

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-01435
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	B-2148
7. Lease Name or Unit Agreement Name	Leamex
8. Well Number	9
9. OGRID Number	217817
10. Pool name or Wildcat	Leamex Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,177' GR 4,191' RKB	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>STEEL</u> Depth to Groundwater <u> </u> Distance from nearest fresh water well <u> </u> Distance from nearest surface water <u>N/A</u>	
Pit Liner Thickness: <u>STEEL</u> mil Below-Grade Tank: Volume <u>180</u> bbls; Construction Material <u>STEEL</u>	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
ConocoPhillips Company ATTN: Celeste Dale

3. Address of Operator
3303 N. "A" Street, Bldg. 6 #247, Midland, Texas 79705-5406

4. Well Location
Unit Letter O : 659 feet from the South line and 1,975 feet from the East line
Section 16 Township 17-S Range 33-E NMPM County Lea

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS & PROCEDURE

THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS BEFORE THE
BEGINNING OF PLUGGING OPERATIONS.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE James F. Newman, P.E. (Triple N Services) DATE 10/25/07

Type or print name
For State Use Only

E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

APPROVED BY: Gary W. Wink
Conditions of Approval (if any):

OCD FIELD REPRESENTATIVE / STAFF MANAGER
TITLE

DATE OCT 29 2007

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

Date September 12, 2007

RKB @ 4191'
 DF @ 4189'
 GL @ 4176 60'

Subarea Buckeye
 Lease & Well No Leamex No. 9
 Legal Description 659' FSL & 1975' FEL, Sec 16, T-17-S, R-33-E
 Unit Letter O
 County Lea State New Mexico
 Field Leamex (Wolfcamp)
 Date Spudded August 12, 1960 Released Rig Jan 31, 1961
 API Number 30-025-01435
 Status _____
 State O&G Lease No. B-2148

17-1/2" Hole

13-3/8" 48# H-40 @ 324' cmt'd w/ 350 sx, circ.

top of salt @ ~1,450'

12-1/4" Hole

base of salt @ ~2,700'

9-5/8" 32.3/36/40# J-55 & H-40 @ 4,530.2'
 Cmt'd w/ 1,900 sx, circ

TOC 5-1/2" Csg @ 6,900'

Model R Pkr @ 10,100'

Wolfcamp

10,218'-10,232' 10,262'-10,269'
 10,410'-10,418' 10,506'-10,524'
 10,528'-10,533'

10,622'-10,632' 10,648'-10,660'
 1,0674'-10,688' 10,714'-10,722'

Baker N Perm Pkr @ 11,234' w/7 sx on top; TOC @ 11,185'

Penn

11,278-11,284 11,298'-11,316' -- Sqzd w/50 sx (2/61)

Fish @ 11341'

8-3/4" Hole

5-1/2" OD 23# N-80 @ 11,523'

Cmt w/635 sx

TOC @ 6900'

Plug 11,698'-11,523' w/150 sx

Plug 14,989'-14,582' w/150 sx

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	1/26/61	Spot 150 sx Inferno across top Devonian; TOC 14852'						
	1/28/61	Spot 150 sx Inferno @ 11698' - 11500'. Drill out, set csg						
	2/5/61	Perf Penn 11278-11316 (48 holes)						
11278-11316	2/13/61	15% Acid	1,000		5600			
	2/15/61	Sqz Penn 11278-11316 w/50 sx Inferno; TOC 11185'						
	2/16/61	Perf Wolfcamp 10622-10722 2 JSPF						
10622-10722	3/7/61	15% Regular	500		2400	2100		
10622-10722	3/11/61	Gel Acid	600					
		15% Regular	1,500	60 BS	1200		5 0	
	3/16/61	Perf Wolfcamp 10218-10533 2 JSPF						
10506-10533	3/24/61	15% Regular	500		1500		4 0	
10410-10418	3/29/61	15% Regular	250		4600	0	3 0	
10262-10269	4/1/61	15% Regular	250		0	0		
10218-10232	4/3/61	15% Regular	500		250	0		
10714-10722	4/5/61	15% Regular	250		24	0	4 5	
10218-10722	5/23/84	15% NEFE HCl	5,000					
		5 drums Techni-Hib 756						
10218-10722	6/18/87	25% NEFE HCl	5,000	1000# RS	100	Vac	6 0	
		3 drums Techni-Hib 756						
		2 Drums Techni-Hib 425						
	1/1/97	Shut in						
10622-10722	6/6/97	15% Ferchek	2,600	RS	430	Vac	3 9	
10218-10533	6/9/97	15% Ferchek	2,200			Vac	4 0	
	10/23/01	Fish stuck tbq						
	11/1/01	GIH w/prod tbq, TAC, rod stg, pmp						
		Well last produced March 2002						

Remarks: Well cored and DST's taken

LEFT IN HOLE: REYNOLDS REDTOP BAILER, 3-1/2" OD X 23' LONG. TOP OF FISH 11341'

Formation Tops:

Rustler	1448'	Clearfork	6210'
Yates	2748'	Tubb	7460'
Queen	3720'	Wolfcamp	9720'
Grayburg	4148'	Penn	11110'
San Andres	4496'	Mississippian	14178'
Glioneta	6008'	Devonian	14938'

PBTD 11,185'
 TD 15,390'

ConocoPhillips Company

Proposed Plugging Procedure

Leamex #9
API #30-025-26222
Leamex (Wolfcamp)
Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

Casings 13^{3/8} 48# casing @ 324', cmt'd w/ 350 sx. TOC @ surface
9^{5/8} " 40# casing @ 4,530.2' cmt'd w/ 1,900 sx. TOC @ surface
5^{1/2}" 23# casing @ 11,523' cmt'd w/ 635 sx. TOC @ 6,900'
Perforations 10,218 – 10,232', 10,262 – 10,269', 10,410 – 10,418', 10,506 – 10,524',
10,528 – 10,533', 10,622 – 10,632', 10,648 – 10,660', 10,674 – 10,688',
10,714 – 10,722'
Tubulars Model R packer set @ 10,200'

- Verify anchors tested within last two years
 - Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold 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. Deliver 10,200' 2^{3/8}" workstring as needed.
 2. POOH w/ rods & pump as present (last run 11/01/01).
 3. MIRU plugging equipment. ND wellhead and NU 6" 5000# hydraulic BOP. POOH w/ production tubing and packer.
 4. RU & test lubricator. RIH w/ gauge ring for 5^{1/2}" 23# casing on wireline to 10,200'. POOH w/ gauge ring.
 5. RIH w/ HM tbg-set CIBP on 2^{3/8}" tubing to 10,168'. RU cementer and set CIBP at 10,168'. Displace hole w/ ~214 bbls plugging mud, and pump 25 sx C cmt balanced plug 10,168 – 9,889' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 279' in 5^{1/2}" 23# casing).
Wolfcamp Plug
 6. PUH w/ tubing to 7,460'. Load hole w/ plugging mud and pump 25 sx C cmt balanced plug 7,460 – 7,181' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 279' in 5^{1/2}" 23# casing). POOH w/ workstring. **Tubb Plug**
 7. RU & test lubricator. RIH w/ wireline and perforate 5^{1/2}" casing @ 4,580'. POOH w/ wireline. RD lubricator.
 8. RIH w/ packer to 4,180'. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 60 sx C cmt w/ 2% CaCl₂ 4,580 – 4,394' (1.32 ft³/sk yield, 79.2 ft³ slurry volume, calculated fill 186' in 9^{5/8}" 40# casing). WOC & TAG this plug no lower than 4,480'. PUH w/ packer to 2,267'. **Intermediate Casing Shoe Plug**

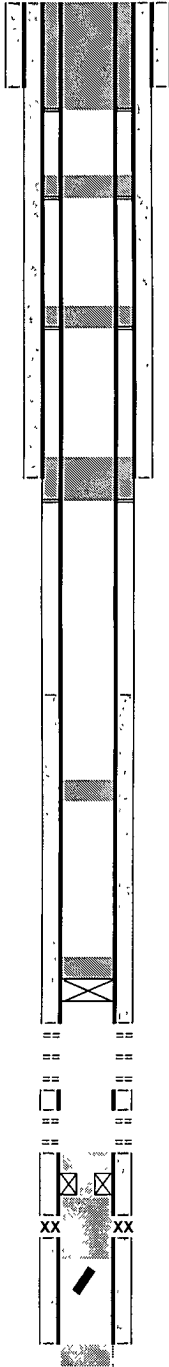
9. RU & test lubricator. RIH w/ wireline and perforate 5½" casing @ 2,800'. POOH w/ wireline. RD lubricator.
10. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 45 sx C cmt w/ 2% CaCl₂ 2,800 – 2,330' (1.32 ft³/sk yield, 59.4 ft³ slurry volume, calculated fill 139' in 9½" 40# casing). PUH w/ packer to 1,000'. **9½" Casing Shoe Plug**
11. RU & test lubricator. RIH w/ wireline and perforate 5½" casing @ 1,450'. POOH w/ wireline. RD lubricator.
12. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 45 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 59.4 ft³ slurry volume, calculated fill 139' in 9½" 40# casing) balanced plug 1,450 – 1,311'. WOC & and tag this plug no lower than 1,350'. POOH w/ packer. **Top of Salt Plug**
13. RU & test lubricator. RIH w/ wireline and perforate 5½" casing @ 400'. POOH w/ wireline. RD lubricator.
14. ND BOP, NU wellhead. Establish rate and circulate 130 sx C cmt 400' to surface (1.32 ft³/sk yield, 172 ft³ slurry volume, calculated fill 403' in 9½" 40# casing). SI well. **Fresh Water and Surface Plug**
15. RDMO location.
16. 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 October 24, 2007

RKB @ 4191'
DF @ 4189'
GL @ 4176 60'

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Field Leamex (Wolfcamp)
Date Spudded August 12, 1960 Released Rig Jan 31, 1961
API Number 30-025-01435
Status Proposed Plugged
State O&G Lease No. B-2148



17-1/2" Hole

13-3/8" 48# H-40 @ 324' cmt'd w/ 350 sx, circ.

Perf & Sqz 135 sx C cmt 400 - surface

Perf & Sqz 45 sx C cmt 1,450 - 1,350 TAG
top of salt @ ~1,450'

12-1/4" Hole

base of salt @ ~2,700'

Perf & Sqz 45 sx C cmt 2,800 - 2,700' TAG

9-5/8" 32.3/36/40# J-55 & H-40 @ 4,530.2'

Cmt'd w/ 1,900 sx, circ

Perf & Sqz 60 sx C cmt 4,580 - 4,480' TAG

TOC 5-1/2" Csg @ 6,900'

25 sx C cmt 7,460 - 7,181'

Circulate plugging mud

CIBP @ 10,168', 25 sx C cmt 10,168 - 9,889'

Wolfcamp

10,218'-10,232' 10,262'-10,269'
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10,528'-10,533'

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	10/23/01	Fish stuck tbq						
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		Well last produced March 2002						

PROPOSED PLUGS



- 1) set CIBP @ 10,168', 25 sx C cmt 10,168 - 9,889'
- 2) circulate plugging mud from PBTD
- 3) 25 sx C cmt 7,460 - 7 181'
- 4) Perf/sqz 60 sx C cmt 4,580 - 4,480' WOC & TAG
- 5) Perf/sqz 45 sx C cmt 2,800 - 2,700' WOC & TAG
- 6) Perf/sqz 45 sx C cmt 1,450 - 1,350' WOC & TAG
- 7) Perf/sqz circulate 130 sx C cmt 400' to surface

Capacities

5-1/2" 23# csg	8 407	ft/ft3	0 1189	ft3/ft
	47 2	ft/bbl	0 0211	bbl/ft
9-5/8" 40# csg	2 349	ft/ft3	0 4257	ft3/ft
	13 19	ft/bbl	0 0758	bbl/ft
13-3/8" 48# csg	1 134	ft/ft3	0 8817	ft3/ft
	6 370	ft/bbl	0 157	bbl/ft
8-3/4" openhole	2 395	ft/ft3	0.4176	ft3/ft
	13 445	ft/bbl	0 0744	bbl/ft

Remarks: Well cored and DST's taken

LEFT IN HOLE. REYNOLDS REDTOP BAILER, 3-1/2" OD X 23' LONG. TOP OF FISH 11341'

Formation Tops:

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PBTD 11,185'
TD 15,390'