

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.

30-025-30425

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

B-4118

7. Lease Name or Unit Agreement Name
Lea

8. Well Number

42

9. OGRID Number

217817

10. Pool name or Wildcat

Vacuum 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 N : 660 feet from the South line and 1,980 feet from the West line

Section 29 Township 17-S Range 34-E NMPM County Lea

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

4,078' 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 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 06/05/07

Type or print name
For State Use Only

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

APPROVED BY: Gary W. Wink OGD FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUN 12 2007
Conditions of Approval (if any):

WELLBORE SKETCH

ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

Date: May 24, 2007

RBM @ 4090'
DF @ 4089'
GL @ 4078'



12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 1567' (35 jts)
Cmt'd w/1000 sxs CI C, circ 125 sx
TOC @ Surface

Top Salt @

Base Salt @

5-1/2" CIBP @ 4100'

Grayburg
4149-4151 4185-4187
4202-4205 4271-4274
4336-4339 4377-4380
4440-4445 4503-4508
4519-4525 4530-4535
4555-4557 4560-4564
4566-4570 4576-4578
4582-4586
San Andres
4668-4681

Float Collar @ 4753'
7-7/8" Hole
5-1/2" 15.5# ST&C @ 4800'
Cmt'd w/1100 sx, circ 225 sx
TOC @ Surface

PBTD: 4100'
TD: 4800'

Lease & Well No. : Lea 42
Legal Description : 660' FSL & 1980' FWL, Unit Letter N, Sec. 29, T17S, R34E
County : Lea State : New Mexico
Field : Vacuum (Grayburg/San Andres)
Date Spudded : 8/18/88 Rig Released: 8/25/88
API Number : 30-025-30425
Status: State Lease B-4118

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	9/1/88	Perforated 2 jsp, select fire, 4149-4681						
4149-4681	9/2/88	15% NEFE HCl	7,000	155 BS	3700	2150	4.2	
4149-4681	9/4/88	X-Link 2% KCl	70,000	133,000	4000	2830	31.0	
	4/25/01	Set 5-1/2" CIBP @ 4100'						

Formation Tops:

Rustler
Yates
Queen
Grayburg
San Andres

ConocoPhillips

Proposed Plugging Procedure

Lea #42

API #30-025-30425

Vacuum Grayburg San Andres Field

Lea County, New Mexico

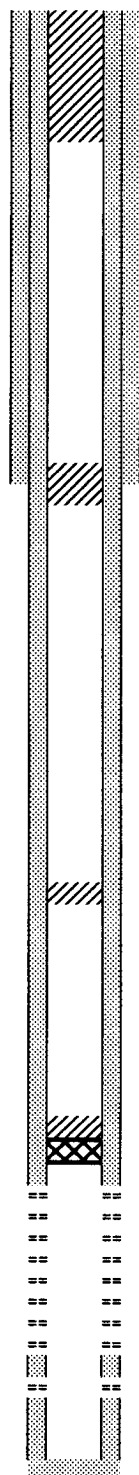
Casings: 8⁵/₈" 24# casing @ 1,567' cmt'd w/ 1,000 sx, circ. to surface
5¹/₂" 15.5# casing @ 4,800' cmt'd w/ 1,100 sx, circulated to surface

- TA'd w/ CIBP set @4,100' (set 04/25/01)
 - 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/ 2³/₈" workstring, tag CIBP @ ~4,100'. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5¹/₂" 15.5# casing) 4,100 – 3,853'. **Grayburg plug**
 3. POOH w/ tubing to 2,764' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5¹/₂" 15.5# casing) 2,764 – 2,517'. **Base of salt plug**
 4. POOH w/ tubing to 1,665' and pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5¹/₂" 15.5# casing) 1,665 – 1,418'. WOC & tag this plug no deeper than 1,517'. **Top of salt and surface casing shoe plug**
 5. POOH w/ tubing to 400' and pump 45 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 444' in 5¹/₂" 15.5# casing) 400' to surface. **Surface plug**
 6. POOH w/ tubing, top off wellbore w/ cmt as needed. ND BOP, wash out tubing & BOP.
 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.

PROPOSED PLUGGED WELLBORE SKETCH ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

Date: June 4, 2007

RBM @ 4090'
 DF @ 4089'
 GL @ 4078'



12-1/4" Hole

45 sx C cmt 400' to surface

8-5/8" 24# K-55 ST&C @ 1567' (35 jts)
 Cmt'd w/1000 sxs CI C, circ 125 sx
 TOC @ Surface

25 sx C cmt 1,665 - 1,517' WOC & TAG
 Top Salt @ 1,665

Base Salt @ 2,664
 25 sx C cmt 2,764 - 2,517'

circulate plugging mud from PBTD

25 sx C cmt 4,100 - 3,853'
 5-1/2" CIBP @ 4100'

Grayburg
 4149-4151 4185-4187
 4202-4205 4271-4274
 4336-4339 4377-4380
 4440-4445 4503-4508
 4519-4525 4530-4535
 4555-4557 4560-4564
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 4582-4586
San Andres
 4668-4681

Float Collar @ 4753'
 7-7/8" Hole
 5-1/2" 15.5# ST&C @ 4800'
 Cmt'd w/1100 sx, circ 225 sx
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PBTD: 4100'
 TD: 4800'

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	4/25/01	Set 5-1/2" CIBP @ 4100'						



PROPOSED PLUGGING PROCEDURE

- 1) circulate plugging mud from PBTD
- 2) 25 sx C cmt 4,100 - 3,853'
- 3) 25 sx C cmt 2,764 - 2,517'
- 4) 25 sx C cmt 1,665 - 1,517' WOC & TAG
- 5) 45 sx C cmt 400' to surface

Capacities

4-1/2" 9.5# csg:	10.960	ft/ft3	0.0912	ft3/ft
5-1/2" 15.5# csg:	7.483	ft/ft3	0.1336	ft3/ft
7" 20# csg:	4.399	ft/ft3	0.2273	ft3/ft
7" 24# csg:	4.567	ft/ft3	0.2189	ft3/ft
7-5/8" 26.4# csg:	3.775	ft/ft3	0.2648	ft3/ft
8-5/8" 24# csg:	2.797	ft/ft3	0.3575	ft3/ft
9-5/8" 36# csg:	2.304	ft/ft3	0.4340	ft3/ft
13-3/8" 48# csg:	1.134	ft/ft3	0.8817	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
11" openhole:	1.515	ft/ft3	0.66	ft3/ft

Formation Tops:

Rustler
 Yates
 Queen
 Grayburg
 San Andres