

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. Copies 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. <b>30-025-02915</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>B-2498</b>
7. Lease Name or Unit Agreement Name <b>East Vacuum Gb/SA Unit Tract #2864</b>
8. Well Number <b>012</b>
9. OGRID Number <b>217817</b>
10. Pool name or Wildcat <b>Vacuum Grayburg/San Andres</b>

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. Street, Bldg. 6 #247, Midland, Texas 79705-5406**

4. Well Location

Unit Letter **C** : **660** feet from the **North** line and **1,980** feet from the **West** line  
Section **28** Township **17-S** Range **35-E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3,955' GL**

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: ☐

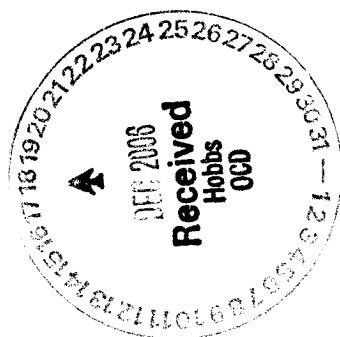
SUBSEQUENT REPORT OF:

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 PROPOSED PLUGGING PROCEDURE & WELLBORE DIAGRAMS

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  TITLE **James F. Newman, P.E. (Triple N Services)** DATE **12/14/06**

Type or print name  
**For State Use Only**

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

APPROVED BY: 

OG FIELD REPRESENTATIVE II/STAFF MANAGER  
TITLE

DATE

**DEC 19 2006**

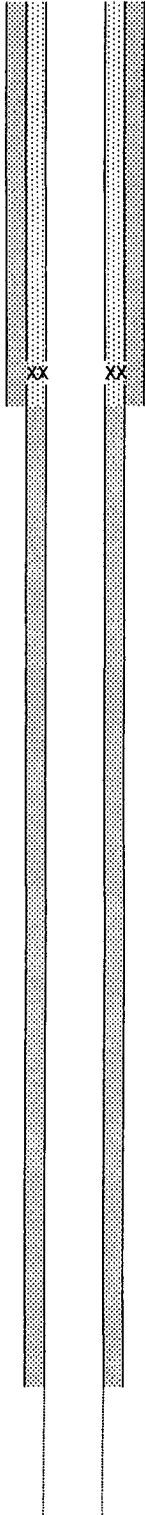
Conditions of Approval (if any):

# WELLBORE SKETCH

ConocoPhillips Company -- Mid-Continent Unit / Odessa

Date: October 3, 2006

RKB @ 3966.5'  
DF @ 3965.3'  
GL @ 3955.3'



12-1/4" Hole

1520' - Sqz to surface  
9-5/8" 36# @ 1669' cmt'd w/ 875 sx, circ.  
TOC 7" Csg @ 1670' (CBL)  
Top of Salt @ 1760'

Base Salt @ 2874'

8-3/4" Hole  
7" 24# @ 4265.11'  
Cmt'd w/400 sx  
TOC @ 1670' (CBL)

6-1/4" Hole

OPEN HOLE 4266'-4669'

PBTD: 4669'  
TD: 4695'

Subarea : Buckeye  
Lease & Well No. : East Vacuum GB/SA Unit, Tract 2864, Well No. 012  
Legal Description : 660' FNL & 1980' FEL, Sec. 28, T-17S, R-35-E  
County : Lea State : New Mexico  
Field : Vacuum (Grayburg-San Andres)  
Date Spudded : Nov. 13, 1938 Rig Released:  
API Number : 30-025-02915  
Status:  
Drilled as Santa Fe No. 12 State Lease No. B-2498

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
4275-4629	12/21/38	Dowell XX Acid	1,000		2050		
4266-4629	12/23/38	Dowell XX Acid	3,000		2700		
4685-4343	1/2/39	SNG	615 Qts				
4266-4695	3/23/39	Dowell XX Acid	3,000		2000		
4266-4695	3/27/39	Dowell XX Acid	4,500		1400		
	8/26/77	Shut-In 1 BO, 0 BW, gas TSTM					
		Unitized					
	7/19/02	Set RBP @ 3987'					
	7/22/02	Run CBL; TOC @ 1670'					
		Perf @ 1520' - would not circulate					
	7/23/02	Set 7" retainer @ 1466', squeeze w/600 sx, reverse					
		16 sx cmt to pit					
	7/29/02	Drill out cmt retainer & RBP - tag btm @ 4669'					
4266-4669	8/1/02	15% HCl	6,500		2921	2762	

## Formation Tops:

Rustler  
Salado  
Yates  
Queen  
Grayburg  
San Andres

## ConocoPhillips Company

### Proposed Plugging Procedure

**East Vacuum GB/SA Unit 2864 #012**

**API #30-025-02915**

**Vacuum Grayburg San Andres Field**

**Lea County, New Mexico**

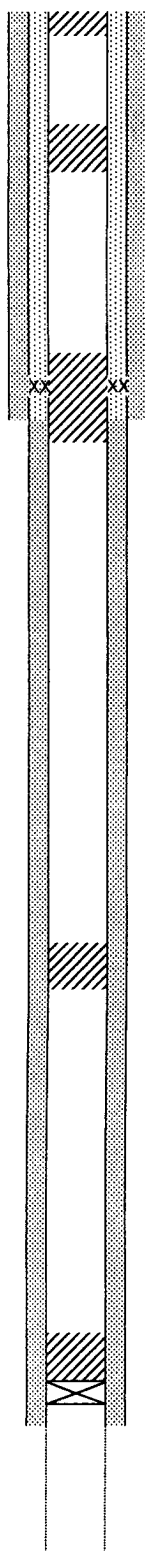
Casings: 9<sup>5</sup>/<sub>8</sub>" 36# casing @ 1,669' cmt'd w/ 875 sx, circulated  
7" 24# casing @ 4,265' cmt'd w/ 400 sx, TOC 1,670' by CBL  
Perforated 7" & squeezed 600 sx 1,520' to surface  
Openhole 4,266 – 4,669'

- 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 plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP. POOH w/ production equipment as present.
  2. RIH w/ gauge ring for 7" 24# casing to 4,215'. POOH w/ gauge ring.
  3. RIH w/ HM tbg-set CIBP on 2<sup>3</sup>/<sub>8</sub>" workstring to 4,215'. RU cementer and set CIBP @ 4,215'. Circulate hole w/ 10 ppg plugging mud & pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 151' in 7" 24# csg) 4,215 – 4,064'. **San Andres / Grayburg plug**
  4. POOH w/ tubing to 2,974'. Load hole w/ mud and pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 151' in 7" 24# casing) 2,974 – 2,823'. **Base of salt plug**
  5. POOH w/ tubing to 1,760'. Load hole w/ mud, and pump 60 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 79.2 ft<sup>3</sup> slurry volume, calculated fill 362' in 7" 24# casing) 1,760 – 1,398'. WOC & tag this plug no deeper than 1,470'. **Top of salt & casing shoe plug**
  6. POOH w/ tubing to 400'. Load hole w/ mud, and pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 151' in 7" 24# casing) 400 – 249'. **freshwater plug**
  7. ND BOP & NU wellhead. RIH w/ tubing to 100' and circulate 20 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 26.4 ft<sup>3</sup> slurry volume, calculated fill 121' in 7" 24# casing) 100' to surface. **surface plug**
  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 -- Mid-Continent Unit / Odessa**

Date: December 13, 2006

RKB @ 3966.5'  
 DF @ 3965.3'  
 GL @ 3955.3'



20 sx C cmt 100' to surface

25 sx C cmt 400 - 249'

12-1/4" Hole

1520' - Sqz to surface  
 9-5/8" 36# @ 1669' cmt'd w/ 875 sx, circ.  
 TOC 7" Csg @ 1670' (CBL)  
 Top of Salt @ 1760'  
 60 sx C cmt 1,760 -1,470' TAG

8-3/4" Hole

Base Salt @ 2874'

25 sx C cmt 2,974 - 2,823'

25 sx C cmt 4,215 - 4,064'  
 CIBP set @ 4,215'  
 7" 24# @ 4265.11'  
 Cmt'd w/400 sx  
 TOC @ 1670' (CBL)

6-1/4" Hole

OPEN HOLE 4266'-4669'

Subarea : Buckeye  
 Lease & Well No. : East Vacuum GB/SA Unit, Tract 2864, Well No. 012  
 Legal Description : 660' FNL & 1980' FEL, Sec. 28, T-17S, R-35-E  
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		Perf @ 1520' - would not circulate					
	7/23/02	Set 7" retainer @ 1466', squeeze w/600 sx, reverse					
		16 sx cmt to pit					
	7/29/02	Drill out cmt retainer & RBP - tag btm @ 4669'					
4266-4669	8/1/02	15% HCl	6,500		2921	2762	



## **PROPOSED PLUGGING PROCEDURE**

- 1) CIBP set @ 4,215'
- 2) 25 sx C cmt 4,215 - 4,064'
- 3) 25 sx C cmt 2,974 - 2,823'
- 4) 60 sx C cmt 1,760 -1,470' TAG
- 5) 25 sx C cmt 400 - 249'
- 6) 20 sx C cmt 100' to surface

## **Capacities**

4-1/2" 9.5# csg:	10.960 ft/ft3	0.0912 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" 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" 28# csg:	2.853 ft/ft3	0.3505 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  
 Salado  
 Yates  
 Queen  
 Grayburg  
 San Andres

PBTD: 4669'  
 TD: 4695'