

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.	30-025-30076
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	B-4118
7. Lease Name or Unit Agreement Name	Lea
8. Well Number	37
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 F : 1,980 feet from the North line and 1980 feet from the West line

Section 19 Township 17-S Range 34-E NMPM County Lea

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

4,110' GL 4,119' 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 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 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 **06/08/07**

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
DATE

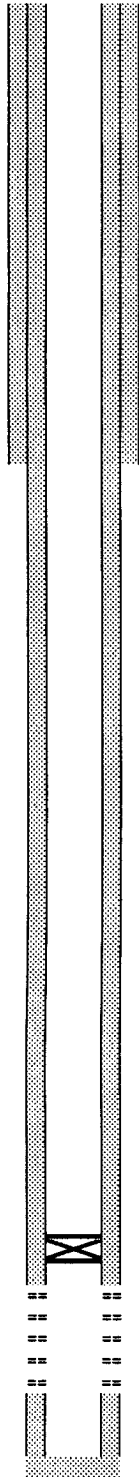
JUN 12 2007

WELLBORE SKETCH

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

Date: May 24, 2007

RBM @ 4119'
DF @ 4118'
GL @ 4110'



12-1/4" Hole

8-5/8" 24# K-55 ST&C @ 1535'
Cmt'd w/1000 sx cmt, circ 196 sx
TOC @ Surface

Top Salt @ 1695'

Base Salt @ 2888'

5-1/2" CIBP @ 4300'

Grayburg
4376-4380 4426-4430
4461-4460 4479-4481
4510-4514 4524-4526
4533-4535 4558-4561
4575-4590

7-7/8" Hole
5-1/2" 15.5# K-55 LT&C @ 4783' (113 jts.)
Cmt'd w/1800 sx, circ 250 sx
TOC @ Surface

PBTD: 4300'
TD: 4800'

Lease & Well No.: Lea 37
Legal Description: 1980' FNL & 1980' FWL, Unit Letter F, Sec. 19, T17S, R34E
County: Lea State: New Mexico
Field: Vacuum (Grayburg/San Andres)
Date Spudded: 1/23/88 Rig Released: 2/4/88
API Number: 30-025-30076
Status: State Lease B-4118

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	Max ISIP	Max Rate Down
	2/10/88	Perforate 2 SPF 4376-4590 (select fire) total 82 holes					
4376-4590	2/11/88	15% NEFE HCl	4,100		4450	2500	4.1
4376-4590	2/13/88	X-Link 2% KCl	42,000	82,000	4500	4450	29.5
	7/30/94	Set 5-1/2" CIBP @ 4300'					

Formation Tops:

Anhydrite	1511'
Top Salt	1695'
Base Salt	2888'
Queen	3812'
Grayburg	4303'
San Andres	4592'

ConocoPhillips

Proposed Plugging Procedure

Lea #37

API #30-025-30076

Vacuum Grayburg San Andres Field

Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 24# casing @ 1,535' cmt'd w/ 1,000 sx, circ. to surface
5 $\frac{1}{2}$ " 15.5# casing @ 4,783' cmt'd w/ 1,800 sx, circulated to surface

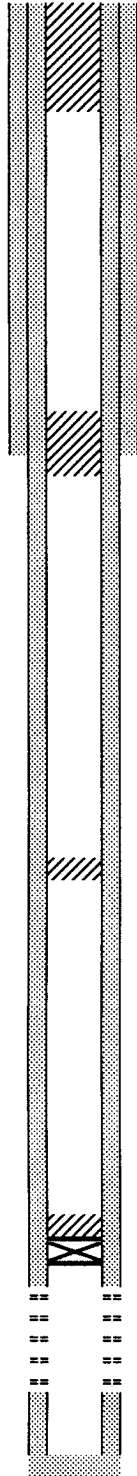
- TA'd w/ EZ Drill CIBP set @ 4,300' (set 07/30/94)
- Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
- Hold daily tailgate safety meetings w/ crews
- Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in

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, tag CIBP @ ~4,300'. 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 5 $\frac{1}{2}$ " 15.5# casing) 4,300 – 4,053'. **Grayburg plug**
3. POOH w/ tubing to 2,988' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5 $\frac{1}{2}$ " 15.5# casing) 2,988 – 2,741'. **Base of salt plug**
4. POOH w/ tubing to 1,700' and pump 30 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 39.6 ft³ slurry volume, calculated fill 296' in 5 $\frac{1}{2}$ " 15.5# casing) 1,700 – 1,404'. WOC & tag this plug no deeper than 1,485'. **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 5 $\frac{1}{2}$ " 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 8, 2007

RBM @ 4119'
 DF @ 4118'
 GL @ 4110'



12-1/4" Hole

45 sx C cmt 400' to surface

8-5/8" 24# K-55 ST&C @ 1535'
 Cmt'd w/1000 sx cmt, circ 196 sx
 TOC @ Surface

Top Salt @ 1695'
 30 sx C cmt 1,700 - 1,485' WOC & TAG

Base Salt @ 2888'
 25 sx C cmt 2,988 - 2,741'

circulate plugging mud from PBTD
 25 sx C cmt 4,300 - 4,053'
 5-1/2" CIBP @ 4300'

Grayburg
 4376-4380 4426-4430
 4461-4460 4479-4481
 4510-4514 4524-4526
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7-7/8" Hole
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PBTD: 4300'
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	7/30/94	Set 5-1/2" CIBP @ 4300'						



PROPOSED PLUGGING PROCEDURE

- 1) circulate plugging mud from PBTD
- 2) 25 sx C cmt 4,300 - 4,053'
- 3) 25 sx C cmt 2,988 - 2,741'
- 4) 30 sx C cmt 1,700 - 1,485' 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:

Anhydrite	1511'
Top Salt	1695'
Base Salt	2888'
Queen	3812'
Grayburg	4303'
San Andres	4592'