

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 ☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator ConocoPhillips Company ATTN: Celeste Dale 217817

3a Address
3303 N. A Street, Bldg. 6 #247, Midland TX 79705-54063b Phone No. (include area code)
432-688-6884

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter H, 1,980' FNL & 660' FEL, Section 27, T-21-S, R-37-E

5 Lease Serial No.
LC 032096A-

6 If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No
Lockhart A-27 #11 314059. API Well No.
30-025-0679710. Field and Pool, or Exploratory Area
Blinebry O & G / Paddock

11. County or Parish, State

Lea, 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 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 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 proposed plugging procedure, current & proposed plugged wellbore diagrams.

RECEIVED

APR 15 2008

HOBBS OCD

APPROVED

APR 11 2008

JAMES A. AMOS
SUPERVISOR-EPSSEE ATTACHED FOR
CONDITIONS OF APPROVAL14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

James F. Newman, P.E.

Title Engineer, Triple N Services, Inc.

Signature

Date

03/10/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

APR 17 2008

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 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.

(Instructions on page 2)

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

Date: Jan. 15, 2008

RKB @ 3406'
 DF @ 3405'
 GL @ 3396'

Subarea : Hobbs
 Lease & Well No. : Lockhart A-27 No. 11
 Legal Description : 1980' FNL & 660' FEL, Sec. 27, T21S, R37E
 Unit Letter H
 County : Lea State : New Mexico
 Field : Blinebry O&G / Paddock
 Date Spudded : 3/28/47 Rig Released : 5/14/47
 API Number : 30-025-06797
 Status :
 Drilled as Lockhart A-27 No. 2 Lease Serial No. LC032096A

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
6570-6610	10/9/48	Deepen from 6570 to 6610'						
	10/11/48	20% Acid	2,500					
	10/13/48	Squeeze 6570-6610 w/10 sx cement						
	10/14/48	Perforate 6500-05, 6517-22 & 6470-75						
	10/18/47	Set BP @ 6561 w/ 5' Hydromite on top						
6470-6522	10/18/48	Acid	1,000					
6470-6522	8/28/58	Solufac	10,000	10,000	4200		12.5	
	6/15/59	Perf 6350' & sqz w/50 sx						
6470-6562	6/24/59	15% XLST	500		2500	Vac	13	
	9/29/61	Well redesignated from Lockhart A-27 No. 2 to Lockhart A-27 No. 11						
	8/18/64	Squeeze 6470-6561 w/100 sx						
	8/19/64	Perf Drinkard 6398-6455, 1 jspf (select fire)						
6398-6455	8/20/64	15% LSTNE	4,000					
6398-6455	8/20/64	Crude	27,000	25,000				
	9/2/64	Perf Blinebry 1 jspf, 5694-5892 (select fire)						
5694-5892	9/5/64	15% LSTNE	1,000		5900			
		Crude	30,000	4400			14.4	
	3/4/92	Set CIBP @ 6328'						
	3/4/92	Set RBP @ 5670'						
	3/6/92	Perf Paddock 2 jspf 5235-5275						
5235-5275	3/6/92	15% NEFE HCl	60 Bbls		2920	1400		
	3/11/92	Sqz 5235-5275 with 150 sx Class C; DO to 5300'						
	3/19/92	Perforate Paddock 5113-5188						
5113-5188	3/19/92	15% NEFE HCl	80 Bbls	500# RS				
	3/25/92	Set RBP @ 5217' and cement retainer @ 5056' sqz w/200 sx 5113-5188						
	6/24/93	Perf Glorieta 5062-5093, 2 jspf, 64 holes						
5062-5093	6/25/93	15% NEFE HCl	60 Bbl	300# RS				
	11/18/93	Set RBP @ 5011'; circ pkr fluid, temporarily abandon						

17-1/4" Hole
 13-3/8" 48# H-40 @ 197'
 Cmt'd w/200 sx Common cement, circ
 TOC @ Surface

Top of Salt @ 1300'
 TOC 9-5/8" Csg @ 1385' (T.S.)

Base of Salt @ 2360'
 12-1/4" Hole
 9-5/8" 36# J-55 & H-40 @ 2420'
 Cmt'd w/ 500 sx Common cement
 TOC @ 1385' (T.S.)

TOC 7" Csg @ 3675' (T.S.)

RBP @ 5011'
 Glorieta
 5062-5093
 Paddock Zone A
 5113-5116 5124-5128 5131-5136
 5140-5142 5151 5168-5173 5177-5180 -- Sqz'd w/200 sx
 Paddock Zone C
 5235-5245 5250-5260 5265-5275 -- Sqz'd w/150 sx
 RBP @ 5670; TOC @
 Blinebry
 5694 5708 5713 5773 5784
 5791 5808 5853 5885 5892

CIBP @ 6328'; TOC @
 Sqz Perf @ 6350' - sqz w/50 sx
 Drinkard
 6398 6403 6424 6434 6449 6455
 6470-6475 6500-6505
 6517- 6522 6548-6561-- Sqzd w/100 sx
 BP @ 6567' w/5' Hydromite Plug
 8-3/4" Hole
 7" 24# & 23# J-55 & 23# N-80 @ 6570'
 Cmt'd w/500 sx
 TOC @ 3675' (T.S.)
 6-1/4" Hole
 Openhole 6570'-6610' -- Sqz'd w/10 sx

PBTD 5011'
 OTD. 6570'
 NTD 6610'

Formation Tops:

Anhydrite 1200'
 Base Salt 2360'
 Yates 2515'
 Glorieta 5080'
 Tubb 6005'

ConocoPhillips Company

Proposed Plugging Procedure

Lockhart A-27 #11
 API #30-025-06797
 Blinebry O & G / Paddock
 Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

Casings 13^{3/8}" 48# casing @ 197' cmt'd w/ 200 sx. TOC @ surface.
 9^{5/8}" 36# casing @ 2,420' cmt'd w/ 500 sx. TOC @ 1,385' (T.S.)
 7" 24# casing @ 6,570' cmt'd w/ 500sx. TOC @ 3,675' (T.S.)
Perforations 5,062 – 5,093'
Tubulars none

- Verify anchors tested within last two years
 - Notify NMOC&D & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digress (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 5,100' of 2^{3/8}" workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ 5,011' of 2^{3/8}" workstring tubing and tag RBP. Displace hole w/ 195 bbls plugging mud, and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 150' in 7" 24# casing) balanced plug 5,011 – 4,861'. POOH w/ workstring.
 4. RU & test lubricator. RIH w/ wireline & perforate 7" casing @ 2,470'. POOH w/ wireline.
 5. RIH w/ 7" AD-1 packer on workstring to ~2,160'. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 65 sx C cmt (1.32 ft³/sk yield, 85.8 ft³ slurry volume, calculated fill 197' in 9^{5/8}" 36# casing). WOC & tag this plug no lower than 2,360'. PUH w/ pkr to ~1,000'. **Base of Salt & Intermediate Casing Shoe Plug**
 6. RU & test lubricator. RIH w/ wireline and perforate 7" & 9^{5/8}" casings @ 1,300'. POOH w/ wireline.
 7. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 85 sx C cmt (1.32 ft³/sk yield, 112.2 ft³ slurry volume, calculated fill 137' in 12^{1/4}" openhole). WOC & tag this plug no lower than 1,200'. POOH w/ packer. **Top of Salt Plug**
 8. SI BOP and pressure test 7" casing to 1,000 psi. Release pressure.
 9. RU & test lubricator. RIH w/ wireline and perforate 7" & 9^{5/8}" casings @ 247'. POOH w/ wireline.
 10. If casing tested in #8, ND BOP, NU wellhead. Establish rate through both 9^{5/8}" & 13^{3/8}" casings; circulate 170 sx C cmt (1.32 ft³/sk yield, 224.4 ft³ slurry volume, calculated fill 254' in 13^{3/8}" 48# casing). If casing did not test in #7, RIH w/ packer to 30' and squeeze this plug under packer. **Fresh Water, Surface Casing Shoe, and Surface Plug**

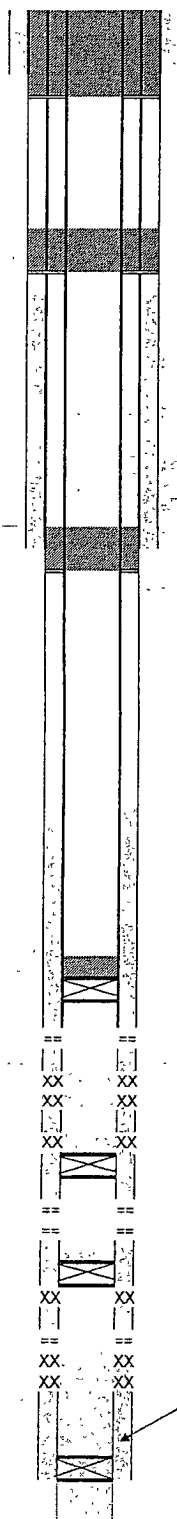
11. RDMO location.

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

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

Date February 1, 2008

RKB @ 3405'
 DF @ 3405'
 GL @ 3395'



13-3/8" 48# H-40 @ 197'
 Cmt'd w/200 sx Common cement, circ
 TOC @ Surface

Perf & sqz 170 sx C cmt 247 - surface
 WOC & TAG

Perf & sqz 85 sx C cmt 1,300 - 1,200'
 WOC & TAG

Top of Salt @ 1300'
 TOC 9-5/8" Csg @ 1385' (T.S.)

12-1/4" Hole
 9-5/8" 36# J-55 & H-40 @ 2420'
 Cmt'd w/ 500 sx Common cement
 TOC @ 1385' (T.S.)

Base of Salt @ 2360'
 Perf & sqz 65 sx C cmt 2,470 - 2,360'
 WOC & TAG

TOC 7" Csg @ 3675' (T.S.)

25 sx C cmt 5,011 - 4,861'
 Tag RBP, circulate plugging mud
 RBP @ 5011'

Glorieta
 5062-5093
Paddock Zone A
 5113-5116 5124-5128 5131-5136
 5140-5142 5151 5168-5173 5177-5180 -- Sqz'd w/200 sx
Paddock Zone C
 5235-5245 5250-5260 5265-5275 -- Sqz'd w/150 sx
 RBP @ 5670; TOC @

Blinebry
 5694 5708 5713 5773 5784
 5791 5808 5853 5885 5892

CIBP @ 6328'; TOC @
 Sqz Perf @ 6350' - sqz w/50 sx
Drinkard
 6398 6403 6424 6434 6449 6455
 6470-6475 6500-6505
 6517- 6522 6548-6561-- Sqz'd w/100 sx
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 8-3/4" Hole
 7" 24# & 23# J-55 & 23# N-80 @ 6570'
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 TOC @ 3675' (T.S.)
 6-1/4" Hole
 Openhole 6570'-6610' -- Sqz'd w/10 sx

PBTD 5011'
 OTD 6570'
 NTD 6610'

Subarea: Hobbs
 Lease & Well No: Lockhart A-27 No 11
 Field: 1980' FNL & 660' FEL, Sec 27, T21S, R37E
 Legal Description: Unit Letter H
 County: Lea State: New Mexico
 Date Spudded: 3/28/47 Rig Released: 5/14/47
 API Number: 30-025-06797
 Status: Proposed Plugged
 Drilled as Lockhart A-27 No. 2 Lease Serial No. LC032096A

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6470-6562	6/24/59	15% XLST	500		2500		Vac	1.3
	9/29/61	Well redesignated from Lockhart A-27 No. 2 to Lockhart A-27 No 11						
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5062-5093	6/25/93	15% NEFE HCl	60 Bbl	300# RS				
	11/18/93	Set RBP @ 5011; circ pkr fluid, temporarily abandon						

PROPOSED PLUGS

- 1) tag RBP, circulate plugging mud
- 2) 25 sx C cmt 5,011 - 4,861'
- 3) Perf/sqz 65 sx C cmt 2,470 - 2,360' WOC & TAG
- 4) Perf/sqz 85 sx C cmt 1,300 - 1,200' WOC & TAG
- 5) Perf/sqz 170 sx C cmt 247 - surface

Capacities

7" 24# csg	4 567 ft/ft3	0 2189 ft3/ft
	25 640 ft/bbl	0 0390 bbl/ft
9-5/8" 36# csg	2 304 ft/ft3	0 4340 ft3/ft
	12 930 ft/bbl	0 0773 bbl/ft
13-3/8" 48# csg	1 134 ft/ft3	0 8817 ft3/ft
	6 370 ft/bbl	0 1570 bbl/ft

Formation Tops:

Anhydrite	1200'
Base Salt	2360'
Yates	2515'
Glorieta	5080'
Tubb	6005'

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.