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Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERION 28 2012 BUREAU OF LAND MANAGEMENT

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

	_	Farmington Fiel		5. Lease Serial No	SF-078097	
SUN	DRY NOTICES AND REPO	6 If Indian, Allottee or Tribe	Name			
	this form for proposals to					
abandoned	well. Use Form 3160-3 (AP	D) for such propo	sals.			
	BMIT IN TRIPLICATE - Other instru	ctions on page 2.		7 If Unit of CA/Agreement, 1	Name and/or No	
1. Type of Well	J 🖂					
Oil Well X	Gas Well Other			8 Well Name and No.	vwell R 100	
2, Name of Operator				Maxwell B 100  9. API Well No		
	ConocoPhillips Compan	<u></u>		30-045-34884		
3a Address	Phone No (include area	•	10 Field and Pool or Exploratory Area			
PO Box 4289, Farmingto	(505) 326-97			Fruitland Coal		
4 Location of Well (Footage, Sec., T.,R.  Surface Unit I (NE	.,M., or Survey Description) ESE), 2317' FSL & 670' FEL,	, Sec. 29, T31N, R <sup>,</sup>	11W	11. Country or Parish, State San Juan	, New Mexico	
12. CHECK T	HE APPROPRIATE BOX(ES) T	O INDICATE NATUR	E OF NO	TICE, REPORT OR OTH	HER DATA	
TYPE OF SUBMISSION		TYP	E OF AC	TION		
X Notice of Intent	Acidize	Deepen	P	roduction (Start/Resume)	Water Shut-Off	
	Alter Casing	Fracture Treat	R	eclamation	Well Integrity	
Subsequent Report	Casing Repair	New Construction	R	ecomplete	Other	
BF	Change Plans	X Plug and Abandon	Т	emporarily Abandon		
Final Abandonment Notice	Convert to Injection	Plug Back	w	/ater Disposal		
determined that the site is ready for  ConocoPhillips requests schematic.	s permission to P&A the su	ubject well per the	Notify N	MOCD 24 hrs b beginning erations		
					CCVD JUL 5'12	
				į	DIL CONS. DIV.	
					DIST. 3	
14. I hereby certify that the foregoing is	true and correct Name (Printed/Typed)	) [				
Dollie L. Busse	Title Staf	f Regulat	ory Technician			
Signature	I Busse	Date	6/2	3/12		
	THIS SPACE FOR	FEDERAL OR ST	ATE OFF	ICE USE		
Approved by						
Original		Title		Date JUN 2 9 2012		
Conditions of approval, if any, are attach that the applicant holds legal or equitable entitle the applicant to conduct operation	e title to those rights in the subject lease		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

#### ConocoPhillips MAXWELL B 100 Expense - P&A

Lat 36° 52' 8.893" N

Long 108° 0' 24.322" 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. Function/pressure test BOP. PU and remove tubing hanger.
- 6. TOOH with tubing per (pertinent data sheet). .

Tubing: Yes Size: 2-3/8" Length: 2459'

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. TIH with 4-1/2" casing scraper and run to 2200'. POOH.
- 8. Plug 1 (Fruitland Coal Perforations and Fruitland Coal Formation Top, 2000-2150', 16 Sacks Class B Cement)

RIH and set CR for 4-1/2" 10.5# J-55 casing at 2150'. Load casing and circulate clean. Pressure test tubing to 1000 psi. Pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 16 sx of Class B cement and spot plug inside casing above the CR to isolate the perforations and Fruitland Formation Top. PUH

998 752-

9. Plug 2 (Kirtland and Ojo Alamo Formation Tops, 734-966', 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 Top. PUH

10. Plug 3 (Surfare Casing Shoe and Surface Plug, 0-182', 18 Sacks Class B Cement)

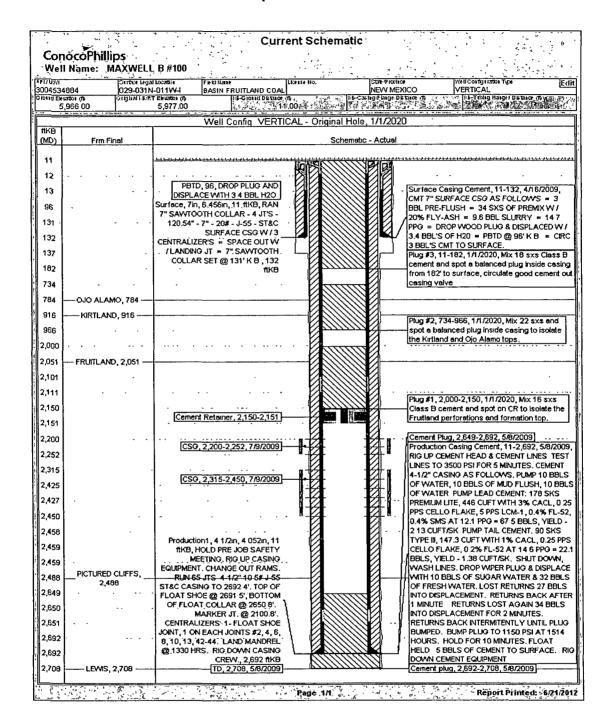
Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 18 sx cement and spot a balanced plug inside casing from 182' to surface, circulate good cement out casing valve. TOH and 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 182' and the annulus from the squeeze holes to surface. Shut in well and WOC.

11. 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.

<b>៊ី//ប៊ីកា</b> 00453	34884 029-031N-011W-I BASIN FRUITLAND COAL N	ate A food to the configuration Type  EW MEXICO VERTICAL							
	Existion (b) Grighal (4.84) Existion (b) (4.6-Ground Distance (b)), (4.6-Gring) (4.6-Gring								
Well Config: VERTICAL - Original Hole, 5/24/2012 9 57 16 AM									
ftKB (MD)	Schemetic - Actual	Frm Final							
11 12 13 96 131 132 137 784 916	PBTD, 95, DROP PLUG AND  DISPLACE WITH 3 4 BBL H20  Tubing, 2 3/8/in, 4 70ibs/fr, J-55,  11 flkB, 2,425 flkB  Hydrauhc Fracture, 7/8/2009, FRAC UPPER FRUITLAND COAL FORMATION BROKE DOWN 606 PSI BULLHEAD 500 GALS 10% FORMIC ACID IN FRONT OF FRAC. PUMP 4,000 GAL 25# X-LINK PRE-PAD FOLLOWED BY 22,376 GAL 25# LINEAR 75% N2 FOAM W/21,279# 20/40 BRADY SAND W/1,233,900 SCF N2. MAX PSI 2218, MIN PSI 1490, AVG PSI 2107 MAX RATE 34 BPM, MIN RATE 17 BPM, AVG RATE 32 BPM ISP 1713. Hydraulic Fracture, 7/8/2009, FRAC COWER FRUITLAND COAL FORMATION BROKE DOWN 606 PSI BULLHEAD 500 GALS 10% FORMIC ACID IN FRONT OF FRAC PUMP 4,000 GAL 25# X-LINK PRE-PAD FOLLOWED BY 47,114 GAL 25# LINEAR 75% N2 FOAM W/2,348,900 SCF N2. MAX PSI 24 96,436# 16/30 BRADY SAND W/2,348,900 SCF N2. MAX PSI 25 96,436# 16/30 BRADY SAND W/2,348,900 SCF N2. MAX PSI 26 19 10 10 10 10 10 10 10 10 10 10 10 10 10	bs/ft, J-55, 11 ff/kB, 132 OOTH COLLAR - 4 JTS - J-55 - ST&C SURFACE LIZERS = SPACE OUT W SAWTOOTH COLLAR  mert, 11-132, 4/16/2009, S9 AS FOLLOWS = 3 34 SXS OF PREMIX W/ 16 BBL SLURRY = 14.7 D PLUG & DISPLACED W / = PBTD @ 96 K.B = TO SURFACE. 7/8/2009] 7/8/2009] -2,692, 5/8/2009							
2,425 2,427	5 RATE 17 BPM, AVG RATE 32 DOWN, WASH LINE BPM ISIP 1094 DISPLACE WITH 10	S. DROP WIPER PLUG &							
2,450	4 70lbs/ft, J-55, 2,425 ftKB, 2,427 ftKB  Tubing, 2 3/6in, 4 70lbs/ft, J-55, 2,427 ftKB  Tubing, 2 3/6in, 4 70lbs/ft, J-55, 8/75 ftKB	INTO DISPLACEMENT. TER! MINUTE. RETURNS BIS INTO DISPLACEMENT ETURNS BACK							
2,458 2,459	1 78 F-NIPPLE, 2 3/8in, 4 70lbs/ft, J-55, 2,458 ftkB, 2,459 ftkB	ITIL PLUG BUMPED, BUMP AT 1514 HOURS, HOLD LOAT HELD, 5 BBLS OF							
2,459	9 4 70lbs/ft, J-55, 2,459 ftKB, 2,459 ftKB CEMENT TO SURFA	CE. RIG DOWN CEMENT							
2,488	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n, 10 50lbs/ft, J-55, 11 OLD PRE JOB SAFETY A SING FOURDMENT							
2,650	CHANGE OUT RAM	ASING EQUIPMENT. IS. RUN 65 JTS 4-1/2" ASING TO 2692.4'. TOP OF							
2,651	FLOAT SHOE @ 26 COLLAR @ 2650 8	S91.5', BOTTOM OF FLOAT '. MARKER JT @ 2100 8'							
2,692 2,692	ON EACH JOINTS #	- FLOAT SHOE JOINT, 1 12, 4, 6, 8, 10, 13, 42-44 2, 1330 HRS. RIO DOWN							
708	CASING CREW	ì							

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#### **Proposed Schematic**



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

Attachmei	nt i	to	noti	се	of
Intention t	0 /	٩h	and	on	

Re: Permanent Abandonment

Well: 100 Maxwell 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/Ojo Alamo plug from 998' 752'.

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.