

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

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.)		WELL API NO. <b>30-025-02147</b>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>ConocoPhillips Company ATTN: Celeste Dale</b>		6. State Oil & Gas Lease No. <b>B-4118</b>
3. Address of Operator <b>3303 N. "A" Street, Bldg. 6 #247, Midland, Texas 79705-5406</b>		7. Lease Name or Unit Agreement Name <b>Lea</b>
4. Well Location Unit Letter <u>F</u> : <u>1,880</u> feet from the <u>North</u> line and <u>1,981</u> feet from the <u>West</u> line Section <u>29</u> Township <u>17-S</u> Range <u>34-E</u> NMPM County <u>Lea</u>		8. Well Number <b>014</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>4,084' DF</b>		9. OGRID Number <b>217817</b>
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat <b>Vacuum Grayburg San Andres</b>
Pit type <u>STEEL</u> Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water <u>N/A</u> Pit Liner Thickness: <u>STEEL</u> mil Below-Grade Tank: Volume <u>180</u> bbls; Construction Material <u>STEEL</u>		

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 06/08/07

Type or print name  
For State Use Only  
E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

APPROVED BY: Larry W. Wink TITLE OC FIELD REPRESENTATIVE II / STAFF MANAGER DATE \_\_\_\_\_  
Conditions of Approval (if any)

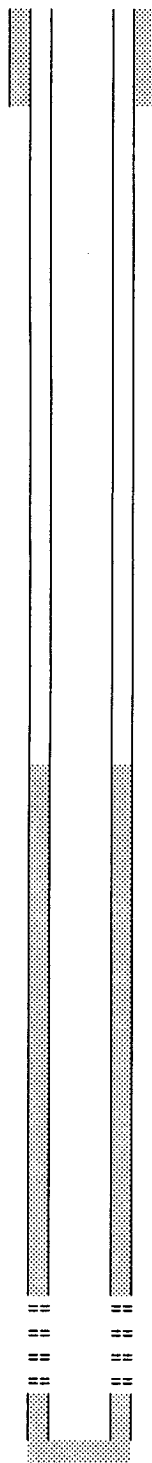
JUN 12 2007

# WELLBORE SKETCH

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

Date: May 9, 2007

RBM @ 4085'  
DF @ 4084'  
GL @ 4077'



12-1/4" Hole

8-5/8" 24# @ 325'  
Cmt'd w/325 sx  
TOC @ Surface

Top Salt @ +/- 1710'

TOC 4-1/2" Csg @ 2680' (T.S.)  
Base Salt +/- 2680'

4414-4420 4476-4480  
4520-4524 4554-4558  
4565-4573 4578-4586  
4603-4606 4625-4627 -- 2 SPF

6-1/4" Hole

4-1/2" 11.6# @ 4797'  
Cmt'd w/400 sx  
TOC @ 2600' (T.S.)

PBTD: 4773'  
TD: 4803'

Lease & Well No. : Lea 14  
Legal Description : 1880' FNL & 1981' FWL, Section 29, T17S, R34E  
County : Lea State : New Mexico  
Field : Vacuum (Grayburg/San Andres)  
Date Spudded : Jun. 3, 1962 Rig Released Jun. 18, 1962  
API Number : 30-025-02147  
Status: State Lease B-4118

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
4414-4627	7/12/62	15% Acid	1,000	20 BS				
		Refined Oil	30,000	37,500	4600	3200	18.8	
	4/1/97	Shut-in -- uneconomic						
		Produced from Dec, 2002 to July 2003.						
		Last prod 1/06 0.56 BOPD						

## Formation Tops:

Rustler	1516'
Top Salt	1710'
Yates	2827'
Queen	3813'
Grayburg	4205'
San Andres	4640'

## ConocoPhillips

### Proposed Plugging Procedure

**Lea #14**

**API #30-025-02147**

**Vacuum Grayburg San Andres Field**

**Lea County, New Mexico**

Casings: 8<sup>5</sup>/<sub>8</sub>" 24# casing @ 325' cmt'd w/ 325 sx, circ. to surface  
4<sup>1</sup>/<sub>2</sub>" 11.6# casing @ 4,797' cmt'd w/ 400 sx, TOC @ 2,600'  
Open Perforations @ 4,414 – 4,627'

- 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

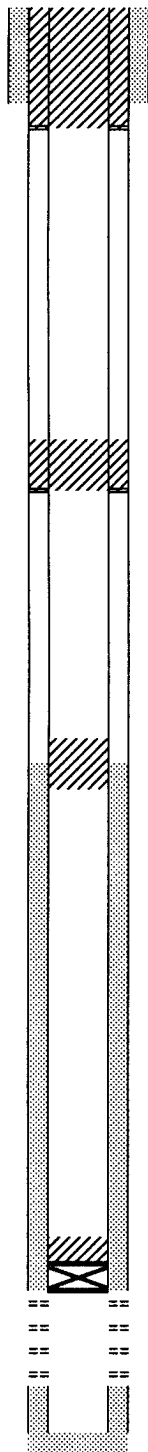
1. Set steel pit and flow down well as needed. MIRU Triple N pulling unit. ND wellhead and NU BOP.
2. RIH w/ 2<sup>3</sup>/<sub>8</sub>" workstring, tag CIBP @ ~4,364'. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 378' in 4<sup>1</sup>/<sub>2</sub>" 11.6# casing) 4,364 – 3,986'. **Grayburg plug**
3. POOH w/ tubing to 2,880' and pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 378' in 4<sup>1</sup>/<sub>2</sub>" 11.6# casing) 2,880 – 2,502'. POOH w/ tubing. **Base of salt plug**
4. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 1,710'. POOH w/ wireline, RD lubricator.
5. RIH w/ AD-1 packer to 1,300'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 40 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 52.8 ft<sup>3</sup> slurry volume, calculated fill 248' in 6<sup>1</sup>/<sub>4</sub>" openhole) 1,710 – 1,462'. WOC & tag this plug no deeper than 1,610', POOH w/ packer. **Base of salt plug**
6. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 375'. POOH w/ wireline, RD lubricator.
7. RIH w/ AD-1 packer to 30'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 135 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 178.2 ft<sup>3</sup> slurry volume, calculated fill 498' in 8<sup>5</sup>/<sub>8</sub>" 24# casing) 375' to surface. POOH w/ packer. **Surface plug**
8. POOH w/ tubing, top off wellbore w/ cmt as needed. ND BOP, wash out tubing & BOP.
9. RDMO location.
10. 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 5, 2007

RBM @ 4085'  
DF @ 4084'  
GL @ 4077'



12-1/4" Hole

8-5/8" 24# @ 325'

Cmt'd w/325 sx

TOC @ Surface

Perf & Sqz 135 sx 375' to surface

Perf & Sqz 40 sx 1,710 - 1,610' WOC & TAG

Top Salt @ +/- 1710'

TOC 4-1/2" Csg @ 2680' (T.S.)

Base Salt +/- 2780'

25 sx C cmt 2,880 - 2,502'

circulate plugging mud from PBTD

25 sx C cmt 4,364 - 3,986'

Set CIBP @ 4,364

4414-4420 4476-4480

4520-4524 4554-4558

4565-4573 4578-4586

4603-4606 4625-4627 -- 2 SPF

6-1/4" Hole

4-1/2" 11.6# @ 4797'

Cmt'd w/400 sx

TOC @ 2600' (T.S.)

PBTD: 4773'  
TD: 4803'

Lease & Well No.: **Lea 14**  
Legal Description: **1880' FNL & 1981' FWL, Section 29, T17S, R34E**  
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	4/1/97	Shut-in -- uneconomic						
		Produced from Dec, 2002 to July 2003.						
		Last prod 1/06 0.56 BOPD						



## PROPOSED PLUGGING PROCEDURE

- 1) Set CIBP @ 4,364'
- 2) circulate plugging mud from PBTD
- 3) 25 sx C cmt 4,364 - 3,986'
- 4) 25 sx C cmt 2,880 - 2,502'
- 5) Perf & Sqz 40 sx 1,710 - 1,610' WOC & TAG
- 6) Perf & Sqz 135 sx 375' to surface

## Capacities

4 1/2" 11.6# csg:	11.468	ft/ft3	0.0872	ft3/ft
8 1/4" openhole:	2.3947	ft/ft3	0.4176	ft3/ft
6 1/2" " openhole:	4.694	ft/ft3	0.2131	ft3/ft
8 1/2" 24# csg:	2.797	ft/ft3	0.3575	ft3/ft
13 3/4" 61# csg:	1.711	ft/ft3	0.8542	ft3/ft

## Formation Tops:

Rustler	1516'
Top Salt	1710'
Yates	2827'
Queen	3813'
Grayburg	4205'
San Andres	4640'