

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.	30-025-30097
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	44
9. OGRID Number	217817
10. Pool name or Wildcat	Maljamar / Grayburg San Andres

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

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 1,980 feet from the West line
Section 25 Township 17-S Range 33-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,112' GR 4,121' RKB

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		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 WILL NOT
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 James F. Newman TITLE James F. Newman, P.E. (Triple N Services) DATE 03/23/07

Type or print name E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

For State Use Only

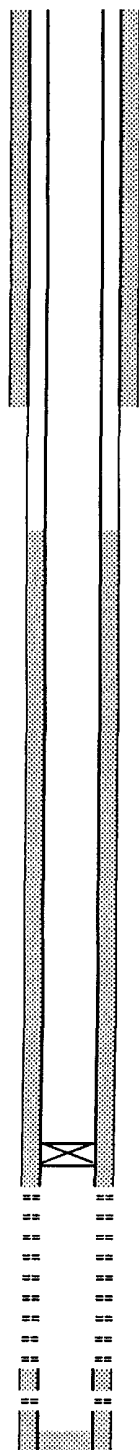
APPROVED BY: Harry W. Wink TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 27 2007
Conditions of Approval (if any):

WELLBORE SKETCH

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

Date: February 1, 2007

RKB @ 4121'
DF @ 4120'
GL @ 4112'



12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 1,475' cmt'd w/ 1,000 sx, circ. 220 sx

Top Salt @ 1,571'

TOC 5-1/2" Csg @ 1710'

Base Salt @ 2660'

5-1/2" E-Z Drill BP @ 4185'

Grayburg

4231-4235
4319-4327
4372-4380
4393-4395
4519-4522
4544-4546
4580-4584
4580-4582
4590-4594
San Andres
4657-4661

7-7/8" Hole

5-1/2" 17# N-80 LT&C @ 4751'

Cmt'd w/2000 sx, did not circulate
TOC @ 1710' (T.S.)

PBTD @ 4185'
TD @ 4751'

Subarea : Buckeye
Lease & Well No. : Leamex No. 44
Legal Description : 660' FSL & 1980' FWL, Sec. 25, T-17-S, R-33-E
County : Lea State : New Mexico
Field : Majamar (Grayburg-San Andres)
Date Spudded : Jan. 30, 1988 Rig Released: Feb. 11, 1988
API Number : 30-025-30097
Status:

State Lease No. B-2148

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	2/17/88	Perforate 4231-4661' (select fire) 81 holes						
4231-4661	2/18/88	15% NEFE HCl	4,100	110 BS	4400	3100	4.1	5-1/2"
4231-4661	2/20/88	X-Link Gel	41,000	81,000	3600	3200	30.5	5-1/2"
	9/1/01	Set 5-1/2" E-Z Drill BP @ 4185', circulate packer fluid Test to 500#, OK Temporarily Abandon						

FORMATION TOPS:

Top Salt	1571'
Base Salt	2660'
Queen	3805'
Grayburg Z1	4168'
Grayburg Z2	4214'
Grayburg Z3	4312'
Grayburg Z4	4424'
Grayburg Z5	4474'
Grayburg Z6	4539'
Grayburg Z7	4595'
San Andres	4596'

ConocoPhillips

Proposed Plugging Procedure

Leamex #44

API #30-025-30097

Maljamar Grayburg San Andres Field

Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 24# casing @ 1,475' cmt'd w/ 1,000 sx, circulated 220 sx to surface
5 $\frac{1}{2}$ " 17# casing @ 4,751' cmt'd w/ 2,000 sx, TOC 1,750'

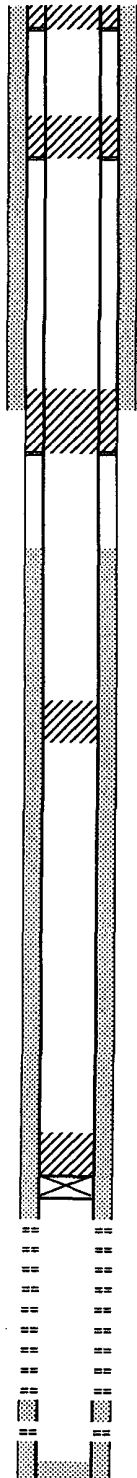
- TA'd w/ CIBP set @ 4,185' (09/01/01)
 - Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. MIRU Triple N pulling unit. ND wellhead and NU BOP.
 2. RIH w/ 2 $\frac{3}{8}$ " workstring tubing, tag CIBP @ ~4,185'. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5 $\frac{1}{2}$ " 17# casing) 4,185 – 3,932'. **Grayburg/San Andres plug**
 3. POOH w/ tubing to 2,760' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5 $\frac{1}{2}$ " 17# casing) 2,760 – 2,507'. POOH w/ tubing. **Base of salt plug**
 4. RU lubricator and RIH w/ wireline. Perforate 5 $\frac{1}{2}$ " casing @ 1,571' w/ four 1-11/16" link-jet perforating charges. POOH w/ wireline, RD lubricator.
 5. RIH w/ AD-1 packer to ~1,200'. Load hole and set packer. Establish rate into perforations @ 1,571' at 1,000 psi or less. Squeeze 75 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 99.0 ft³ slurry volume, calculated fill 293' in 7 $\frac{1}{8}$ " open hole) 1,571 – 1,278'. WOC & tag this plug no deeper than 1,425'. **Top of salt & surface casing shoe plug**
 6. RU lubricator and RIH w/ wireline. Perforate 5 $\frac{1}{2}$ " casing @ 400' w/ four 1-11/16" link-jet perforating charges. POOH w/ wireline, RD lubricator.
 7. RIH w/ AD-1 packer to ~60'. Load hole and set packer. Establish rate into perforations @ 400' at 500 psi or less. Squeeze 35 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 129' in 8 $\frac{5}{8}$ " 24# casing) 400 – 271'. WOC & tag this plug no deeper than 300'. **Freshwater plug**
 8. RIH w/ wireline. Perforate 5 $\frac{1}{2}$ " casing @ 60' w/ four 1-11/16" link-jet perforating charges. POOH w/ wireline.

9. ND BOP, NU wellhead. Establish circulation via perforations @ 60' and circulate 20 sx C cement (1.32 ft³/sk yield, 26.4 ft³ slurry volume, calculated fill 74' in 8⁵/₈" 24# casing) 60' to surface. **Surface plug**
10. RDMO location.
11. 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 @ 4121'
DF @ 4120'
GL @ 4112'



Perf/Sqz 20 sx C cmt 60' to surface,
circulate cmt

Perf/Sqz 35 sx C cmt 400 - 271'
W.D.C. + TAG

12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 1,475' cmt'd w/ 1,000 sx, circ. 220 sx

Top Salt @ 1,571'

Perf/Sqz 75 sx C cmt 1,571 - 1,425' WOC/TAG

TOC 5-1/2" Csg @ 1710'

Base Salt @ 2660'

25 sx C cmt 2,760 - 2,507'

circulate plugging mud from PBTD

25 sx C cmt 4,185 - 3,932'

5-1/2" E-Z Drill BP @ 4185'

Grayburg

4231-4235

4319-4327

4372-4380

4393-4395

4519-4522

4544-4546

4560-4564

4580-4582

4590-4594

San Andres

4657-4661

7-7/8" Hole

5-1/2" 17# N-80 LT&C @ 4751'

PBTD @ 4185' Cmt'd w/2000 sx, did not circulate
TD @ 4751' TOC @ 1710' (T.S.)

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Lease & Well No.: Leamex No. 44
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4231-4661	2/20/88	X-Link Gel	41,000	81,000	3600	3200	30.5	5-1/2"
	9/1/01	Set 5-1/2" E-Z Drill BP @ 4185', circulate packer fluid						
		Test to 500#, OK						
		Temporarily Abandon						



PROPOSED PLUGGING PROCEDURE

- 1) circulate plugging mud from PBTD
- 2) 25 sx C cmt 4,185 - 3,932'
- 3) 25 sx C cmt 2,760 - 2,507'
- 4) Perf/Sqz 75 sx C cmt 1,571 - 1,425' WOC/TAG
- 5) Perf/Sqz 35 sx C cmt 400 - 271'
- 6) Perf/Sqz 20 sx C cmt 60' to surface, circ. cmt

Capacities

5 1/2" 17# csg:	7.663	ft/ft3	0.1305	ft3/ft
8 1/2" 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 1/2" 61# csg:	1.711	ft/ft3	0.8542	ft3/ft

FORMATION TOPS:

Top Salt	1571'
Base Salt	2660'
Queen	3805'
Grayburg Z1	4168'
Grayburg Z2	4214'
Grayburg Z3	4312'
Grayburg Z4	4424'
Grayburg Z5	4474'
Grayburg Z6	4539'
Grayburg Z7	4595'
San Andres	4596'