Form 3160-5 (April 2004)

# RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR JAN 19 2010

FORM APPROVED OM B No 1004-0137 Expires. March 31, 2007

# BUREAU OF LAND MANAGEMENT HORRS

5. Lease Senal No

SUNDRY	LC 031695B		
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.			6 If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other instructions on reverse side.			7 If Unit or CA/Agreement, Name and/or No
1 Type of Well Gas Well Other			8 Well Name and No.
2. Name of Operator ConocoPhillips Company ATTN: Donna Williams			Warren Unit 25 W  9. API Well No.
3a. Address 3b. Phone		e No <i>(include area code)</i> . 88-6884	30-025-07858  10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) 990' 2316' E 29 20 38 Unit M, 660' FSL & 660' FWL, Section 27, T-24-S, R-37-E			Warren McKee Simpson  11. County or Parish, State  Lea, New Mexico
	PPROPRIATE BOX(ES) TO INDICAT		EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION		
If the proposal is to deepen dire Attach the Bond under which the	Change Plans Plug and Convert to Injection Plug Bared Operation (clearly state all pertinent details, in incitionally or recomplete horizontally, give subsume work will be performed or provide the Bond	e Treat Reclamation onstruction Recomplete d Abandon Temporarily Ab ck Water Disposal ncluding estimated starting date of ar rface locations and measured and tru No. on file with BLM/BIA. Require	Well Integrity Other  yandon  ny proposed work and approximate duration thereof. e vertical depths of all pertinent markers and zones and subsequent reports shall be filed within 30 days
testing has been completed. Findetermined that the site is ready  Spot 25sxs cmt @ 8971'  Spot 25sxs cmt @ 7830'-75  Spot 30 sxs cmt @ 7018'-6'  Spot 25sxs cmT @ 6437-61  Perf @ 5381' Sqz 40sxs cm  Perf @ 4133' Sqz 50sxs cm  Perf @ 3076' Sqz 50sxs cm  Perf @ 3002' Sqz 40sxs cm  Perf @ 2687' Sqz 50sxs cm  Perf @ 1520' Sqz 50sxs cm  Perf @ 313' Pump 120sxs com  Perf @ 313' Pump 120sxs com	nal Abandonment Notices shall be filed only after for final inspection )  (83' 722 90' It @ 5381'-5281' It @ 4133'-3898' WOC tag It @ 3776'-3477' WOC tag It @ 3002'-2902' WOC tag It @ 2687'-2495' WOC tag	SEE ATTAC	n a new interval, a Form 3160-4 shall be filed once ation, have been completed, and the operator has  HED FOR IS OF APPROVAL
		-	<u>.</u>
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)			
Larry Winn		Title Area Manager, P&A B	sasic Energy Services 432-530-0907
· /// /		** /**	

- Signature Date THIS SPACE FOR FEDERAL OR STATE OFFICE JAN 2 0 2010 Approved by ... Conditions of approval, if any, are attached. Approval of this notice does not warrant or /s/ Dustin Winkler certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon. will BUREALKOE LAND MANAGEMENT of the CARLSBAD FIELD 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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction e United

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

Date \_\_\_October 22, 2009 RKB@ 3526 DF@ 3525 GL @ Subarea Hobbs Lease & Well No. Warren Unit No 25W Legal Description 990' FSL & 2310' FEL, Sec. 29, T20S, R38E, UL "O' 15" Hole County . State New Mexico Field: Warren McKee Date Spudded: 3/4/58 Rel. Rig 4/27/58 10 3/4" 32.5# H-40 ST&C @ 263' API Number 30-025-07858 Cmt'd w/ 250 sx, circ Status TOC @ Surface Lease Serial No. LC-031695B Stimulation History: Lbs. Max Max interval Date <u>Type</u> Gals Sand Press ISIP Rate Down Top Sait @ 1470' TOC 7-5/8" Csg @ 1575' (T.S.) 47/30/58 Perforate McKee 8 JSPF 9030-9132, 112 shots 12/10/58 Sqz perfs 9030-9132 w/ 25 sx Re-perforate McKee w/ 4 JSPF 9024-32, 9053-72, 9092-9106 9024-9106 12/12/58 Lease Oil 10,000 10,000 4100 7/23/66 Run free pt, cut tbg @ 8982' W/O & fish pkr & sinker bar to 9045' Base Salt @ 2545' CO sand from 9045-91061 5/5/79 Cleanout fill from 9054-9145 8/20/79 Convert to injection @ 2000 BWPD @ 0 psi 1/7/80 Communication repaired by resetting tension in on-off tool on top of Lok-Set pkr 9/23/85 Tag fill @ 9029'; cleanout to 9188' 6/7/89 Tag fill @ 9069', cleanout to 9180' 9/21/91 Replace all tubing 6/6/96 Set Lok-Set plug @ 8971'; temporarily abandoned 9-7/8" Hole NOI filed to recomplete to Blinebry/Tubb 10/3/08 7-5/8" 24# H-40 & 26.4# N-80 @ 4000" Cmt'd w/ 3350 sx TOC @ 1575' (T.S.) TOC 5-1/2" Csg @ 5700 (T.S.) Lok-Set Plug @ 8971' Formation Tops: Anhydrite 1375 Blinebry Mkr 5895 McKee Top Salt 1470 Tubb 6387 9024-9032 9053-9072 9092-9106 Yates 2687 Drinkard 6687 9030-9032 9053-9055 9070-9072 9092-9094 7 Rivers 2952 Abo 6968' 9104-9106 9118-9120 9130-9132 -- Sqz'd w/25 sx Queen 3527 Base Abo 7626 Penrose 3626' Devonian 7780' Grayburg 3948' Montova 8466

San Andres

4083'

5376

McKee

McKee Pay

8934

9009

5-1/2" 15.5# J-55, 17# N-80 & 17# J-55 @ 9215'

Cmt'd w/ 675 sx

TOC @ 5700' (T.S.)

PBTD:

8971

9218'

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

RKB@ 3526 3525 DF@ .GL@ 3515 Subarea Hobbs Lease & Well No Warren Unit No 25W Legal Description 990' FSL & 2310' FEL, Sec 29, T20S, R38E, UL "O" 15" Hole County New Mexico Field Warren McKee Simpson Date Spudded. 3/4/58 Rel Rio 4/27/58 10 3/4" 32.5# H-40 ST&C @ 263' API Number 30-025-07858 Cmt'd w/ 250 sx, circ Status: TOC @ Surface Lease Serial No. LC-031695B Perf @ 313' Pump 120sxs cmt To surface Stimulation History: Max Interval <u>Date</u> Туре Gals Sand Press ISIP Rate Down Top Salt @ 1470' TOC 7-5/8" Csg @ 1575' (T.S.) Perf @ 1520' Sqz 50sxs cmt @ 1520'-1325' WOC tag 47/30/58 Perforate McKee 8 JSPF 9030-9132, 112 shots 12/10/58 Sqz perfs 9030-9132 w/ 25 sx Re-perforate McKee w/ 4 JSPF 9024-32, 9053-72, 9092-9106 9024-9106 12/12/58 10,000 10,000 4100 7/23/66 Run free pt, cut tbg @ 8982' Perf @ 2687' Sqz 50sxs cmT @ 2687'-2495' WOC tag W/O & fish pkr & sinker bar to 9045' . Base Salt @ 2545 CO sand from 9045-91061 5/5/79 Cleanout fill from 9054-9145 8/20/79 Convert to injection @ 2000 BWPD @ 0 pśi 1/7/80 Communication repaired by resetting tension in on-off tool Perf @ 3002' Sqz 40sxs Cmt @ 3002'-2902' WOC tag on top of Lok-Set pkr 9/23/85 Tag fill @ 9029'; cleanout to 9188' 6/7/89 Tag fill @ 9069'; cleanout to 9180' 9/21/91 Replace all tubing Perf @ 3776' Sqz 50sxs cmt @ 3776'-3477' WOC tag 6/6/96 Set Lok-Set plug @ 8971'; temporarily abandoned 9-7/8" Hole 10/3/08 NOI filed to recomplete to Blinebry/Tubb 7-5/8" 24# H-40 & 26.4# N-80 @ 4000' Cmt'd w/ 3350 sx TOC @ 1575' (T S ) Perf @ 4133' Sqz 50sxs cmt @ 4133'-3898' WOC tag Perf @ 5381' Sqz 40 Sxs cmt @ 5381'-5281 WOC tag TOC 5-1/2" Csg @ 5700 (T.S.) 25sxs cmt @ 6437'-6190' 30 sxs cmt @ 7018'-6722' See X 25sxs cmt @ 7830'-7583' 25sxs cmt @ 8971'-8724' Lok-Set Plug @ 8971' Formation Tops: Anhydrite 1375 Blinebry Mkr 5895' Top Salt 1470' Tubb 6387 9024-9032 9053-9072 9092-9106 Yates 2687' Drinkard 6687 9030-9032 9053-9055 9070-9072 9092-9094 7 Rivers 2952' Abo 6968 9104-9106 9118-9120 9130-9132 -- Sqz'd w/25 sx Queen 3527 Base Abo 7626' Penrose 3626 Devonian 7780 Grayburg 3948 Montoya 8466 5-1/2" 15.5# J-55, 17# N-80 & 17# J-55 @ 9215" San Andres 4083' McKee 8934 PBTD. 8971 Cmt'd w/ 675 sx Glorieta 5376 McKee Pay 9009 TOC @ 5700' (T.S.)

October 22, 2009

ConocoPhillips Company NMLC-031695-B: Warren Unit #25

API: 30-025-07858 Lea County, New Mexico

RE: Plugging and Abandonment Requirements, Conditions of Approval

H2S monitoring equipment to be on location.

- 1. Tag CIBP first to verify depth Otherwise, OK (Perfs)
- 2. OK (Devonian)
- 3. OK (Abo)
- 4. OK (Tubb)
- 5. Change: Perf and squeeze plug from 5426'-5276' (minimum 25sx). If injection rate cannot be established, spot plug 50' below perfs. WOC and tag at 5276' or shallower. (Glorietta)
- 6. OK (San Andres Casing shoe Grayburg)
- 7. OK (Penrose Queen)
- 8. Tag at 2872' or shallower Otherwise OK (Seven Rivers)
- 9. Change: Perf and squeeze a plug from 2737'-2607' (Minimum 25sx) Otherwise OK (Yates BOS)
- 10. OK (TOS)
- 11. Verify that all annuluses have cement to surface and fill in as required Otherwise OK (Surface)
- 12. Submit a subsequent report to the BLM.

See attached standard COAs.

DHW 010510

#### **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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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



### **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:

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