

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.	30-025-29116
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	B-2148
7. Lease Name or Unit Agreement Name	Leamex
8. Well Number	38
9. OGRID Number	217817
10. Pool name or Wildcat	Maljamar / Grayburg San Andres

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 H : 1,980 feet from the North line and 990 feet from the East line
Section 25 Township 17-S Range 33-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,076' GR 4,087' 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 & PLUGGING 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 NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE James F. Newman TITLE James F. Newman, P.E. (Triple N Services) DATE 03/23/07

Type or print name
For State Use Only

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

APPROVED BY: Gary W. Wink TITLE FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any): MAY 27 2007

ConocoPhillips Company -- Lower 48 - Mid-Continent BU/Odessa

Date: March 6, 2007

Chinle	215'
Rustler	1458'
Salado	1648'
Yates	2810'
Queen	3812'
Grayburg Z1	4201'
Grayburg Z2	4245'
Grayburg Z3	4328'
Grayburg Z4	4373'
Grayburg Z5	4432'
Grayburg Z6	4512'
Grayburg Z7	4582'
San Andres	4612'

ConocoPhillips

Proposed Plugging Procedure

Leamex #38

API #30-025-29116

Maljamar Grayburg San Andres Field

Lea County, New Mexico

Casings: 8⁵/₈" 24# casing @ 363' cmt'd w/ 400 sx, circ. 55 sx to surface
4¹/₂" 11.6# casing @ 4,800' cmt'd w/ 3,150 sx, TOC 353' by T.S.

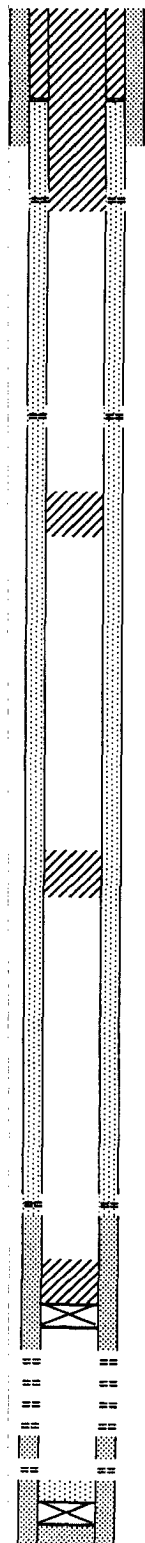
- TA'd w/ CIBP set @ 4,397' (set 09/17/01)
 - Multiple squeezes on 4¹/₂" casing
 - Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. MIRU Triple N pulling unit. ND wellhead and NU BOP.
 2. RIH w/ 2³/₈" workstring tubing, tag CIBP @ 4,397'. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4¹/₂" 11.6# casing) 4,397 – 4,019'. **Grayburg/San Andres plug**
 3. POOH w/ tubing to 2,800' 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) 2,800 – 2,422'. **Base of salt plug**
 4. POOH w/ tubing to 1,200' 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) 1,200 – 822'. WOC & tag this plug no deeper than 1,100'. **Top of salt & ~~surface casing shoe plug~~**
 5. NU lubricator and RIH w/ wireline, perforate casing @ 340' w/ four 1-11/16" link-jet perforating charges. POOH w/ wireline, ND lubricator.
 6. RIH w/ AD-1 packer to 120'. Load hole w/ mud and set packer. Establish rate at 1,000 psi or less via perforations @ 340'. If unable to establish rate, contact NMOCD for 35 sx balanced plug approval in #7.
 7. ND BOP and RIH w/ tubing to 500', circulate 35 sx C cmt (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 529' in 4¹/₂" 11.6# casing) 500' to surface. POOH w/ tubing and NU wellhead, circulate cement in 4¹/₂ x 8³/₈" annulus pumping an additional 70 sx C cmt (1.32 ft³/sk yield, 92.4 ft³ slurry volume, calculated fill 374' in 4¹/₂ x 8⁵/₈" annulus). TOTAL VOLUME 105 sx C cmt. **surface casing shoe & freshwater plug**
 8. RDMO location. Clean steel pit & haul fluids to disposal. 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/Odessa

Date: March 23, 2007

RKB @ 4087'
DF @ 4086'
GL @ 4076'



**Perf & Sqz 105 sx C cmt 500' to surface
circulate cement**

TOC @ 353' (T.S.)
8-5/8" 24# K-55 ST&C @ 363' w/ 400 sx, circ 55 sx

Perf @ 500' -- Sqz'd w/50 sx

Perf'd w/4 spf @ 1000' -- Sqz'd w/1550 sx cmt
TOC @ 353' (T.S.)

Top of Salt @ ~1,200'

25 sx C cmt 1,200 - 1,100' WOC & TAG

Base Salt @ ~2,800'

25 sx C cmt 2,800 - 2,422'

Perf'd w/4 spf @ 3775' -- Sqz'd w/145 sx cmt
circulate plugging mud from PBTD

25 sx C cmt 4,397 - 4,019'

4-1/2" CIBP @ 4397'

Grayburg

4455-4459 4514-4520

4530-4536 4551-4555

4563-4567 4573-4577

4589-4594

San Andres

4640-4642 4655-4661

4-1/2" CIBP @ 4750' w/20' cmt on top

7-7/8" Hole

4-1/2" 11.6# N-80 & L-80 LT&C @ 4800'

Cmt'd w/2650 sx TLW

w/500 sx Class H, circ 50 sx

TOC @ Surf

Subarea :
Lease & Well No :
Legal Description :
County :
Field :
Date Spudded :
API Number :
Status :

Buckeye
Leamex No. 38
1980' FNL & 990' FEL, Sec. 25, T17S, R33E
Lea State : New Mexico
Maljamar (Grayburg-San Andres)
Nov. 23, 1985 Rig Released: Dec. 20, 1985
30-025-29116
PROPOSED PLUGGED
State Lease No. B-2148

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	12/26/85	Set CIBP @ 4750' w/20' cement on top					
	12/27/85	Perforate 2 spf 4455-4661					
4455-4661	12/30/85	15% NEFE HCl	4,000		4300	2200	
4455-4661	12/31/85	Gelled KCl	66,000	121,500	2950		20.0
	4/10/86	Set RBP @ 4000' w/2 sx sand on top					
	4/11/86	Perforate 4 jspf @ 3775 -- Sqz w/85 sx cmt					
	4/11/86	Perforate 4 jspf @ 1000' - Sqz w/400 sx; TOC @ 353'					
	4/15/86	Sqz 200 sx @ 700'					
	4/17/86	Sqz 400 sx @ 700'					
	4/21/86	Sqz 400 sx @ 700'					
	4/22/86	Sqz 100 sx					
	4/23/86	Sqz 50 sx @ 500'					
	4/28/86	Cement retainer @ 3690' - Sqz 60 sx					
	5/1/86	Drill out cmt retainer and RBP					
	9/17/01	Set 4-1/2" CIBP @ 4397'					



PROPOSED PLUGGING PROCEDURE

- 1) circulate plugging mud from PBTD
- 2) 25 sx C cmt 4,397 - 4,019'
- 3) 25 sx C cmt 2,800 - 2,422'
- 4) 25 sx C cmt 1,200 - 1,100' WOC & TAG
- 5) Perf & Sqz 105 sx C cmt 500' to surface
circulate cement

Capacities

4 1/2" 11.6# csg:	11.468 ft/ft3	0.0872 ft3/ft
8 7/8" openhole:	2.3947 ft/ft3	0.4176 ft3/ft
7" 20# csg:	4.3995 ft/ft3	0.2273 ft3/ft
8 1/2" 24# csg:	2.797 ft/ft3	0.3575 ft3/ft
13 3/4" 61# csg:	1.711 ft/ft3	0.8542 ft3/ft

FORMATION TOPS:

Chinle	215'
Rustler	1458'
Salado	1648'
Yates	2810'
Queen	3812'
Grayburg Z1	4201'
Grayburg Z2	4245'
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