

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.	30-025-29815
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	B-4118
7. Lease Name or Unit Agreement Name	Leamex
8. Well Number	039
9. OGRID Number	217817
10. Pool name or Wildcat	Maljamar Grayburg / San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,166' GL; 4,177' 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	

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
4001 Penbrook Street Odessa, Texas 79762

4. Well Location
Unit Letter J : 1,805 feet from the South line and 1,980 feet from the east line
Section 21 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 WELLBORE DIAGRAMS & PROPOSED PLUGGING PROCEDURE

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

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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 05/18/06

Type or print name James F. Newman
For State Use Only

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

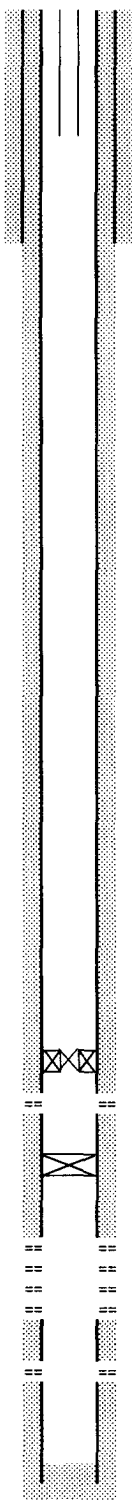
APPROVED BY: Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAY 23 2006
Conditions of Approval (if any):

LEAMEX #39 - WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Area

Date: April 23, 2004

RKB @ 4177'
DF @ 4176'
GL @ 4166'



12-1/4" Hole

8-5/8" OD @ 1538'
24# K-55, ST&C (37 jts)
Cmt'd w/1000 sx Class C
Circ 25 sx
TOC @ Surface

Pkr @ 3,980' w/ blanking plug
Queen
4059' - 4069' (3/00)

CIBP @ 4,120' (6/00)

Grayburg
4282' - 4286' 4' - 8 holes
4411' - 4415' 4' - 8 holes
4456' - 4463' 7' - 14 holes
4476' - 4480' 4' - 8 holes

San Andres
4532' - 4544' 12' - 24 holes

7-7/8" Production Hole

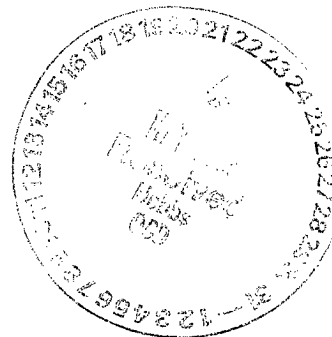
5-1/2" OD set @ 4805'
17# K-55 ST&C (117 jts)
Cmt'd 1st Stage: 1200 sx Class C
Tail: 400 sx Class C
Circ 304 sx
TOC @ Surface

PBTD: 4120'
TD: 4805'

Subarea : Maljamar
Lease & Well No. : Leamex No. 39
Legal Description : 1805' FSL & 1980' FEL, Sec. 21, T-17-S, R-33-E
County : Lea State : New Mexico
Field : Maljamar (Grayburg/San Andres)
Date Spudded : Jan. 1, 1987 Released Rig: Jan 12, 1987
API Number : 30-025-29815
Status:

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	Max ISIP	Max Rate	Down
2/13/87	2/13/87	Perf Grayburg San Andres 4282-4544						
4532-4544	2/14/87	15% NEFE	1,800	18 BS	4300	2800	3.1	
4282-4544	2/14/87	15% NEFE	1,900	31 BS	4200	2000	3.7	
4282-4544	2/19/87	X-Link 2% KCl gel	32,000	62,500		2600		
	3/25/87	IPP Pmp 40 BO, 18 BW, GOR 450						
4282-4544	2/12/88	15% HCl	2,000	95 BS	4001	700	2.0	2-3/8"
		Scale sqz 1 drum Techni-Hib 756 w/20 bbls wtr						
		Prod Before 25 BO GOR 705 15 BW						
	2/22/88	Prod After 17 BO GOR 705 25 BW						
4282-4544	7/11/92	15% NEFE HCl	1,500		1200	400	3.0	2-3/8"
		Prod Before 25 BO 1 Mcf 1 BW						
	7/17/92	Prod After 10 BO 10 Mcf 6 BW						
	3/20/00	Perf Queen 4059-4069; set CIBP @ 4120'; TA GB/SA						
4059-4069	3/21/00	Water Frac 20	2,000		2954		6.7	
		Delta Frac 20	6,000	14,000	3536	3535	8.2	
	3/24/00	Run in w/blanking plug (1.875). Set plug at 3978.75' in F Profile Nipple.						
	5/31/00	Shut-In						
	6/30/00	Well Shut-In						
		Tag fill @ 4059; clean out to 4120'. Shut-In						
	7/3/00	Pull tbg plug, got out w/center pin out of plug. COOH w/tbg plug						
	7/11/00	Set tbg plug in pkr @ 3980', blow tbg down. 0 psi on tbg. RD JSI. Release On/Off Tool and COOH laying down tbg on racks. GIH w/10 stds of prod tbg.						
	4/24/04	performed MIT to 500 psi, held						



Formation Tops:

Rustler	1413'
Yates	2730'
Queen	3710'
Grayburg	4074'
San Andres	4487'

ConocoPhillips

Proposed Plugging Procedure

Leamex #39

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

Casings: 8⁵/₈" 24# casing @ 1,538' cmt'd w/ 1,000 sx, circulated
5¹/₂" 17# -55 casing @ 4,805' cmt'd w/ 1,200 sx, circulated

- Packer w/ blanking plug @ 3,980' (07/11/00), passed MIT 04/24/04
- Notify BLM & 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

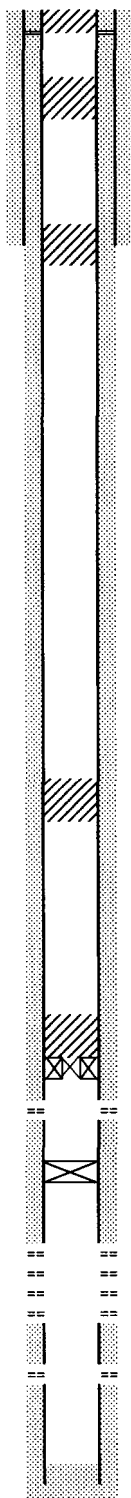
1. Set steel pit and flow down well as needed. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
2. POOH w/ kill string. RIH w/ 2³/₈" workstring to 3,980'. RU cementer and circulate hole w/ mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5¹/₂" 17# casing) 3,980 – 3,727'.
3. POOH w/ tubing to 2,700'. RU cementer and load hole w/ mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5¹/₂" 17# casing) 2,700 – 2,447'.
Base of salt plug
4. POOH w/ tubing to 1,538'. RU cementer and load hole w/ mud. Pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5¹/₂" 17# casing) 1,583 – 1,330'. PUH w/ tubing. WOC & TAG this plug no deeper than 1,483'. **Top of Salt & surface casing shoe plug**
5. POOH w/ tubing to 450'. RU cementer and load hole w/ mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5¹/₂" 17# casing) 450 – 197'. POOH w/ tubing. **freshwater plug**
6. RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 50'. POOH w/ wireline. ND BOP, NU wellhead. Circulate 25 sx C cement (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 92' in 8⁵/₈" 24# casing) 50' to surface.
surface plug
7. 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 - LEAMEX #39

ConocoPhillips Company - Permian Basin Area

Date: April 23, 2004

RKB @ 4177'
DF @ 4176'
GL @ 4166'



25 sx C cmt 50' to surface, perf/sqz
circulating cmt to surface in all csqs

25 sx C cmt 450 - 197'

12-1/4" Hole

8 3/4" 24# K55 @ 1,538' cmt'd w/ 1,000 sx
circulated 25 sx

25 sx C cmt 1,538 - 1,438' WOC & TAG

base of salt @ ~2,700'

25 sx C cmt 2,700 - 2,447'

25 sx C cmt 3,980 - 3,727'

Packer @ 3,980' w/ blanking plug

Queen

4059' - 4069' (3/00)

CIBP @ 4,120' (6/00)

Grayburg

4282' - 4286' 4' - 8 holes

4411' - 4415' 4' - 8 holes

4456' - 4463' 7' - 14 holes

4476' - 4480' 4' - 8 holes

San Andres

4532' - 4544' 12' - 24 holes

7-7/8" Production Hole

5-1/2" OD set @ 4805'

17# K-55 ST&C (117 jts)

Cmt'd 1st Stage: 1200 sx Class C

Tail: 400 sx Class C

Circ 304 sx

TOC @ Surface

PBTD: 4120'
TD: 4805'

Subarea: Majamar
Lease & Well No.: Leamex No. 39
Legal Description: 1805' FSL & 1980' FEL, Sec. 21, T-17-S, R-33-E
County: Lea State: New Mexico
Field: Majamar (Grayburg/San Andres)
Date Spudded: Jan. 1, 1987 Released Rig: Jan 12, 1987
API Number: 30-025-29815
Status: proposed plugged

Stimulation History:

Interval	Date	Type	Gals	Sand	Lbs.	Max Press	ISIP	Max Rate	Down
2/13/87	2/13/87	Perf Grayburg San Andres 4282-4544							
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4282-4544	2/19/87	X-Link 2% KCl gel	32,000	62,500			2600		
	3/25/87	IPP Pmp 40 BO, 18 BW, GOR 450							
4282-4544	2/12/88	15% HCl	2,000	95 BS		4001	700	2.0	2-3/8"
		Scale sqz 1 drum Techni-Hib 756 w/20 bbls wtr							
		Prod Before 25 BO GOR 705					15 BW		
	2/22/88	Prod After 17 BO GOR 705					25 BW		
4282-4544	7/11/92	15% NEFE HCl	1,500			1200	400	3.0	2-3/8"
		Prod Before 25 BO		1 Mcf			1 BW		
	7/17/92	Prod After 10 BO		10 Mcf			6 BW		
	3/20/00	Perf Queen 4059-4069; set CIBP @ 4120'; TA GB/SA							
4059-4069	3/21/00	Water Frac 20	2,000			2954		6.7	
		Delta Frac 20	6,000	14,000		3536	3535	8.2	
	3/24/00	Run in w/blanking plug (1.875). Set plug at 3978.75' in F Profile Nipple.							
	5/31/00	Shut-In							
	6/30/00	Well Shut-In							
		Tag fill @ 4059; clean out to 4120'. Shut-In							
	7/3/00	Pull tbq plug, got out w/center pin out of plug. COOH w/tbg plug							
	7/11/00	Set tbq plug in pkr @ 3980', blow tbq down. 0 psi on tbq. RD JSI.							
		Release On/Off Tool and COOH laying down tbq on racks.							
		GIH w/10 stds of prod tbq.							
	4/24/04	performed MIT to 500 psi, held							



PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt 3,980 - 3,727'
- 2) 25 sx C cmt 2,700 - 2,447'
- 3) 25 sx C cmt 1,538 - 1,438' WOC & TAG
- 4) 25 sx C cmt 450 - 197'
- 5) 25 sx C cmt 50' to surface, perforate & sqz circulating cement to surface in all casings

Capacities

4 1/2" 9.5# csg:	10.960 ft/ft3	0.0912 ft3/ft
5 1/2" 14# csg:	7.299 ft/ft3	0.1370 ft3/ft
5 1/2" 17# csg:	7.661 ft/ft3	0.1305 ft3/ft
7" 20# csg:	4.399 ft/ft3	0.2273 ft3/ft
7 5/8" 26.4# csg:	3.775 ft/ft3	0.2648 ft3/ft
8 5/8" 28# csg:	2.853 ft/ft3	0.3505 ft3/ft
10 3/4" 40.5# csg:	1.815 ft/ft3	0.5508 ft3/ft
7 7/8" openhole:	2.957 ft/ft3	0.3382 ft3/ft
8 3/4" openhole:	2.395 ft/ft3	0.4176 ft3/ft
12 1/4" openhole:	1.222 ft/ft3	0.8185 ft3/ft

Formation Tops:

Rustler	1413'
Yates	2730'
Queen	3710'
Grayburg	4074'
San Andres	4487'

