

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.	30-025-30080
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	45
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 D : 660 feet from the North line and 660 feet from the West line

Section 23 Township 17-S Range 33-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4,141' GR

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  
BE NOTIFIED 24 HOURS IN ADVANCE  
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 James F. Newman TITLE James F. Newman, P.E. (Triple N Services) DATE 03/19/07

Type or print name  
For State Use Only

E-mail address: jim@triplenservices.com PHONE NO. 432-687-1994

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

OC FIELD REPRESENTATIVE            DATE MAR 27 2007

**WELLBORE SKETCH**  
**ConocoPhillips Company -- Lower 48 Mid-Continent BU / Odessa**

Date: January 8, 2007

RKB @ 4150'  
 DF @ 4149'  
 GL @ 4141'

Subarea : Maljamar  
 Lease & Well No. : Leamex No. 45  
 Legal Description : 660' FNL & 660' FWL, Sec. 23, T-17-S, R-33-E  
 County : Lea State : New Mexico  
 Field : Maljamar Grayburg/San Andres  
 Date Spudded : Nov. 5, 1987 Rig Released: Nov. 16, 1987  
 API Number : 30-025-30080  
 Status: Temporarily Abandoned

State Lease B-2148

**Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	11/30/87	Perforate 2 SPF 4336-4594 (select fire) - 114 holes						
4336-4594	12/1/87	15% NEFE HCl	5,700					
4336-4594	12/3/87	Gelled 2% KCl	64,000	120,000	3600	3250	30.0	
	12/30/87	IPP 24 BO, 15 BW, GOR 7860						
	9/24/01	Set 5-1/2" CIBP @ 4273'						
		Temporarily Abandoned						

12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 1489'  
 Cmt'd w/1000 sx, circ 200 sx  
 TOC @ Surface

Top Salt @ 1650'

Base Salt @ 2870'

5-1/2" CIBP @ 4273'

== 4336-4341 4371-4376  
 == 4421-4424 4454-4456  
 == 4461-4465 4481-4484  
 == 4492-4500 4511-4517  
 == 4522-4524 4557-4560  
 == 4573-4575 4578-4583  
 == 4585-4594

**Formation Tops:**

Top Salt	1650'
Base Salt	2870'
Queen	3770'
Grayburg	4222'
San Andres	4524'

7-7/8" Hole

5-1/2" 15.5# K-55 ST&C @ 4800'

Cmt'd w/ 900 sx Class C lead cement

w/450 sx Class C Neat tail cement, circ 110 sx

PBTD @ 4273'  
 TD @ 4800'

TOC @ Surface

## ConocoPhillips

### Proposed Plugging Procedure

Leamex #45

API #30-025-30080

Maljamar Grayburg San Andres Field

Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 24# casing @ 1,489' cmt'd w/ 1,000 sx, circulated 200 sx to surface  
5 $\frac{1}{2}$ " 15.5# casing @ 4,800' cmt'd w/ 1,350 sx, circulated 110 sx to surface

- TA'd w/ CIBP set @ 4,273' (09/24/01)
  - Notify NMOCDD 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 coiled tubing unit. ND wellhead and NU lubricator.
  2. RIH w/ 1 $\frac{1}{2}$ " coiled tubing, tag BP @ ~4,273'. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 247' in 5 $\frac{1}{2}$ " 15.5# casing) 4,273 – 4,026'. **Grayburg/San Andres plug**
  3. POOH w/ tubing to 2,970' and pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 247' in 5 $\frac{1}{2}$ " 15.5# casing) 2,970 – 2,723'. **Base of salt plug**
  4. POOH w/ tubing to 1,650' and pump 25 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 247' in 5 $\frac{1}{2}$ " 15.5# casing) 1,650 – 1,403'. WOC & tag this plug no deeper than 1,439'. **Top of salt & surface casing shoe plug**
  5. POOH w/ tubing to 400' and circulate 45 sx C cement (1.32 ft<sup>3</sup>/sk yield, 59.4 ft<sup>3</sup> slurry volume, calculated fill 445' in 5 $\frac{1}{2}$ " 15.5# casing) 400' to surface. **Surface plug**
  6. POOH w/ tubing, ND lubricator, wash out tubing.
  7. RDMO location.
  8. 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.

Date: March 19, 2007

Subarea :	Maljamar	
Lease & Well No. :	Leamex	No. 45
Legal Description :	660' FNL & 660' FWL, Sec. 23, T-17-S, R-33-E	
County :	Lea	State : New Mexico
Field :	Maljamar	Grayburg/San Andres
Date Spudded :	Nov. 5, 1987	Rig Released: Nov. 16, 1987
API Number :	30-025-30080	
Status:	<b>PROPOSED PLUGGED</b>	

**State Lease      B-2148**

<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	Lbs. <u>Sand</u>	Max <u>Press</u>	Max <u>ISIP</u>	Max <u>Rate</u>	<u>Down</u>
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	12/30/87	IPP 24 BO, 15 BW, GOR 7860						

9/24/01      **Set 5-1/2" CIBP @ 4273'**  
Temporarily Abandoned

Top Salt @ 1650'  
25 sx C cmt 1.650 - 1.439' WOC & TAG

**TRIPLE N**  
SERVICES INC.  
MIDLAND, TX

- 1) circulate plugging mud from PBTD
- 2) 25 sx C cmt 4,273 - 4,026'
- 3) 25 sx C cmt 2,970 - 2,723'
- 4) 25 sx C cmt 1,650 - 1,439' WOC & TAG
- 5) 45 sx C cmt 400' to surface, circulate cmt

5½" 15.5# csg:	7.485	ft/ft3	0.1336	ft3/ft
8¾" openhole:	2.3947	ft/ft3	0.4176	ft3/ft
7" 20# csg:	4.3995	ft/ft3	0.2273	ft3/ft
8¾" 24# csg:	2.797	ft/ft3	0.3575	ft3/ft
13¾" 61# csg:	1.711	ft/ft3	0.8542	ft3/ft

**25 sx C cmt 2,970 - 2,723'**

**circulate plugging mud from PBTD**

25 sx C cmt 4.273 - 4.026'

**5-1/2" CIBP @ 4273'**

4336-4341 4371-4376  
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