

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.	30-025-26222
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	21
9. OGRID Number	217817
10. Pool name or Wildcat	Leamex (Paddock)

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 N : 660 feet from the South line and 2,310 feet from the West line
Section 22 Township 17-S Range 33-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,152' GR 4,168' RKB

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type STEEL Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water N/A

Pit Liner Thickness: STEEL mil Below-Grade Tank: Volume 180 bbls; Construction Material STEEL

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 PRIOR TO 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 [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

OC FIELD REPRESENTATIVE / STAFF MANAGER
TITLE _____ DATE OCT 29 2007

APPROVED BY: [Signature]
Conditions of Approval (if any): _____

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

Date September 12, 2007

RKB @ 4168'
 DF @ 4167'
 GL @ 4151'

Subarea	Buckeye West		
Lease & Well No	Leamex	No. 21	
Legal Description	660' FSL & 2310' FWL, Sec 22, T-17-S, R-33-E, Unit Letter N		
County	Lea	State	New Mexico
Field	Leamex (Paddock)		
Date Spudded	April 10, 1979	Rig Released	May 3, 1979
API Number	30-025-26222		
Status	State Lease		B-2148

11" Hole

Casing leak @ 24'

TOC 4-1/2" csg @ 825' by CBL

Top Salt @ 1500'

8-5/8" 24# K-55 @ 1,500' cmt'd w/ 840 sx topped w/ 125 sx cmt behind pipe

Base Salt @ +/- 2382'

7-7/8" Hole

== == 6058-6072 - 28 holes
 == == 6090-6094 - 8 holes
 == == 6098-6102 - 8 holes
 == == 6110-6116 - 12 holes

4-1/2" 11.6# L-80 @ 6,309' cmt'd w/ 1,400 sx lead & 150 sx tail (class H cmt), TOC @ 825' (CBL)

PBTD @ 6265'
 TD @ 6309'

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	5/11/79	Perforated 6058-6072, 2 jsfp (select fire)						
6058-6072	5/12/79	15% NEFE HCl	2,000		2800	1800	3 0	
	5/23/79	IPP 101 BO, 0 BW, GOR 623						
	7/5/79	Test 84 BO, 0 BW, GOR 915						
6058-6072	7/7/79	28% NE HCl	2,000		1500			
	7/16/79	Test Pump 161 BO, 0 BW, GOR 660						
	9/4/85	Test 21 BO, 30 BW, GOR 381						
	6/4/86	Perforate 6090-6116 (select fire)						
6058-6116	6/4/86	15% NEFE HCl	2,000	45 BS	1400	300		
		Upper and Lower communicated when pressured up to 400 psi on 6090-6116						
	6/13/86	Test 41 BO, 44 BW, 18 MCF						
6058-6116	8/1/97	Boragel	38,864	110,000		4045	23 2	
	8/12/97	Test 0 BO, 0 Mcf, 140 BW, FL 3200'						

Note:

- 1) Structurally lower than offset wells
 - 2) Has water bearing perforated intervals that are not open in the offset wells.
 - 3) Was frac'd into a lower water bearing zone in 1997
- Cumulative production thru 11/03 230.7 MBO, 118.9 MMCF, 382.7 MBW

Formation Tops:

Rustler	1440'	Queen	3760'
Salado	1612'	Grayburg	4155'
Top Salt	1500'	San Andres	4494'
Base Salt	2382'	Glorieta	5963'
Yates	2770'	Paddock	6056'
Seven Rivers	3145'		

ConocoPhillips Company

Proposed Plugging Procedure

Leamex #21
API #30-025-26222
Leamex (Paddock)
Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

Casings 8⁵/₈" 24# casing @ 1,500' cmt'd w/ 965 sx. TOC @ surface
4¹/₂" 11.6 # casing @ 6,309' cmt'd w/ 1,550 sx. TOC @ 825' (CBL)
Perforations 6,058 – 6,072', 6,090 – 6,094', 6,098 – 6,102', 6,110 – 6,116'
Tubulars none

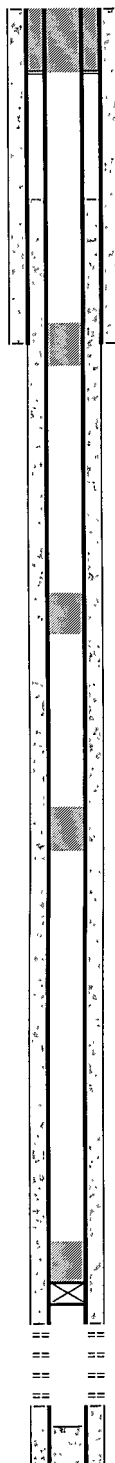
- Top two joints 4 1/2" casing replaced 07/25/97
 - Verify anchors tested within last two years
 - Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 6,100' 2³/₈" workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RU & test lubricator. RIH w/ gauge ring for 4¹/₂" 11.6# casing on wireline to 6,010'. POOH w/ wireline.
 4. RIH w/ HM tbg-set CIBP on 2³/₈" workstring tubing to 6,008'. RU cementer and set CIBP at 6,008'. Displace hole w/ ~90 bbls plugging mud, and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4¹/₂" 11.6# casing) balanced plug 6,008 – 5,630'.
 5. PUH w/ workstring to 3,145'. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4¹/₂" 11.6# casing) balanced plug 3,145 – 2,767'. **Seven Rivers Plug**
 6. PUH w/ workstring to 2,482'. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4¹/₂" 11.6# casing) balanced plug 2,482 – 2,100'. **Base of Salt Plug**
 7. PUH w/ workstring to 1,550'. Load hole w/ plugging mud and pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4¹/₂" 11.6# casing) balanced plug 1,550 – 1,172'. WOC & and tag this plug no lower than 1,400'. POOH w/ workstring. **Top of Salt & Casing Shoe Plug**
 8. SI BOP and pressure-test 4¹/₂" casing to 500 psi. If casing does not test, squeeze plug in #11 under packer.
 9. RU & test lubricator. RIH w/ wireline and perforate 4¹/₂" casing @ 400'. POOH w/ wireline.

10. If casing tested in #8, ND BOP, NU wellhead. Establish rate and circulate 125 sx C cmt 400' to surface (1.32 ft³/sk yield, 165.0 ft³ slurry volume, calculated fill 463' in 8⁵/₈" 24# casing). If casing did not test in #8, RIH w/ packer to 30' and squeeze this plug under packer. **Fresh Water 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 October 19, 2007

RKB @ 4168'
DF @ 4167'
GL @ 4151'



Casing leak @ 24'

Perf & Sqz 125 sx C cmt 400' - Surface

11" Hole

TOC 4-1/2" csg @ 825' by CBL

25 sx C cmt 1,550 - 1,400' TAG

Top Salt @ 1500'

8-5/8" 24# K-55 @ 1,500' cmt'd w/ 840 sx topped w/ 125 sx cmt behind pipe

25 sx C cmt 2,482 - 2,100'

Base Salt @ +/- 2382'

25 sx C cmt 3,145 - 2,767'

7-7/8" Hole

CIBP @ 6,008', circulate mud, 25 sx C cmt 6,008 - 5,630'

6058-6072 - 28 holes
6090-6094 - 8 holes
6098-6102 - 8 holes
6110-6116 - 12 holes

4-1/2" 11.6# L-80 @ 6,309' cmt'd w/ 1,400 sx lead & 150 sx tail (class H cmt), TOC @ 825' (CBL)

PBTD @ 6265'
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	7/7/79	28% NE HCl	2,000		1500			
	7/16/79	Test Pump 161 BO, 0 BW, GOR 660						
	9/4/85	Test 21 BO, 30 BW, GOR 381						
6058-6116	6/4/86	Perforate 6090-6116 (select fire)						
	6/4/86	15% NEFE HCl	2,000	45 BS	1400	300		
		Upper and Lower communicated when pressured up to 400 psi on 6090-6116						
6058-6116	6/13/86	Test 41 BO, 44 BW, 18 MCF						
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- Cumulative production thru 11/03 230.7 MBO, 118.9 MMCF, 382.7 MBW

PROPOSED PLUGS



- 1) set CIBP @ 6,008' Circulate hole w/ mud
- 2) 25 sx C cmt 6,008 - 5,630'
- 3) 25 sx C cmt 3,145 - 2,767'
- 4) 25 sx C cmt 2,482 - 2,100'
- 5) 25 sx C cmt 1,550 - 1,400' WOC & TAG
- 6) Perf & Sqz 125 sx C cmt 400' - surface

Capacities

4-1/2" 11 6# csg	11 459 ft/ft3 64 34 ft/bbl	0 0872 ft3/ft 0 0155 bbl/ft
8-5/8" 24# csg	2 797 ft/ft3 15 70 ft/bbl	0 3575 ft3/ft 0 0636 bbl/ft
7-7/8" openhole	2 957 ft/ft3 16 599 ft/bbl	0 3382 ft3/ft 0 0602 bbl/ft

Base Salt	2382'	Glorieta	5963'
Yates	2770'	Paddock	6056'
Seven Rivers	3145'		