Form 3160-5 (April 2004)

OCD-HOBBS RECEIVED **UNITED STATES**

FORM APPROVED OM B No 1004-013

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT LC 031695B SUNDRY NOTICES AND REPORTS ON WELLS 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. Oil Well Gas Well Other 8 Well Name and No Warren Unit # 22 2 Name of Operator ConocoPhillips Company ATTN: Donna Williams API Well No 30-025-07854 3a. Address 3b Phone No (include area code) P.O. Box 51810 Midland, Texas 79710-1810 432-688-6884 10 Field and Pool, or Exploratory Area Warren McKee 4 Location of Well (Footage, Sec., T, R, M, or Survey Description) 11 County or Parish, State Unit K, 2090' FSL & 2090' FWL, Section 29, T-20-S, R-38-E Lea, New Mexico 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Acidize Water Shut-Off Deepen Production (Start/Resume) Notice of Intent Alter Casing Well Integrity Fracture Treat Reclamation Casing Repair New Construction Recomplete Subsequent Report Change Plans Temporarily Abandon Plug and 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 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) Tag Existing CIBP @ 7565' Circ hole with mud Spot 25sxs cmt @ 6720'-6325 Spot 25sxs cmt @ 5850'-5603' Perf @ 5406' Sqz 40sxs cmt @ 5406'-5306' Woc Tag Perf @ 4048' Sqz 40sxs cmt @ 4048'-3948' Woc Tag Perf @ 2994' Sqz 40sxs cmt @ 2994'-2894' Woc Tag Perf @ 2735' Sqz 40sxs cmt @ 2735'-1489' Woc Tag 2469 Chris Perf @ 1502' Sqz 40sxs cmt @ 1502'-1323' Woc Tag Perf @ 306' Pump 80sxs cmt from 306' to surface BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE SEE ATTACHED FOR RECLAMATION PROCEDURE CONDITIONS OF APPROVAL **ATTACHED** I hereby certify that the foregoing is true and correct Name (Printed/Typed) Larry Winn Title Area Manager, P&A Basic Energy Services 432-530-0907 10/02/2009 Signature Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

PETROLEUM ENGINEER

OCT

Title 18 USC Section 1001 and Title 43 USC 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

WELLBORE SKETCH Proposed ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

Date October 2, 2009

RKB@ 3533 DF@ 3532 Subarea Hobbs Lease & Well No Warren Unit No 22 2090' FSL & 2090' FWL, Sec 29, T20S, R38E, UL "K" Legal Description 13-3/4" Hole County State New Mexico Field Warren McKee Date Spudded 7/12/57 Rel Rig 9/3/57 10-3/4" 32 75# H-40 @ 256' API Number 30-025-07854 Cmt'd w/250 sx, circ Status Lease Serial No. LC-031695B TOC @ Surface Perf @ 306' pump 80sxs cmt from 306' to surface Stimulation History Lbs. Max Max TOC 7-5/8" Csg @ 1375' (T.S.) Interval <u>Date</u> Type Gals Sand Press ISIP Rate Down Top Salt @ 1472' 9/10/57 Perf 8 SPF McKee 8965-9124 (72 holes) select fire, not stimulated Perf @ 1502' Sqz 40sxs cmt @ 1502'-1323' Tag 8965-9124 47,300 128 BS 60,000# 20/40 12,500# 10/20 Lease Oil 6/11/59 6/30/77 Cleanout with sand pump to 9161' 1/15/79 Convert to water injection 3/17/81 Packer would not set above top perfs @ 8965'-8750' indicates w/215' of bad casing 6/8/81 Log indicates possible leak @ 1650', tested OK 6/9/81 Test csg @ 8852', held OK @ 3000# Base Salt @ 2539 5/16/88 Tag fill @ 9037', cleanout to 9161' Perf @ 2735' Sqz 40sxs cmt @ 2735'-2489' Tag 10/24/89 15% HCL NEFE 18 Bbls 8965-9124 Re-Perf 180 deg, 2 JSPF, 8954-60, 8963-70, 8985-9020, 10/25/89 9024-34, 9038-48 & 9052-9079 Perf @ 2994'Sqz 40sxs cmt @ 2994'-2894' Tag 10/26/89 15% HCL NEFE w/CLO2 8954-9124 200 Bbls 2000 1400 20 10/31/01 Set 5-1/2" CIBP @ 8890" 11/1/01 Perf Strawn 7646-7670 7646-7670 11/2/01 20% NEFE 2,000 75 BS 3995 3600 25 11/7/01 Dump 35' cmt on CIBP @ 8890'; TOC @ 8855' Set 5-1/2" CIBP @ 7600', TOC @ 7565' 7-5/8" 24# H-40 & 26.4# N-80 @ 3998' 11/22/06 MIT 540# held for 30 min OK Cmt'd w/700 sx TOC @ 1375' (T S)
Perf @ 4048'Sqz 40sxs cmt @ 4048'-3948' Tag Perf @ 5406' Sqz 40sxs cmt 5406'-5306' Tag TOC 5-1/2" Csg @ 5450' (T.S.) 25sxs cmt @ 5850'-5603' 25sxs cmt 6720'-6325' 5-1/2" CIBP @ 7600'; TOC @ 7565' <u>Strawn</u> 7646-7670 5-1/2" CIBP @ 8890'; TOC @ 8855' McKee 8954-60 8963-73 8985-9020 Formation Tops: 9024-34 9038-48 9052-79 Rustler 1373 Blinebry 5800 == == 8965-66 8976-77 8998-99 (Re-Perfd) Salado 1472' Tubb 6363' 9025-26 9035-36 9049-50 Base Salt 2539' Drinkard 6670' 9071-72 9108-09 9123-24 (original Perfs) Yates 2685' Abo 6956' 2944 7 Rivers Devonian 7760' 5-1/2" 17# N-80, 17# J-55 & 15.5# J-55 @ 9195' Queen 3517 McKee 8875 Cmt'd w/230 sx 3861 McKee Pav Gravburg 8948' PBTD TOC @ 5450' (TS) 7565 Glorieta 5356 9201 TD

WELLBORE SKETCH ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

									Date _	Octobe	r 2, 2009		
RKB @ DF @		_											
GL @				Subarea			Hobbs						
				Lease & Wel		_	Warren Unit	F144 0	No 22	D205	1.11 19120		
6851	1.1	250	42 2/48 Hala	Legal Descri	ption	Lea 20	090' FSL & 2090'	State	29, 1208 New Me		ULK		
			13-3/4" Hole	County Field			Varren McKee	Clate	IACAN MIC	5,100			
				Date Spudde	ed		/12/57	Rel Rig	9	/3/57			
12-ma			10-3/4" 32.75# H-40 @ 256'	API Number		30	0-025-07854						
		1	Cmt'd w/250 sx, circ TOC @ Surface	Status			Lea	se Serial I	No. L	C-03169	5B		
				Stimulation	History:								
23			TOC 7-5/8" Csg @ 1375' (T.S.)	Interval	<u>Date</u>		<u>Түре</u>	Gals	Lbs. <u>Sand</u>	Max <u>Press</u>	<u>ISIP</u>	Max <u>Rate</u>	Down
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					6/30/77		with sand pump t					·	
E					1/15/79		to water injection		~ ~~~				
					3/17/81		ould not set abov	e top perfs	@ 8965'	-8750' ind	dicates		
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	22				6/9/81	•	@ 8852', held OK	_					
XX	2		Base Salt @ 2539'		5/16/88		9037', cleanout t						
				8965-9124	10/24/89	15% HCL	₋ NEFE 180 deg, 2 JSPF,	18 Bbls	062.70	909E 003	20		
					10/25/89		180 deg, 2 JSPF, 9038-48 & 9052-		903-70,	0903-902	ω,		
				8954-9124	10/26/89	-	NEFE w/CLO2	200 Bbls	;	2000	1400	20	
22					10/31/01		?" CIBP @ 8890'						
				7040 7070	11/1/01	Perf Stra 20% NEF	ıwn 7646-7670	2,000	75 DC	3995	3600	25	
				7646-7670	11/2/01 11/7/01		-∟ 5'cmton CIBP @				3000	2.5	
	58 58		9-7/8" Hole				" CIBP @ 7600';						
			7-5/8" 24# H-40 & 26.4# N-80 @ 3998'		11/22/06	MIT 540#	held for 30 min	ок					
			Cmt'd w/700 sx										
			TOC @ 1375' (T S)										
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	$\geq \leq$		5-1/2" CIBP @ 8890'; TOC @ 8855'				_						
			McKee 9063 73 9096 0030				Formation Top		DI	sho.	-	200	
==	==		8954-60 8963-73 8985-9020 9024-34 9038-48 9052-79				Rustler Salado	1373' 1472'	Bline Tubl			800 363'	
==	==		8965-66 8976-77 8998-99 (Re-Perfd)				Base Salt	2539	Drin			670'	
==	==		9025-26 9035-36 9049-50				Yates	2685	Abo			956'	
== 	EE		9071-72 9108-09 9123-24 (original Perfs) 6-3/4" Hole				7 Rivers Queen	2944' 3517'	Devo McK			760' 875'	
	5)2		5-1/2" 17# N-80, 17# J-55 & 15.5# J-55 @ 9195'				Grayburg	3861'		ee ee Pay		948'	
PBTD	7565'		Cmt'd w/230 sx				Glorieta	5356'		-,	Ū		
TC	9201'		TOC @ 5450' (T S)										

Warren Unit 22 30-025-07854 Conoco Phillips Company October 7, 2009 Conditions of Approval

Plugging Procedure:

- 1. Plug 1 Spot 25 sxs Class C neat at 7006'. Moved plug to cover top of Abo at 6,956'.
- 2. Plug 2 Spot 25 sxs Class C neat at 5,850'.
- 3. Plug 3 Perf. at 5406' attempt to establish injection rate, if not established set plug 50' below perforations. Squeeze 40 sxs Class C neat. WOC tag plug at 5256' or shallower. Top of Glorietta at 5356'.
- 4. Plug 4 Perf. at 4048' Squeeze 40 sxs Class C neat. WOC tag plug at 3908' or shallower. Intermediate casing shoe at 3998'.
- 5. Plug 5 Perf. at 2994'. Sqz 40 sxs Class C neat. WOC tag at 2864' or shallower. Top of Seven Rivers at 2944'.
- 6. Plug 6 Perf. at 2735'. Sqz 40 sxs Class C neat. WOC tag plug at 2489' or shallower. Top of Yates at 2685' and base of Salt at 2539'. Additional cement may be required to get to the depth provided on the Sundry Notice.
- 7. Plug 7 Perf. at 1522'. Sqz 40 sxs Class C neat. WOC tag plug at 1407' or shallower. Top of Salt at 1472'.
- 8. Plug 8 Perf. at 306'. Pump 80 sxs Class C neat to surface.
- 9. Install dry hole marker

Note: 5-1/2" casing may be pulled from free point at approximately 5450' to surface.

CRW 100709

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 60th 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.

- 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.

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 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.

JDW 072709



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

Interim Reclamation 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.

Interim reclamation consists of minimizing the footprint of disturbance by reclaiming all portions of the well site not needed for production operations. The portions of the cleared well site not needed for operational and safety purposes are recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Sufficient level area remains for setup of a workover rig and to park equipment. Topsoil is respread over areas not needed for all-weather operations. Production facilities should be clustered to maximize the opportunity for interim reclamation. In order to inspect and operate the well or complete workover operations, it may be necessary to drive, park, and operate on restored, interim vegetation within the previously disturbed area. This is generally acceptable provided damage is repaired and reclaimed following use.

To reduce final reclamation costs; maintain healthy, biologically active topsoil; and to minimize habitat, visual, and forage loss during the life of the well, all salvaged topsoil should be spread over the area of interim reclamation, rather than stockpiled.

- 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). Interim reclamation is to be completed within 6 months of well completion.
- 3. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with interim reclamation as per approved APD or Sundry Notice. 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.
- 4. 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.
- 5. 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 there are any questions, please feel free to contact any of the following specialists:

Sim 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