Form 3160-5 (April 2004)

UNITED STATES

RECEIVE

DEPARTMENT OF THE INTERIOR

OM B No 1004-0137 Expires: March 31, 2007 11AY 03 ZUTÚ BUREAU OF LAND MANAGEMENT 5. Lease Serial No. SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT/IN TRIPLICATE- Other instructions on reverse side. Gas Well Other 8. Well Name and No. Eilliams #3 2. Name of Operator ConocoPhillips Company Attn: Donna Williams 9. API Well No. 30-025-01410 3b. Phone No. (include area code) P.O. Box 51810 Midland, TX 79710-1810 432-688-6884 10. Field and Pool, or Exploratory Area Corbin Abo 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11 County or Parish, State E-34-17-S 33-E- 2308 FNL 660 FWL -Lea Co, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deenen Production (Start/Resume) Water Shut-Off Notice of Intent Alter Casing Well Integrity Fracture Treat Reclamation Casing Repair Subsequent Report New Construction Recomplete Change Plans Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back 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 recomplete 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 shall be filed within 30 days

OCD-HOBBS

- following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)
 - 1) Set 4" CIBP @ 8,400'
 - 2) Tbg to 8,400' Circ hole w/ MLF. Cap w/ 25sx H cmt.
 - 3) PUH to 5,867' Spot 20sx cmt
 - 4) Perf & Sqz 60sx cmt @ 4,550'-4,450'
 - 5) Perf & Sqz 60sx cmt @ 3,865'-3,765' Tag
 - 6) Perf & Sqz 60sx cmt @ 1,575'-1,475'
 - 7) Perf & Sqz 75sx cmt @ 400'-300' Tag
 - 8) Spot 20sx cmt @ 60'-3'

SEE ATTACHED FOR CONDITIONS OF APPROVAL

RECLAMATION PROCEDURE ATTACHED

 I hereby certify that the foregoing is true and correct Name (Printed/Typed) 							
GARY EGGLESTON	Title P&A SUPERVISOR						
Signature hay fully	Date 04-14	- 10 pio Donno della	Harry SA				
THIS SPACE FOR FEDERAL	OR STATE O						
Approved by A A Man Lah CG 5	4/ Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not war and certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.	t/or	APR 2 8 2010 1 2 2 2 2 2 2 2 2 2					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious or fraudulent statements or representations as to any matter	person knowingly and within its jurisdiction	will BUREAU OF LAND MANAGENED OF CARLSBAD FIELD OFFICE	the United				

ConocoPhillips Company NMLC-801: Eilliams #3 API: 30-025-01410 Lea County, New Mexico

RE: Plugging and Abandonment Requirements, Conditions of Approval

H2S monitoring equipment to be on location.

- 1. Move CIPB to +/- 8490'.
- 2. Tag CIBP with tubing to verify depth before pumping. Pump enough cement to make the top of the plug at 8090' or shallower Otherwise OK (Perfs Abo)
- 3. Move plug to 6210'-6050'. Plug to be a minimum 25sx. (Glorietta)
- 4. Move plug to 4650'-4500'. WOC and tag at 4500' or shallower. (Casing Shoe)
- 5. Move plug to 2790'-2660'. WOC and tag at 2660' or shallower. (Yates BOS)
- 6. Move plug to 1650'-1530'. WOC and tag at 1530' or shallower. (TOS)
- 7. Move plug to 410'-310'. Squeeze to be in both 5-1/2"x8-5/8" annulus and 8-5/8"x13-3/8" annulus. WOC and tag at 310' or shallower. (Casing shoe)
- 8. Surface plug requires perforating. Cement from 60'-3' in 8-5/8"x13-3/8" annulus, 5-1/2"x8-5/8" annulus, and in 4" liner. Verify that all annuluses have cement to surface and fill in as required Otherwise OK (Surface)
- 9. Submit a subsequent report to the BLM.

See attached standard COAs.

DHW 042810

WELLBORE SKETCH ConocoPhillips Company -- Permian Basin Business Unit

	DF @	4107'		Cubarca		Duekere			
	GL @	4095'		Subarea Lease & Weli No		Buckeye Eilliams No. 3			
			47.40011-1-	Legal Description County	١.	2308' FNL & 660' FWL, Sec Lea State	34, T17S, R33 New Mexico		
			17-1/2" Hole	Field:		Corbin Abo			
			13 3/8" 48# H-40 @ 358' Cmt'd w/ 350 sx, circ	Date Spudded API Number		12/4/60 Releas 30-025-01410	<u>se</u> Rig [·] 1/16	/61	
			TOC @ Surface	Status		00020-01410			
			TOC 8/5/8" Csg @ 1000' (T.S.)	Stimulation Hist	tory:				
	_			Interval	Date	Type Gals		lax <u>ress</u> <u>ISIF</u>	Max Rate Down
	-1-2-		Top of Salt @ 1525'		1/21/61	Perf Abo Reef w/ 2 JSPF @ 88	55_8682 & 868	9-8769 214	1 holes
			100 01 0211 @ 1020	8655-8769	1/24/61	15% Regular Acid 1,000	4	500 285	0 2.7
				8655-8769	3/7/72 9/23/75	20% Acid 1,000 Perf Abo w/2 JSPF @ 8597-86			1.5 47, 61 holes
				8597-8647	9/24/75	15% NE HCI 6,000	1	300	5.5
					1/31/84 2/7/84	Tag collapsed csg @ 2110', swe Sqz @ 1988 w/ 100 sx class C		2'	
		<u> </u>			2/8/84	Re-squeeze w/ 4000 gals Flo-ci		Class H cm	nt @ 1988'
		12 1			2/16/84 2/17/84	Drill out cement to 2136' Squeeze @ 2136' - 1916' w/ 25	sx. drill out cer	nent to 2140	o'
					2/23/84	Sqz csg leak 2110-2136 w/ 1,50			
					2/29/84	Drill out cement to 2136' Sqz 1970-2136 w/ 450 sx ceme	nt & 2000 gals	Flo-Chek	
					3/2/84	Drill out cmt & retainer to 6000'	··· 3		
	ş: J	10 h			3/12/84 3/12/84	•	0 sx POZmıx "l	d" cmt. circu	ulate
	y P				3/16/84	Drill out CIBP @ 8550'			
			Base of Salt @ 3815'	8597-8769	3/28/84 6/12/06	15% NEFE HCI 5,000 Cleanout fill to 8782'	2	300 Vac	35
	A CA					15% HCI Double Inhibited Acid	500 gals		
	T S		11" Hole						
			8-5//8" 32# J-55 & H-40 & 24# J-55 @ 4598'						
			Cmt'd w/ 722 sx TOC @1000' (T S)						
			• ,						
		\$ 1							
	#.A.	3.							
	÷ ÷		TOC 5-1/2" Csg @ 5862' (T.S.)						
	- 15								
	V V V	4 1997 5 PEG							
	367	55. 2. 96.65 58. 65							
	7.85								>
	7.4								
	43								
	and the second	****	4" 11.3# J-55 LINER @ 8499'						
		and the second	Cmt'd w/ 400 sx, circ 34 sx						
			TOC @ Surface						
			Also Book						
	==		<u>Abo Reef</u> 8597' - 8610'			Formation Tops:			
	==	==	8624' - 8627'			Rustler	1415		
	==	==	8634' - 8647' 8655' - 8682'			Yates Queen	2740 3745		
	==	==	8689' - 8769'			Grayburg	4190)'	
		3.00				San Andres D Glorieta	4480 6158		
	7.7								
	7. 7. 7.	*** A. C. 25	7-7/8" Hole			Clearfork	6439		
	PBTD	8813'	7-7/8" Hole 5-1/2" 17#, 15.5# & 14# N-80 & J-55 @ 8829' Cmt'd w/ 349 sx			Clearfork Tubb / SD / Abo / SH /	6439 6920 8140)'	

WELLBORE SKETCH ConocoPhillips Company -- Permian Basin Business Unit

Date February 8, 2010 RKB@ 4107 DF@ 4106' GL @ 4095 Subarea: Buckeye Lease & Well No -Eilliams No. 3 20sx cmt @ 60'-3' Legal Description: 2308' FNL & 660' FWL, Sec. 34, T17S, R33E 17-1/2" Hole County State New Mexico Corbin Abo (4) Perf & Sqz 75sx cmt @ 400'-300' - Tag Field: 13 3/8" 48# H-40 @ 358' Date Spudded 12/4/60 Release Rig 1/16/61 Cmt'd w/ 350 sx. circ API Number : 30-025-01410 TOC @ Surface Status TOC 8/5/8" Csg @ 1000' (T.S.) Stimulation History: Lbs. Max Max <u>Interval</u> <u>Date</u> Type Gals Sand Press ISIP Rate Down Top of Salt @ 1525' 1/21/61 Perf Abo Reef w/ 2 JSPF @ 8655-8682 & 8689-8769, 214 holes 8655-8769 Perf & Sqz 60sx cmt @ 1575'-1475' 1/24/61 15% Regular Acid 1,000 4500 2850 2.7 8655-8769 3/7/72 20% Acid Vac Vac__1.5 1.000 9/23/75 Perf Abo w/2 JSPF @ 8597-8610, 8624-8627 & 8634-8647, 61 holes 8597-8647 9/24/75 15% NE HCI 6,000 1300 1/31/84 Tag collapsed csg @ 2110'; swedge 2110-2132' 2/7/84 Sqz @ 1988 w/ 100 sx class C cement Re-squeeze w/ 4000 gals Flo-chek and 400 sx Class H cmt @ 1988' 2/8/84 2/16/84 Drill out cement to 2136' 2/17/84 Squeeze @ 2136' - 1916' w/ 25 sx; drill out cement to 2140' 2/23/84 Sqz csg leak 2110-2136 w/ 1,500 gals Flo-chek & 300 sx cement 2/29/84 Drill out cement to 2136' Sqz 1970-2136 w/ 450 sx cement & 2000 gals Flo-Chek 3/2/84 Drill out cmt & retainer to 6000' 3/12/84 Set 5 1/2" CIBP @ 8550' 3/12/84 Set 4" Liner @ 8499', cmt w/ 400 sx POZmix "H" cmt, circulate 3/16/84 Drill out CIBP @ 8550' 8597-8769 3/28/84 15% NEFE HCI 5,000 2300 Vac 3 5 Base of Salt @ 3815' 6/12/06 Cleanout fill to 8782' Perf & Sqz 60sx cmt @ 3865'-3765' 4/17/08 15% HCl Double Inhibited Acid 500 gals Perf & Sqz 60sx cmt @ 4550'-4450' 8-5//8" 32# J-55 & H-40 & 24# J-55 @ 4598' Cmt'd w/ 722 sx TOC @1000' (T S.) 20sx cmt @ 5,862'-5,762' TOC 5-1/2" Csg @ 5862' (T.S.) CIBP @ 8,400' w/ 20sx cmt @ 8,400'-8,300' 4" 11.3# J-55 LINER @ 8499' Cmt'd w/ 400 sx, circ 34 sx TOC @ Surface Abo Reef 8597' - 8610' **Formation Tops:** 8624' - 8627' == == Rustler 1415' 8634' - 8647' Yates 2740' 8655' - 8682' Queen 3745 8689' - 8769' Grayburg 4190' San Andres D 4480 Glorieta 6158' 7-7/8" Hole Clearfork 6439' 5-1/2" 17#, 15.5# & 14# N-80 & J-55 @ 8829' Tubb / SD / 6920' PBTD 8813' Cmt'd w/ 349 sx Abo/SH/ 8140' 8829 TOC @5862' (T.S.) TD. Abo Back Reef 8593'

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Any plug that requires a tag will have a minimum WOC time of 4 hours.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified when the wellhead is cut off to verify that cement is to surface in the casing and all annuluses.** The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.

DHW 112309

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To. 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of
 Operations must include adequate measures for stabilization and reclamation of disturbed lands.
 Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD
 process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Environmental Protection Specialist 575-234-5909, 575-361-2648 (Cell)

Terry Gregston Environmental Protection Specialist 575-234-5958

Bobby Ballard Environmental Protection Specialist 575-234-2230

Randy Rust Environmental Protection Specialist 575-234-5943

Linda Denniston Environmental Protection Specialist 575-234-5974

Jennifer Van Curen Environmental Protection Specialist 575-234-5905

Justin Frye Environmental Protection Specialist 575-234-5922 Cody Layton Natural Resource Specialist 575-234-5959

Trishia Bad Bear Natural Resource Specialist 575-393-3612

Todd Suter Surface Protection Specialist 575-234-5987

Doug Hoag Civil Engineering Technician 575-234-5979