Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

5.	Lease Serial No.	

Sundry noti	CES 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.

•	LC 031670B
i.	If Indian, Allottee or Tribe Name

abandoned we	ell. Use Form 3160-3	(APD) for such pro	posais.			
SUBMIT IN TR	IPLICATE- Other inst	tructions on rever	se side.	7. If Unit or	CA/Agreement, Name and/	or No.
1. Type of Well Oil Well	Gas Well Other			8. Well Nan	71041.D ne and No. McKee #13 /	5/21/08
·	2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale					
3a Address 3303 N "A" St, Bldg 6 #247, M	idland, Texas 79705-5406	3b. Phone No. (include 432-688-6884	area coae)	4	Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., 660 FSL & 1,980 FWL, Unit L		R-38-E	E OF NOTICE, R	11. County of	or Parish, State unty, New Mexico OTHER DATA	
TYPE OF SUBMISSION		TYI	PE OF ACTION			
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction ✓ Plug and Abandon Plug Back	Production (Standard Reclamation Recomplete Temporarily Ab Water Disposal	ŕ	Water Shut-Off Well Integrity Other	
13. Describe Proposed or Complete	ed Operation (clearly state all pert					

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.)

See attached wellbore diagrams and proposed plugging procedure

SEE ATTACHED FOR

CONDITIONS OF APPROVAL

MAY 2 9 2008

HOBBS OCI

APPROVED

MAY 2 5 2008

JAMES A. AMOS SUPERVISOR-EPS

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	,
James F. Newman, P.E.	Title Engineer, Triple N Services, Inc. 432.687.1994
Signature Au	Date 05/17/2008
THIS SPACE FOR FEDERA	AL OR STATE OFFICE USE
Approved by Mus Williams OC DISTRICT SU	PERVS QRAGENERAL MANAGET Date
Conditions of approval, if any, are attached. Approval of this notice does not warr certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	

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

Date: Mar 25, 2008 RKB @ 3554 3553' DF @ Hobbs Subarea: 3543 35' GL@ Lease & Well No. : SEMU McKee No. 13 660' FSL & 1980' FWL, Sec 20, T20S, R38E, Unit Letter N Legal Description: 12-1/4" Hole 10-3/4" 32.75# C @ 264' New Mexico State : County: Lea Cmt'd w/250 sx. circ Warren McKee Simpson Field: TOC @ Surface Rig Released 9/18/51 Spud 7/6/51 30-025-07829 TOC 7-5/8" Csg @ 635' (T.S.) API Number Temporarily Abandoned Status Federal Lease LC-031670 B Drilled as SEMU Burger B-20 No. 1-S Stimulation History: I bs. Max Max ISIP Rate Down Date Type <u>Gals</u> <u>Sand</u> <u>Press</u> Top Salt @ 1,490' Interval Perforate 9100-9114, 56 holes & 9124-9142, 72 holes 9/29/51 1.0 2-1/2" 500 2750 9100-9142 9/30/51 Mud Acid 1.500 9124-9142 10/5/51 Hydrofrac 2,100 4000 Oil 10/6/51 Set plug @ 9119' 9100-9114 10/6/51 Hydrofrac 1.500 10/7/51 Drillout plug @ 9119 & push to 9192' Base Salt @ 2,540 Set BP @ 9092' 10/11/51 9-7/8 Hole Perforate 9058-9084', 4'spf 10/11/51 7-5/8" 24# @ 2849" 1900 1.0 2-1/2" 9058-9084 10/12/51 Mud Acid Cmt'd w/1420 sx 10/14/51 Set plug @ 9045' TOC @ 635' (T.S) 10/14/51 Perforate 8992-9040, 4 spf, 192 holes 2-1/2" 10/14/51 Mud Acid 500 8992-9040 Drill out plug @ 9045' & push to 9090' 10/16/51 Drill out plug @ 9048' & clean out to 9092' 11/3/53 11/6/53 Plugback to 9075' Shut-In 2/1/54 Sandfrac - Oil 3,000 3,000 8992-9075 4/10/54 1/29/71 DO & push CIBP @ 9092' to 9148'; circ hole clean Set CIBP @ 7000' capped w/1 sx cmt 2/2/71 Perforate Drinkard 6780-6888 (select fire) 2/2/71 5100 1600 4 2 2-7/8" 2/3/71 15% LSTNE 2,850 6780-6888 Attempt to saz perfs 6780-6888 w/200 sx cmt - unsuccessful 2/10/71 Sgz perfs 6780-6888 w/150 sacks cement; reverse out 64 sx 2/11/71 Drill out cement to 6868', test sqz to 1000#, OK 2/13/70 Perf 1 JSPF, 6780, 6783, 6818, 6830', 6837 & 6853 TOC 5-1/2" Csg @ 5100' (T.S.) 3650 6780-6853 2/14/71 Acid 1.200 BS 20.200 20.000 4400 2275 12 0 Treated Prod Wfr 6/1/71 Shut-In 1/25/80 Sqz 6780-6853 w/150 sacks cement Drill out cement and CIBP @ 7000',tag up @ 9158' 1/31/80 600 30 8992-9114 12/10/83. 15% HCL NEEE_ _2,100 Sqz Lwr McKee 9100'-9142' w/150 sx Class H 10/28/88 DO Cmt Ret, cmt & CIBP @ 9158'; cleanout to 9180' 11/1/88 Perf McKee 8986-9104', 12 JSPF, 120 degree phasing 11/4/88 11/10/88 Top of Gravel Pack sand @ 8842' 8986-9104 11/10/88 15% HCL NEFE 1,000 18 5,000 1900 05 8992-9104 11/11/88 15% HCL NEFE 11/15/88 Run Temp Survey - fluid going in perfs 8986-9104 CIBP @ 6725' w/35' cmt; TOC @ 6690' 6780 6783 6818 6830 6837 6853 } Sqz'd w/ 150 sx 10/15/97 Set CIBP @ 6725' w/ 35' cmt on top; circ pkr fluid XX Temporarily Abandoned 6877 6879 6882 6888 ΧX 90 Day Extension Granted til June 26th 6780 6783 6818 6830 6837 6853 (2/70) - Sqz'd w/150 sx 3/25/08 XX CIBP @ 7000' w/1 sx cmt - Drld out 1/30/80 Gravel Pack Pkr @ 8677' Gravel Pack 8842'-9120' McKee Notes: Water-Gas Contact @ 6896' 8992-9040 9058-9084 (192 holes) 8986-9104 (1428 holes, 12 JSPF) **Formation Tops:** Lower McKee 1490' B. Permian 7645' Top Salt 9100'-9114' (56 holes); 9124'-9142' (72 holes) - Sqz'd w/150 sx Base Salt 2540' Devonian 7810' CIBP @ 9158'; drilled out (11/88) 2680' Fusselman 7970 Yates CIBP @ 9192' (pushed down from 9119') 2940' 8385 7 Rivers Montoya 6-3/4" Hole 5355' 8660' 5-1/2" 13& & 15.5# J-55 N-80 @ 9197' Gloneta Simpson Tubbs 6347 McKee 8989 PBTD @ 6690 Cmt'd w/260 sacks 6650 TOC @ 5100' (TS) Drinkard TD @ 9198'



ConocoPhillips Company SEMU McKee #13 API #30-025-07829 Warren McKee Simpson Field Lea County, New Mexico

Proposed Plugging Procedure

See attached wellbore diagrams for wellbore configuration

Casings:

103/4" 32.75# casing @ 267' cmt'd w/ 250 sx, circulated

75/8" 24# casing @ 2,849' cmt'd w/ 1,420 sx, TOC @ 635' by T.S.

51/2" 13 & 15.5# J-55/N-80 csg @ 9,197' cmt'd w/ 260 sx, TOC @ 5,100' by T.S.

Perforations: 6,780 - 6,853', squeezed & TA'd w/ CIBP @ 6,725' w/ 35' cmt, PBTD 6,690'

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 (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in

1. Set steel pit and flow down well as needed.

2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.

HAZARDS	EFFECT	SOLUTIONS
Rigging up Plugging Equipment	Injury to Personnel	 Check for overhead obstructions Observe Safety procedures while rigging up JSA
Lifting/Moving heavy equip.	Injury to Personnel	Inspect and use rated chains/slingsProper hook/shackle placement
Static Electricity	Injury to Personnel and Equipmen	Ground Rig to Well-Bore
Н2S	Injury to Personnel	 Monitoring equipment Safety Plan Emergency Contacts All on site H2S Trained

3. RIH w/ 2%" workstring tubing, tag PBTD @ ~6,690'. RU cementer and displace hole w/ 120 bbls plugging mud. PUH w/ tubing to 5,350'.

HAZARDS	EFFECTS	SOLUTIONS
Running tubing	Injury to Personnel, Equipment & Well-Bore	 Proper pipe handling practices check Slips/Tongs/Elevators
Fall from Height	Injury to Personnel	 100% Tie-Off in derrick Platforms w/Rails even consider if less than 4'
Mixing Plugging Mud	Health Hazard	Proper PPERespiratory Protection
High pressure Pumping	Injury to Personnel and Environmental Issues	Establish & Use Safe AreaInspect all hoses/connections



- 4. Load hole w/ plugging mud and pump 25 sx C cmt 5,350 5,097' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5½" 17# casing), displacing w/ mud. POOH w/ tubing.
- 5. RU & test lubricator to 1,500 psi. RIH w/ wireline & perforate 5½" casing @ 2,899'. POOH w/ wireline. RD lubricator.

HAZARDS	EFFECTS	SOLUTIONS		
Fall lanes	Injury to Personnel	Rig-up outside of Anchors, 50' from well- bore		
Static Electricity	Pre-Detonation of Explosives, Injury to Personnel and Equipment	Ground Wireline to well-bore		
Explosive Guns	Injury to Personnel and Equipment	 Ensure there is no power source while assembling wire detonator to wireline first - then to charge 		

6. RIH w/ 5½" AD-1 packer to ~2,500'. Load hole w/ mud, set packer, and establish rate at 1,500 psi or less. Squeeze 90 sx C cmt w/ 2% CaCl₂ 2,899 – 2,458' (1.32 ft³/sk yield, 119 ft³ slurry volume, calculated fill 441' in 75%" 24# casing). WOC & tag this plug no lower than 2,540'. PUH w/ packer to ~ 1,000'. Base of Salt & Intermediate Casing Shoe Plug

HAZARDS	EFFECTS	SOLUTIONS
Mixing CaCl2	Health Hazard Inhalation Chemical bum	Refer to MSDSProper PPE
High pressure Pumping	Injury to Personnel, Equipment and Environmental Issues	 Establish & Use Safe Area Inspect all hoses/connections

- 7. RU & test lubricator to 1,500 psi as needed. RIH w/ wireline and perforate 5½" casing @ 1,490'. POOH w/ wireline, RD lubricator.
- 8. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 35 sx C cmt w/ 2% CaCl₂ 1,490 1,318' (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 172' in 75%' 24# casing). WOC & tag this plug no lower than 1,390'. POOH w/ packer. *Top of Salt Plug*
- 9. RU & test lubricator to 1,500 psi as needed. RIH w/ wireline and perforate 5½" & 75%" casings @ 314'. POOH w/ wireline, RD lubricator.
- 10. RIH w/ packer to 120'. Establish circulation through both 5½ x 7%" & 7% x 10¾" annuli. POOH w/ packer, ND BOP and NU wellhead. Circulate 155 sx C cmt 314' to surface (1.32 ft³/sk yield, 205 ft³ slurry volume, calculated fill 361' in 10¾" 32.75# casing). surface casing shoe & surface plug
- 11. RDMO location.

HAZARDS	EFFECTS	SOLUTIONS
Lowering Derrick	Injury to Personnel & Equipment Pinch points	JSABleed air from raising cylinder
Loose Equipment	Injury to Personnel and Vehicles	 Secure all loose equipment Vehicle Inspections prior to movement

12. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.



HAZARDS	EFFECTS	SOLUTIONS
Explosive Atmospheres	Injury to personnel and Equipment Damage	 Digtess Excavation & Hot Work Permits Monitor Atmosphere
Cutting/Capping Wellhea	Injury to Personnel	Secure wellheadon site helper watching area
Grass/Brush Fires	Injury to Personnel, Equipment & Land	Clear area w/backhoeFire watchEmergency Contacts

PROPOSED PLUGGED WELLBORE SKETCH

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

						Date:_	17-N	lay-08	
RKB @ 3554' DF @ 3553'									
DF @ <u>3553'</u> GL @ 3543.35'		Subarea:		Hobbs					
		Lease & Well N		SEMU McKee	No. 13			** * **	
		Legal Description	on ·	660' FSL & 1980' I	-WL, Sec	20, 1208	, R38E, U	nit Lett	er N
200	10-3/4" 32.75# C @ 264', cmt'd w/ 250 sx, circ	County:		Lea	State ·	New M	exico		
124	Perf/sqz 155 sx C cmt 314' to surface	Field :	Warren M	lcKee Simpson					
		Spud		7/6/51 30-025-07829	Rig Releas	sed 9	/18/51		
78	TOC 7-5/8" Csg @ 635' (T.S.)	API Number Status		PROPOSED PLU	GGED				
		Drilled as SEM	U Burger I	·		l Lease L	.C-031670	В	
		Stimulation Hi	etone						
		<u>Stillulation Fil</u>	story.			Lbs.	Max		Max
200	Top Salt @ 1,490'	Interval	<u>Date</u>	<u>Type</u>	<u>Gals</u>	Sand	Press	<u>ISIP</u>	Rate
	Perf/sqz 35 sx C cmt 1,490 - 1,390' WOC/TAG] ,	9/29/51	Perforate 9100-9114	EE holes	R 012/1	01 <i>4</i> 2 72 h	nlee	
5		9100-9142	9/30/51	Mud Acid	500	0. 5124-	2750	ioles	1.0
		9124-9142	10/5/51	Hydrofrac	1,500				
			10/6/51	Oil Set plug @ 9119'	2,100		4000		
		9100-9114	10/6/51	Hydrofrac	1,500				
	Base Salt @ 2,540'		10/7/51	Drillout plug @ 9119	& push to	9192'			
574	9-7/8 Hole		10/11/51	Set BP @ 9092'	' A onf				
[3]	7-5/8" 24# @ 2849' w/ 1,420 sx, TOC 635' TS	9058-9084		Perforate 9058-9084 Mud Acid	500		1900		1.0
	Perf/sqz 90 sx C cmt 2,899 - 2,540' WOC/TAG	1	10/14/51	Set plug @ 9045'					
		-	10/14/51			2 holes			
		8992-9040	10/14/51 10/16/51	Mud Acid Drill out plug @ 904	500 5' 8 pysb :	to 9090'			
			11/3/53	Drill out plug @ 904	•		92'		
		•	11/6/53	Plugback to 9075'					
		9002 0075	2/1/54 4/10/54	Shut-In	3,000	3,000			
		8992-9075	1/29/71	Sandfrac - Oil DO & push CIBP @		-	hole clea	n	
			2/2/71	Set CIBP @ 7000' ca	pped w/1	sx cmt			
		6780-6888	2/2/71 2/3/71	Perforate Drinkard 6 15% LSTNE	2,850	(select fi	re) 5100	1600	12
		0700-0000	2/10/71	Attempt to sqz perfs (w/200 sx			
			2/11/71	Sqz perfs 6780-6888				4 sx	
775	TOC 5 4/2" Con @ 5100' /T S)		2/13/70	Drill out cement to 68 Perf 1 JSPF, 6780, 6				3 `	
	TOC 5-1/2" Csg @ 5100' (T.S.)	6780-6853	2/14/71	Acid	1,200	BS .	3650	3	53
	25 sx C cmt 5,350 - 5,097'			Treated Prod Wtr	20,200	20,000	4400	2275	12.0
			6/1/71 1/25/80	Shut-In Sqz 6780-6853 w/15	O eacke co	mant			
			1/31/80	Drill out cement and			o @ 9158'		
		8992-9114		15%.HCL NEFE	2,100			600	30
3			10/28/88 11/1/88	Sqz Lwr McKee 910 DO Cmt Ret, cmt & C				יח	
			11/4/88	Perf McKee 8986-91	_				
	Circulate mud from PBTD @ 6,690'		11/10/88	Top of Gravel Pack s	and @ 884	2'			
From 5	Detalored	8986-9104 8992-9104		15% HCL NEFE 15% HCL NEFE	1,000 5,000			1900	18
	<u>Drinkard</u> CIBP @ 6725' w/35' cmt; TOC @ 6690'	0992-9104		Run Temp Survey - fl		n perfs 89	986-9104	1500	0.5
XX XX	6780 6783 6818 6830 6837 6853 } Sqz'd w/ 150 s>	c		Set CIBP @ 6725' w.				d	
XX XX	6877 6879 6882 6888 }		0.005.000	Temporarily Abando		0045			
XX ŽX ISI ISI	6780 6783 6818 6830 6837 6853 (2/70) - Sqz'd w/1	50 SX	3/25/08	90 Day Extension Gra	anted tii Ju	ne zoun			
	CIBP @ 7000' w/1 sx cmt - Drld out 1/30/80						AV7Z_	TRIPLI	= N
\$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				DRODOSED	ol lice		מונה	SERVICES AND TX	
T I				PROPOSED I		RTD @	6 690'		
				2) 25 sx C cm		_	0,000		
	Gravel Pack Pkr @ 8677'			3) Perf/sqz 90					
	Gravel Pack 8842'-9120'			4) Perf/sqz 35				OC/TA	AG
	<u>McKee</u> 8992-9040 9058-9084 (192 holes)			5) Perf/sqz 15	JO SX C CIT	K J 14 (0	Sunace		
==(".\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	8986-9104 (1428 holes, 12 JSPF)		Notes:	Water-Gas Cor	_	96'			
	Lower McKee				on Tops:	n -) De	7045	
XX XX	9100'-9114' (56 holes); 9124'-9142' (72 holes) - Sqz CIBP @ 9158' ; drilled out (11/88)	a W/150 SX		Top Salt Base Sai			3 Permian Devonian	7645 7810	
	CIBP @ 9192' (pushed down from 9119')			Yates	2680		usselman		
S along &	6-3/4" Hole			7 Rivers	2940		/lontoya	8385	
DOTO @ ACCO	5-1/2" 13& & 15.5# J-55 N-80 @ 9197'			Glorieta Tubbs	535 634		Simpson /IcKee	8660° 8989°	
PBTD @ 6690' TD @ 9198'	Cmt'd w/260 sacks TOC @ 5100' (T S)			Drinkard				0000	
	- · ·								

. -----

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.

2 .

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.

- 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 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 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 conditions of approval will be developed and furnished to you.