current CBL.

RCVD MAR 19 '12  
OIL CONS. DIV.  
DIST. 3

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

Notify NMOC 24 hrs  
prior to beginning  
operations

Signed



Dollie L. Busse

Title Staff Regulatory Technician

Date 3/13/12

(This space for Federal or State Office use)

APPROVED BY

Original Signed: Stephen Mason

Title

Date

**MAR 14 2012**

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

**NMOC** A

ct

**ConocoPhillips**  
**BLOOMFIELD CANYON FEDERAL 1**  
**Expense - P&A**

Lat 36° 46' 22.793" N

Long 107° 57' 57.6" W

**PROCEDURE**

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

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. 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 water, as necessary, and at least pump tubing capacity of water down tubing. **Expendable check was not pumped off when tubing was run.**
5. ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
6. TOOH with tubing/rods (per pertinent data sheet). LD tubing bailer (if applicable).

Rods:	No	Size:		Length:	
Tubing:	Yes	Size:	2-3/8"	Length:	6621'
Packer:	No	Size:		Depth:	

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. Round trip casing scraper through deepest perforation or as deep as possible.

**All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.**

**7. Plug 1 (Dakota, 6510-6610', 12 Sacks Class B Cement)**

Load casing and circulate well clean. RIH w/ cement retainer and set @ 6610'. Pressure test tubing. Do not pressure test casing, PT of casing failed during remedial 1-10-12. Mix 12 sxs of Class B cement and spot above CR to cover Dakota perforations and top. PUH.

**8. Plug 2 (Gallup, 5740-5840', 12 Sacks Class B Cement)**

Mix 12 sxs of Class B cement and spot a balanced plug to cover the Gallup formation top. PUH.

**9. Plug 3 (Mancos, 4830-4930', 12 Sacks Class B Cement)**

Mix 12 sxs of Class B cement and spot a balanced plug to cover the Mancos formation top. PUH

**10. Plug 4 (Mesa Verde, ~~3843-3943~~<sup>3846 3746</sup> 3943', 12 Sacks Class B Cement)**

Mix 12 sxs of Class B cement and spot a balanced plug to cover the Mesa Verde formation top. PUH.

**11. Plug 5 (Chacra, ~~3484-3284~~<sup>3269 3169</sup> 3284', 12 Sacks Class B Cement)**

Mix 12 sxs of Class B cement and spot a balanced plug to cover the Chacra formation top. PUH.

**12 Plug 6 (Pictured Cliffs, 2202-2302', 12 Sacks Class B Cement)**

Mix 12 sxs of Class B cement and spot a balanced plug to cover the Pictured Cliffs formation top. PUH.

**13. Plug 7 (Fruitland Coal, 1868-1968', 12 Sacks Class B Cement)**

Mix 12 sxs of Class B cement and spot a balanced plug to cover the Fruitland Coal formation top. PUH.

**14. Plug 8 (Ojo Alamo & Kirtland, 795-1037', 23 Sacks Class B Cement)**

Mix 23 sxs of Class B cement and spot a balanced plug to cover the Ojo Alamo & Kirtland formation tops. PUH.

✓ **15. Plug 9 (Casing Shoe to Surface, 0-340', 30 Sacks Class B Cement)**

Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 30 sxs Class B cement and spot a balanced plug from 340' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 340' and the annulus from the squeeze holes to surface. Shut in well and WOC.

16. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

# Current Schematic

ConocoPhillips

Well Name: BLOOMFIELD CANYON FEDERAL #1

API/ UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Completion Type	Edit
3004509045	NMPM-30N-11W-35-D	DK		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB- Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
5,872.00	5,883.00	11.00	5,883.00	5,883.00		

Well Config: Vertical - Original Hole, 2/14/2012 6:46:06 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	From Final
0			
11		Casing cement, 11-290, 3/13/1964	
289		Cement circ to surface	
290		Surface, 8.630in, 8.100in, 11 ftKB, Cmt'd w/ 175 sxs of reg cement and got returns to surface, 290 ftKB	
845		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 11 ftKB, 8,597 ftKB	OJO ALAMO, 845
987		Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 8,597 ftKB, 8,599 ftKB	KIRTLAND, 987
1,918		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 8,599 ftKB, 8,631 ftKB	FRUITLAND, 1,918
2,252		Profile Nipple, 2 3/8in, 8,631 ftKB, 8,631 ftKB	PICTURED CLIFFS, 2,252
2,307		Expendable Check w/ Mule Shoe, 2 3/8in, 8,631 ftKB, 8,632 ftKB	
2,308		Frac'd w/ 35,800 Gallons of slickwater w/ 10,000# 40/60 & 15,000# 20/40 sand	
2,408		Fracture, 4/1/1964, 35,800 G w/ 10,000# 40/60 & 15,000# 20/40	LEWIS, 2,408
3,234		ATP=3700# @ 36 bpm, ISIP=1800#	CHACRA, 3,234
3,805		Not mapped: stimulation.user2 =	
3,836		Water	
3,893		Not mapped: stimulation.user1 =	
3,965		Dakota	CLIFFHOUSE, 3,893
4,545		Frac'd w/ 35,800 Gallons of slickwater and 25,000# 20/40 sand	MENESEE, 3,965
4,833		Fracture, 4/1/1964, 18,800 G w/ 14,000# 20/40 ATP=3850# @ 22 bpm, ISIP=2000#, start flush when rate dropped, no mech isolation	POINT LOOKOUT, 4,545
4,834		from 6773-8810, Attempt to run CIBP, hung up in perfs @ 6736'	
4,880		Attempt to acid & reperforate, found sand @ 6706' - CO sand, found CIBP @ 6747' Re-frac w/ 35,800 G w/ 25,000# 20/40 ATP=3800# @ 35 bpm, ISIP=1800#	MANCOS, 4,880
5,790		Spearhead frac w/ 500 G 15% HCl	GALLUP, 5,790
6,536		Not mapped: stimulation.user2 =	
6,592		Water	GREENHORN, 6,536
6,597		Not mapped: stimulation.user1 =	GRANEROS SHALE, 6,592
6,599		Dakota	
6,631		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 8,719 ftKB, 8,760 ftKB	
6,632		Pin Collar, 2 3/8in, 4.70lbs/ft, J-55, 8,760 ftKB, 8,761 ftKB	DAKOTA, 6,658
6,633		Frac'd w/ 38,300 Gallons of slickwater and 10,000# 40/60 /10,000# 20/40 sand	
6,658		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 8,761 ftKB, 8,792 ftKB	
6,660		Fracture, 3/31/1964, 38,300 G w/ 10,000# 40/60 & 10,000# 20/40 ATP=4000# @ 26 bpm, ISIP=1800#, BD @ 2000#	
6,666		Not mapped: stimulation.user2 =	
6,712		Water	
6,719		Not mapped: stimulation.user1 =	
6,724		Dakota, 6,660-6,666, 4/1/1964	
6,740		Dakota, 6,724-6,740, 4/1/1964	
6,760		Dakota, 6,773-6,810, 3/31/1964	
6,761		Casing cement, 11-6,837, 3/24/1964, DV @ 2310' & 4845'. 1st stg 250sxs, 2nd stg 200sxs, 3rd stg 550sxs	
6,773		CEMENT PLUG, 6,812-6,837, 3/30/1964	
6,792		Production 1, 4 1/2in, 4.000in, 11 ftKB, Cmt'd in 3 stages. Total of 1000 sxs of cmt., 6,837 ftKB	
6,810			
6,812		PBTD, 6,812, PBTD	
6,836			
6,837		TD, 6,837, 3/24/1964	

# Current Schematic

ConocoPhillips

Well Name: BLOOMFIELD CANYON FEDERAL #1

API: UWI 3004509045	Surface Legal Location NMPM-30N-11W-35-D	Field Name DK	License No.	State Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 5,872.00	Original ILS RT Elevation (ft) 5,883.00	ILS Ground Distance (ft) 11.00	ILS Casing Flange Distance (ft) 5,883.00	ILS Tubing Hanger Distance (ft) 5,883.00		

## Well Config. Vertical - Original Hole, 1/1/2020

ftKB (MD)	Frm Final	Schematic - Actual
0		Casing cement, 11-290, 3/13/1964, Cement circ to surface
289		Surface, 8 5/8in, 8,100in, 11 ftKB
340		Cmt'd w/ 175 sxs of reg cement and got returns to surface, 290 ftKB
845	OJO ALAMO, 845	
1,037	KIRTLAND, 987	
1,918	FRUITLAND, 1,918	
2,202	PICTURED CLIFFS, 2,252	
2,308		
3,184	LEWIS, 2,408	
3,284	CHACRA, 3,234	
3,836		
3,893	CLIFFHOUSE, 3,893	
3,965	POINT LOOKOUT, 4,545	
4,830		
4,834		
4,930	MANCOS, 4,880	
5,790	GALLUP, 5,790	
6,510		
6,592	GRANEROS SHALE, 6,592	
6,599		
6,611		
6,632		
6,658	DAKOTA, 6,658	
6,666		
6,719		
6,740		
6,761		
6,792		
6,812		
6,837		

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 1 Bloomfield Canyon Federal

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Mesaverde plug from 3846' – 3746'.
  - b) Place the Chacra plug from 3269' – 3169'.
  - c) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.