

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 27 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.		5. Lease Serial No. SF-078096
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. Indian, Allottee or Tribe Name
2. Name of Operator ConocoPhillips Company		7. If Unit of CA/Agreement, Name and/or No.
3a. Address PO Box 4289, Farmington, NM 87499		8. Well Name and No. Mudge B 100
3b. Phone No. (include area code) (505) 326-9700		9. API Well No. 30-045-34846
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit N (SESW), 1068' FSL & 2376' FWL, Sec. 21, T31N, R11W		10. Field and Pool or Exploratory Area Basin Fruitland Coal
		11. Country or Parish, State San Juan New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

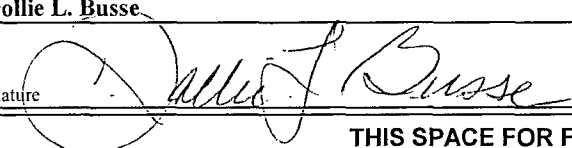
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

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

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD APR 30 '13
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Dollie L. Busse		Title Staff Regulatory Technician
Signature 		Date 2/27/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title APR 24 2013
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to 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
MUDGE B 100
Expense - P&A

Lat 36° 52' 48.601" N

Long 107° 59' 47.17" 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.
5. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.
6. TOOH with tubing (per pertinent data sheet).

Tubing: Yes **Size:** 2-3/8" **Length:** 2,435'

8. PU watermelon mill and 2-3/8" tubing. Round trip watermelon mill to 2,316' or as deep as possible. TOOH and LD watermelon mill.

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.

9. Plug 1 (Pictured Cliffs, 2452-2517', 9 Sacks Class B Cement)

Load 4-1/2" casing and pressure test tubing to 1000 psi. Mix 9 sx Class B cement and spot balance plug inside casing to isolate the Pictured Cliffs formation top. POOH

10. Plug 2 (Fruitland Coal Perforations and Formation Top, 1783-2316', 45 Sacks Class B Cement)

RIH with CR for 4-1/2" 10.5# J-55 casing and set @ 2,316'. Pressure test casing to 800 psi. If casing does not test, spot and tag subsequent plugs as necessary. Run CBL from 2316' to surface. Contact Production Engineer with results. Mix 45 sx of Class B cement and spot plug inside casing to isolate the Fruitland Coal Perforations and Fruitland Coal Formation Top. PUH.

965 865

11. Plug 3 (Kirtland and Ojo Alamo Formation Tops, ~~711-943'~~ 22 Sacks Class B Cement)

Mix 22 sx Class B cement and spot balance plug inside casing to isolate the Kirtland and Ojo Alamo Formation Tops. PUH.

12. Plug 4 (Surface Casing Shoe and Surface Plug, 0-186', 18 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 18 sx cement and spot a balanced plug inside casing from 186' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 186' and the annulus from the squeeze holes to surface. Shut in well and WOC.

13. 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

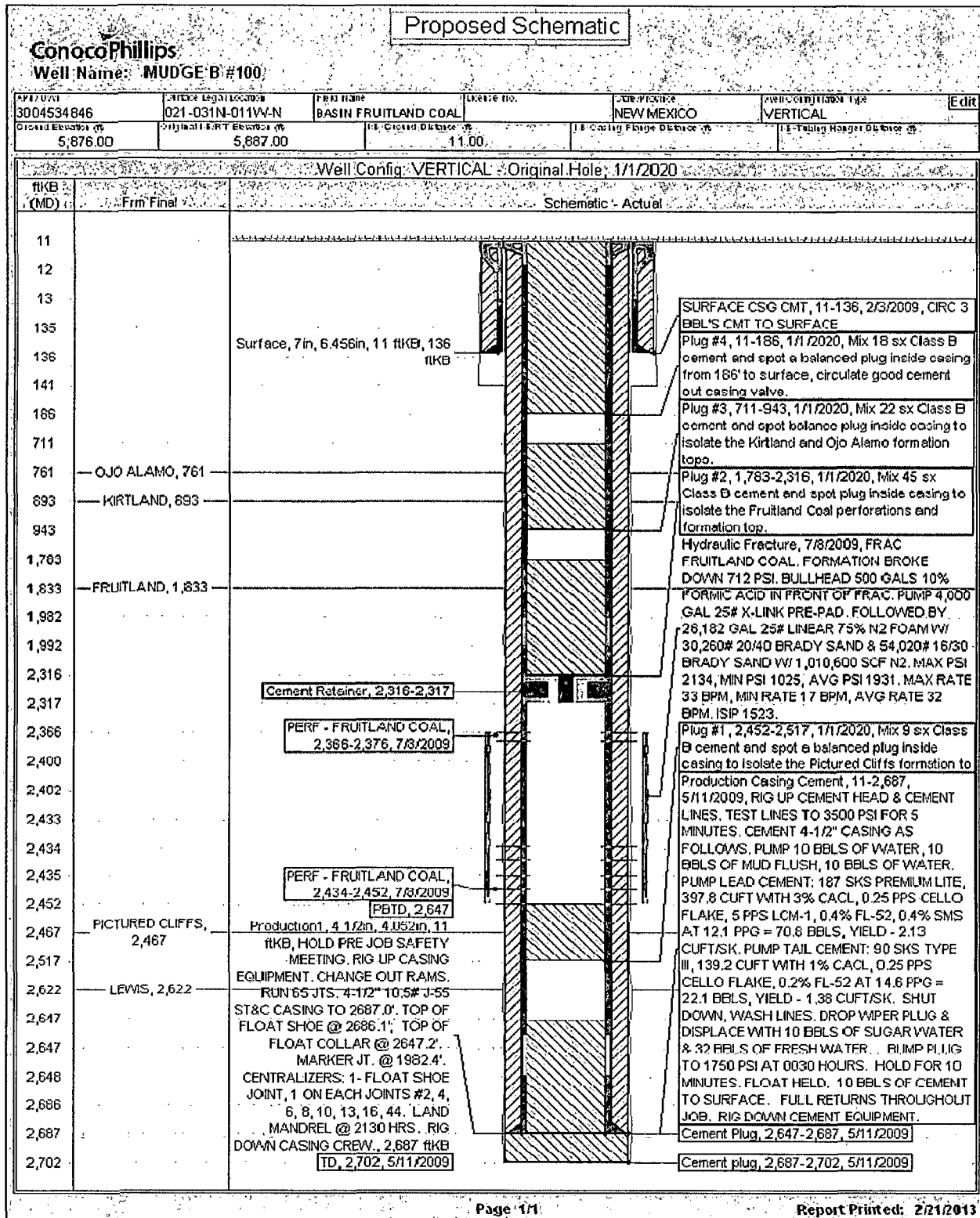
Well Name: MUDGE B #100

API/UNW	State Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004534846	021-031N-011VV-N	BASIN FRUITLAND COAL		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)		
5,876.00	5,887.00	11.00				

Well Config: VERTICAL - Original Hole: 2/26/2013 9:29:25 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
11			
12			
13			
135	135		
136	136	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 11 ftKB, 2,400 ftKB	
141	141	Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 2,400 ftKB, 2,402 ftKB	
761	761	Hydraulic Fracture, 7/8/2009, FRAC FRUITLAND COAL.	OJO ALAMO, 761
893	893	FORMATION BROKE DOWN 712 PSI. BULLHEAD 500 GALS 10% FORMIC ACID IN FRONT OF FRAC. PUMP 4,000 GAL 25# X-LINK PRE-PAD. FOLLOWED BY 26,182 GAL 25# LINEAR 75% N2 FOAM W/ 30,260# 20/40 BRADY SAND & 54,020# 16/30 BRADY SAND W/ 1,010,600 SCF N2. MAX PSI 2134, MIN PSI 1025, AVG PSI 1931. MAX RATE 33 BPM, MIN RATE 17 BPM, AVG RATE 32 BPM. ISIP 1523.	KIRTLAND, 893
1,833	1,833	PERF - FRUITLAND COAL, 2,366-2,376, 7/8/2009	FRUITLAND, 1,833
1,982	1,982	PERF - FRUITLAND COAL, 2,434-2,452, 7/8/2009	
1,992	1,992	Production Casing Cement, 11-2,687, 5/11/2009, RIG UP CEMENT HEAD & CEMENT LINES. TEST LINES TO 3500 PSI FOR 5 MINUTES. CEMENT 4-1/2" CASING AS FOLLOWS. PUMP 10 BBLS OF WATER, 10 BBLS OF MUD FLUSH, 10 BBLS OF WATER. PUMP LEAD CEMENT: 187 SKS PREMIUM LITE, 397.6 CUFT WITH 3% CACL, 0.25 PPS CELLO FLAKE, 5 PPS LCM-1, 0.4% FL-52, 0.4% SMS AT 12.1 PPG = 70.8 BBLS, YIELD - 2.13 CUFT/SK. PUMP TAIL CEMENT: 90 SKS TYPE III, 139.2 CUFT WITH 1% CACL, 0.25 PPS CELLO FLAKE, 0.2% FL-52 AT 14.6 PPG = 22.1 BBLS, YIELD - 1.38 CUFT/SK. SHUT DOWN, WASH LINES. DROP WAPER PLUG & DISPLACE WITH 10 BBLS OF SUGAR WATER & 32 BBLS OF FRESH WATER. BUMP PLUG TO 1750 PSI AT 0030 HOURS. HOLD FOR 10 MINUTES. FLOAT HELD. 10 BBLS OF CEMENT TO SURFACE. FULL RETURNS THROUGHOUT JOB. RIG DOWN CEMENT EQUIPMENT.	
2,366	2,366		
2,376	2,376		
2,400	2,400		
2,402	2,401	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 2,402 ftKB, 2,433 ftKB	
2,433	2,433	1.78 F NIPPLE, 2 3/8in, 4.70lbs/ft, J-55, 2,433 ftKB, 2,434 ftKB	
2,434	2,434	Mule Shoe/X-CHECK, 2 3/8in, 4.70lbs/ft, J-55, 2,434 ftKB, 2,435 ftKB	
2,435	2,434		
2,452	2,452		
2,467	2,466		PICTURED CLIFFS, 2,467
2,622	2,621		LEWIS, 2,622
2,647	2,646	PBTD, 2,647	
2,647	2,647		
2,648	2,647		
2,686	2,685		
2,687	2,686		
2,702		TD, 2,702, 5/11/2009	
		Cement plug, 2,687-2,702, 5/11/2009	

Proposed Schematic



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: 100 Mudge B

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 Kirtland plug from 965' - 865'.

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.