

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.	30-025-26421
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	20
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 B : 550 feet from the North line and 1,703 feet from the East line
Section 23 Township 17-S Range 33-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,099' GR 4,108' 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 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 03/22/07

Type or print name
For State Use Only

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

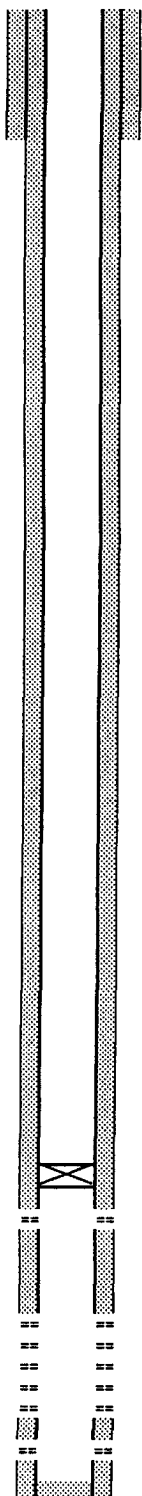
APPROVED BY: Harry W. Wink
Conditions of Approval (if any):

OC FIELD REPRESENTATIVE II/STAFF MANAGER
TITLE DATE MAR 27 2007

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

Date: March 6, 2007

RKB @ 4128.9'
 DF @ 4127.9'
 GL @ 4116.3'



12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 410'
 Cmt'd w/600 sx, circ 50 sx
 TOC @ Surface

Top Salt @ ~1,675'

Base Salt @ ~2,700'

4-1/2" E-Z Drill BP @ 3735'
Queen
 3778-3801 - 23' - 46 holes

Grayburg
 4224-4229 4297-4303
 4350-4355
 4389-4395 4441-4446
 4483-4489 4493-4498
 4505-4508 4514-4524
San Andres
 4593-4599 4633-4637

7-7/8" Hole
 4-1/2" 11.6# N-80 @ 4704'
 Cmt'd w/1200 sx TLW
 w/250 sx Class H, circulate
 TOC @ Surface

PBTD @ 3735'
 TD @ 4704'

Subarea : Buckeye
 Lease & Well No. : Leamex No. 20
 Legal Description : 550' FNL & 1703' FEL, Sec. 23, T17S, R33E
 County : Lea State : New Mexico
 Field : North Corbin Queen and Majamar Grayburg San Andres
 Date Spudded : Nov. 3, 1979 Rig Released: Nov. 14, 1979
 API Number : 30-025-26421
 Status: _____
 State Lease No. B-2148

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	11/27/79	Perforate 2 jsfp 4389-4498'						
4483-4498	11/29/79	Super HF	500		3000	2700	2.4	
4441-4446	11/29/79	Super HF	250		4500	2900	1.0	
4389-4395	11/29/79	Super HF	250		3050	1500	1.2	
4389-4498	11/30/79	Refined Oil (RO)						
	6/30/83	Set RBP @ 4247'						
	6/30/83	Perforate 3778-3801						
3778-3801	7/1/83	15% NEFE	2,500					
	5/8/87	Drill out RBP to 4650'						
	5/9/87	Perforate 2 jsfp 4224-4637 (select fire) 78 holes						
4224-4637	5/13/87	15% NEFE HCl	4,600	119 BS	4000	2700	4.0	
4224-4637	5/15/87	X-Link	40,000	70,000	5500	3600	13.5	
3778-3801	5/19/87	15% NEFE HCl	1,000	46 BS	2500	1500	3.0	
	4/26/01	Set 4-1/2" E-Z Drill BP @ 3735'						

FORMATION TOPS:

Top Salt	
Base Salt	
Rustler	1469'
Salado	1675'
Yates	2810'
Queen	3768'
Grayburg	4207'
Grayburg Z1	4380'
Grayburg Z2	4440'
Grayburg Z3	4482'
Grayburg Z4	
Grayburg Z5	
Grayburg Z6	
Grayburg Z7	
San Andres	4540'

ConocoPhillips

Proposed Plugging Procedure

Leamex #20

API #30-025-26421

Maljamar Grayburg San Andres Field

Lea County, New Mexico

Casings: 8⁵/₈" 24# casing @ 410' cmt'd w/ 600 sx, circ. to surface
4¹/₂" 11.6# casing @ 4,704' cmt'd w/ 1,450 sx, circulated to surface

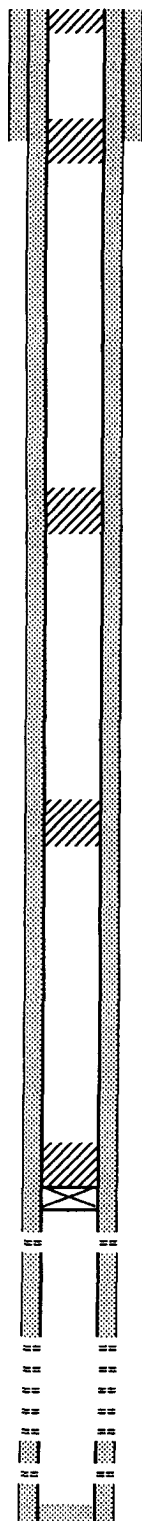
- TA'd w/ EZ Drill BP set @ 3,735' (set 04/26/01)
- Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
- Hold daily tailgate safety meetings w/ crews
- Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in

1. Set steel pit and flow down well as needed. MIRU coiled tubing unit. ND wellhead and NU lubricator.
2. RIH w/ 1¹/₂" coiled tubing, tag BP @ ~3,735'. 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) 3,735 – 3,357'. **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 1,675' 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) 1,675 – 1,297'. WOC & tag this plug no deeper than 1,575'. **Top of salt plug**
5. POOH w/ tubing to 460' 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) 460 – 82'. POOH w/ tubing. **surface casing shoe plug**
6. POOH w/ tubing circulate 5 sx C cement (1.32 ft³/sk yield, 69.6 ft³ slurry volume, calculated fill 75' in 4¹/₂" 11.6# casing) 60' to surface. **Surface plug**
7. POOH w/ tubing, ND lubricator, wash out tubing.
8. RDMO location.
9. 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 22, 2007

RKB @ 4128.9'
 DF @ 4127.9'
 GL @ 4116.3'



5 sx C cmt 60' to surface

12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 410' w/ 600 sx, circ.
 25 sx C cmt 460 - 82'

25 sx C cmt 1,675 - 1,575' WOC & TAG
 Top Salt @ ~1,675'

Base Salt @ ~2,700'

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

circulate plugging mud from PBTD

25 sx C cmt 3,735 - 3,357'

4-1/2" E-Z Drill BP @ 3735'

Queen

3778-3801 - 23' - 46 holes

Grayburg

4224-4229 4297-4303

4350-4355

4389-4395 4441-4446

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San Andres

4593-4599 4633-4637

7-7/8" Hole

4-1/2" 11.6# N-80 @ 4704'

PBTD @ 3735'

TD @ 4704'

Cmt'd w/1200 sx TLW

w/250 sx Class H, circulate

TOC @ Surface

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	4/26/01	Set 4-1/2" E-Z Drill BP @ 3735'						



PROPOSED PLUGGING PROCEDURE

- 1) circulate plugging mud from PBTD
- 2) 25 sx C cmt 3,735 - 3,357'
- 3) 25 sx C cmt 2,800 - 2,422'
- 4) 25 sx C cmt 1,675 - 1,575' WOC & TAG
- 5) 25 sx C cmt 460 - 82'
- 6) 5 sx C cmt 60' to surface

Capacities

4 1/2" 11.6# csg:	11.468 ft/ft3	0.0872 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 1/4" 24# csg:	2.797 ft/ft3	0.3575 ft3/ft
13 3/4" 61# csg:	1.711 ft/ft3	0.8542 ft3/ft

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