

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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 reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. LC 031670A
2. Name of Operator ConocoPhillips Company ATTN: Donna Williams		6. If Indian, Allottee or Tribe Name
3a. Address 3303 N "A" St, Bldg 6 #247, Midland, Texas 79705-5406	3b. Phone No. (include area code) 432-688-6884	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2310 FSL & 330 FEL, Unit Letter I, Section 19, T-20-S, R-37-E		8. Well Name and No. SEMU McKee #57W
		9. API Well No. 30-025-07825
		10. Field and Pool, or Exploratory Area Warren McKee
		11. County or Parish, State Lea County, New Mexico

12. CHECK 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 shall 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 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.)

See attached wellbore diagrams & plugging procedure

RECEIVED

MAR 31 2009

HOBBSOCD

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

APPROVED

MAR 22 2009

JAMES A. AMOS
SUPERVISOR-EPS

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Chris Blanton		Title P&A Technician, Basic Energy Services 432.687.1994
Signature 	Date 03/03/2009	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title SUPERVISOR	Date APR 01 2009
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.

(Instructions on page 2)

ConocoPhillips Company
SEMU McKee #57W
API #30-025-07825
Warren McKee Simpson Field
Lea County, New Mexico

Proposed Plugging Procedure

See attached wellbore diagrams for wellbore configuration

Casings: 10³/₄" 32.75# H-40 casing @ 260' cmt'd w/ 250 sx, circulated
7⁵/₈" 24 & 26.4# H-40/N-80 casing @ 4,000' cmt'd w/ 4,000 sx, TOC @ 1,550' by
T.S.
5¹/₂" 15.5 & 17# J-55/N-80 csg @ 9,197' cmt'd w/ 260 sx, TOC @ 5,100' by T.S.

Perforations: 9,166 – 9,174', squeezed w/ 15 sx cmt, TOC 9,160'
9,089 – 9,186'
Loc-Set Plug @ 8,925' w/ 15 sx, TOC @ 8,678'
4,680 – 4,685', squeezed w/ 200 sx
4,100, perforated and squeezed w/ 25 sx cmt, PBTD 3,861'

Tubulars: none

- Verify anchors tested within last two years
- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
- Document daily tailgate safety meetings w/ crews
- Contact NM Digtess minimum 48 hrs prior to move-in
- Observe ConocoPhillips 10 – 2 – 4 work break program

1. Set steel pit and flow down well as needed.
2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
3. RIH w/ 2³/₈" workstring tubing and 5¹/₂" AD-1 packer, tag PBTD @ ~3,861'. RU cementer and displace hole w/ plugging mud. Shut-in wellbore, pressure test casing to 500 psi. PUH w/ packer to 2,300'.
4. RU & test lubricator to 1,500 psi. RIH w/ wireline & perforate 5¹/₂" casing @ 2,597'. POOH w/ wireline. RD lubricator.
5. Load hole w/ plugging mud, set packer and establish injection rate at 1,500 psi or less. Squeeze 30 sx C cmt 2,597 – 2,459' (1.32 ft³/sk yield, 39.6 ft³ slurry volume, calculated fill 138' in 7⁵/₈" 24# casing), displacing w/ mud. PUH w/ tubing to 1,250'.
6. RU & test lubricator to 1,500 psi. RIH w/ wireline & perforate 5¹/₂ & 7⁵/₈" casing @ 1,540', POOH w/ wireline. RD lubricator.

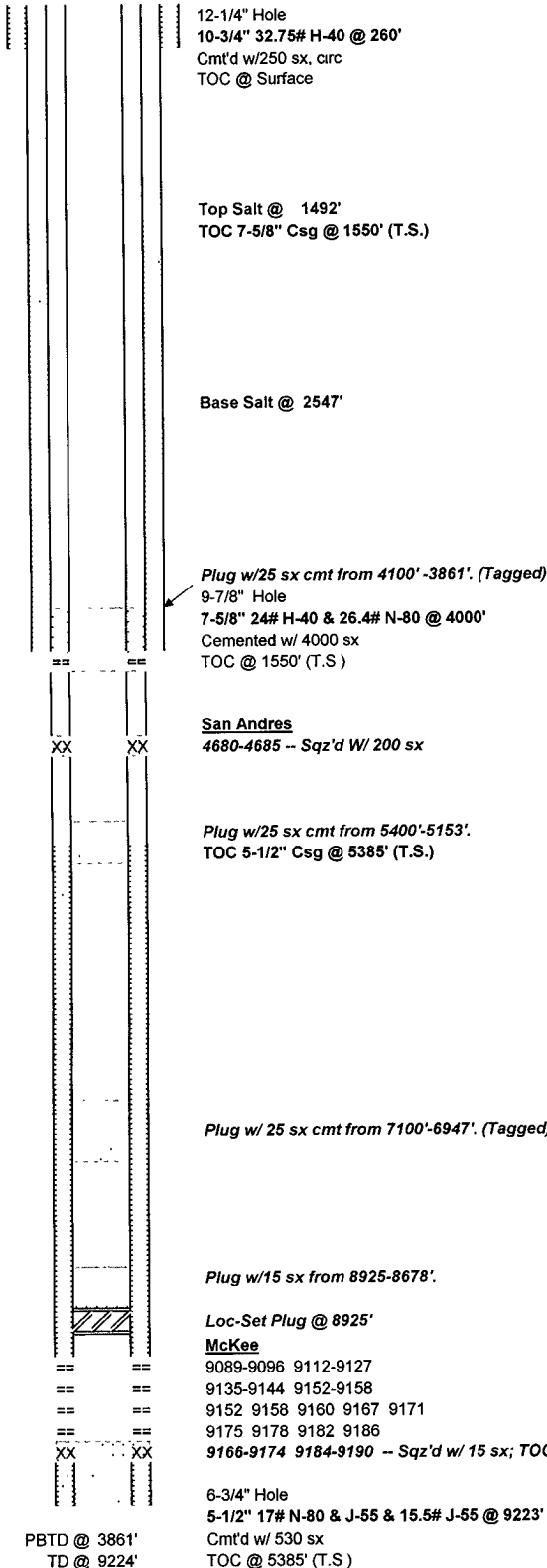
7. Load hole w/ mud, set packer, and establish rate at 1,500 psi or less. Squeeze 45 sx C cmt w/ 2% CaCl_2 1,540 – 1,428' (1.32 ft³/sk yield, 119 ft³ slurry volume, calculated fill 112' in 9 $\frac{7}{8}$ " hole). WOC & tag this plug no lower than 1,440'. POOH w/ packer. **Base of Salt Plug**
8. RU & test lubricator to 1,500 psi as needed. RIH w/ wireline and tag cmt no deeper than 1,440, PUH and perforate 5 $\frac{1}{2}$ & 7 $\frac{5}{8}$ " casing @ 310'. POOH w/ wireline, RD lubricator.
9. RIH w/ packer to 90'. Establish circulation through both 5 $\frac{1}{2}$ x 7 $\frac{5}{8}$ " & 7 $\frac{5}{8}$ x 10 $\frac{3}{4}$ " annuli. POOH w/ packer, ND BOP and NU wellhead. Circulate 155 sx C cmt 310' to surface (1.32 ft³/sk yield, 205 ft³ slurry volume, calculated fill 361' in 10 $\frac{3}{4}$ " 32.75# casing). **surface casing shoe & surface plug**
10. RDMO location.
11. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

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

Date: Dec. 16, 2008

RKB @ 3554'
 DF @ 3553'
 GL @ 3540'

Subarea Hobbs
 Lease & Well No. : SEMU McKee No 57W
 Legal Description : 2310' FSL & 330' FEL, Sec. 19, T20S, R38E, Unit Letter I
 County Lea State : New Mexico
 Field Warren McKee
 Spud 3/9/57 Rig Released 5/3/57
 API Number 30-025-07825
 Status Temporarily Abandoned
 Federal Lease LC-031670 (A)



Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	5/9/57	Perforate 9089-96, 9112-27, 9135-44, 9152-58, 9166-74 and 9184-90 w/ 4 JSPF						
9089-9190	5/20/57	Acid	200					
	5/30/57	Squeeze 9184-90 & 9166-74 w/15 sx cmt						
9089-9158	7/11/57	Lease Crude	6,000	6000				
	10/13/59	Set CIBP @ 9148'						
9089-9144	10/14/59	Frac Sand	40,000	60,000				
	7/1/69	Shut-in						
	5/23/72	Perforate 4680-4685 w/1 jsp						
	6/12/72	Set 5-1/2\" CIBP @ 5400'						
	5/24/77	Swab 285 BW / 10 hrs, water not suitable for McKee WF						
	6/20/78	Squeeze 4680-4685 w/200 sx Class C						
	6/21/78	Drill out CIBP @ 5400' & CIBP @ 9148'						
	6/27/78	CO to 9220'						
	6/28/78	Perforate 9152, 58, 60, 67, 71, 75, 78, 82 and 9186 w/2 jsp						
	7/27/78	Convert to water injection @ 2000 BWPD @ 1050 psi						
	9/1/93	Change lease name from SEMU-Warren McKee to SEMU McKee						
	6/6/96	Set Loc-Set Packer with Plug @ 8925'; circ pkr fluid						
	1/9/02	Set CIBP @ 8925' w/15 sx from 8925-8678'. Set 25 sx cmt from 7100'-6947'. Set 25 sx cmt from 5400'-5153'. Set 25 sx cmt from 4100'-3861'. Performed successful MIT at 580 psi. TA'd 1/15/02 Temporarily Abandoned						

San Andres
 4680-4685 -- Sqz'd W/ 200 sx

Plug w/25 sx cmt from 5400'-5153'.
 TOC 5-1/2\" Csg @ 5385' (T.S.)

Plug w/ 25 sx cmt from 7100'-6947'. (Tagged)

Plug w/15 sx from 8925-8678'.

Loc-Set Plug @ 8925'

McKee
 9089-9096 9112-9127
 9135-9144 9152-9158
 9152 9158 9160 9167 9171
 9175 9178 9182 9186
 9166-9174 9184-9190 -- Sqz'd w/ 15 sx; TOC @ 9160'

6-3/4\" Hole
 5-1/2\" 17# N-80 & J-55 & 15.5# J-55 @ 9223'
 Cmt'd w/ 530 sx
 TOC @ 5385' (T.S.)

Casing Detail
 3713' 17# N-80
 1390' 17# J-55
 4147' 15 5# J-55

Formation Tops:

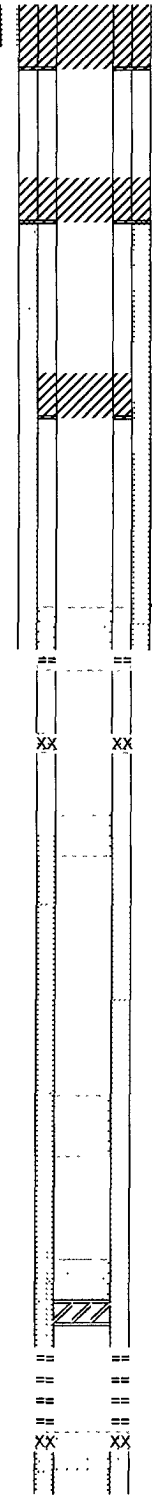
Rustler	1400'	Tubb	6360'
Salado / Top Salt	1492'	Dnnkard	6662'
Tansill / Base Salt	2547'	Abo	6956'
Yates	2693'	Devonian	7846'
7 Rivers	2946'	Fusselman	8178'
Queen	3520'	Montoya	8508'
Grayburg	3838'	Simpson Lime	8720'
San Andres	4038'	Simpson Sd	8795'
Glorieta	5336'	McKee	9008'
Blinberry	5858'	McKee Pay	9075'

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

Date: 5-Mar-09

RKB @ 3554'
 DF @ 3553'
 GL @ 3540'

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 County : Lea State : New Mexico
 Field : Warren McKee
 Spud : 3/9/57 Rig Released : 5/3/57
 API Number : 30-025-07825
 Status : Proposed Plugged
 Federal Lease LC-031670 (A)



12-1/4" Hole
 10-3/4" 32.75# H-40 @ 260'
 Cmt'd w/250 sx, circ
 TOC @ Surface
 Perf & sqz 155 sx C cmt 310' to surface

Top Salt @ 1492'
 Perf & sqz 45 sx C cmt w/ 2% CaCl₂ 1,540 - 1,428' WOC & TAG
 TOC 7-5/8" Csg @ 1550' (T.S.)

Base Salt @ 2547'
 Perf & sqz 30 sx C cmt 2,597 - 2,459'

Plug w/25 sx cmt from 4100'-3861'. (Tagged)
 9-7/8" Hole
 7-5/8" 24# H-40 & 26.4# N-80 @ 4000'
 Cemented w/ 4000 sx
 TOC @ 1550' (T.S.)

San Andres
 4680-4685 -- Sqz'd W/ 200 sx

Plug w/25 sx cmt from 5400'-5153'.
 TOC 5-1/2" Csg @ 5385' (T.S.)

Plug w/ 25 sx cmt from 7100'-6947'. (Tagged)

Plug w/15 sx from 8925-8678'.

Loc-Set Plug @ 8925'
 McKee
 9089-9096 9112-9127
 9135-9144 9152-9158
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 9175 9178 9182 9186
 9166-9174 9184-9190 -- Sqz'd w/ 15 sx; TOC @ 9160'

6-3/4" Hole
 5-1/2" 17# N-80 & J-55 & 15.5# J-55 @ 9223'
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Proposed Plugs



- 1 Tag cmt, circulate hole
- 2 Perf & sqz 30 sx C cmt 2,597 - 2,459'
- 3 Perf & sqz 45 sx C cmt w/ 2% CaCl₂ 1,540 - 1,428' WOC & TAG
- 4 Perf & sqz 155 sx C cmt 310' to surface

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Blinbry	5858'	McKee Pay	9075'

Casing Detail
 3713' 17# N-80
 1390' 17# J-55
 4147' 15 5# J-55

PBTD @ 3861'
 TD @ 9224'

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 ninety (90) 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.

2. **Notification:** 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. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. 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. **Mud Requirement:** 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 water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** 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. **Dry Hole Marker:** 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. **Subsequent Plugging Reporting:** 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. **Trash:** 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 conditions of approval will be developed and furnished to you.