

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. 30-025-20712
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. A-1320
7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit Tract 1
8. Well Number 10
9. OGRID Number 217817
10. Pool name or Wildcat Vacuum Glorieta

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale	
3. Address of Operator 3300 N. "A" Street, Bldg. 6 #247, Midland, TX 79705-5406	
4. Well Location Unit Letter <u>O</u> : <u>330</u> feet from the <u>South</u> line and <u>1,980</u> feet from the <u>East</u> line Section <u>28</u> Township <u>17-S</u> Range <u>35-E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,949' GL 3,950' RKB	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
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 current & proposed plugged wellbore diagrams and proposed 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 05/14/07

Type or print name James F. Newman

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

For State Use Only

OC FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY: Harry W. Wink TITLE _____

DATE MAY 22 2007

Conditions of Approval (if any):

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

Date: April 3, 2007

RKB @ 3950'
 DF @ 3949'
 GL @ _____

Subarea : Buckeye
 Lease & Well No. : Vacuum Glorieta East Unit, Tract 01, Well 10
 Legal Description : 330' FSL & 1980' FEL, Sec. 28, T17S, R35E
 County : Lea State : New Mexico
 Field : Vacuum Glorieta
 Date Spudded : Apr. 15, 1964 Rig Released: Apr. 30, 1964
 API Number : 30-025-20712
 Status: _____
 Drilled as Humble NM State K No. 21 State Lease A-1320

Stimulation History:

<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	<u>Lbs. Sand</u>	<u>Max Press</u>	<u>ISIP</u>	<u>Max Rate</u>	<u>Down</u>
6101-6117		Acetic Acid	500					
6101-6117	2/85	15% HCl	1,638					
	8/21/85	Perforate 6080-6138, 2 spf, 118 holes						
6080-6138	8/22/85	SOS Acid	6,000					
6080-6138	10/27/87	15% HCl	2,000					
	11/4/87	Perforate 6140-6158, 1 spf, 18 holes						
6140-6158	11/5/87	15% Acid	1,000					

12-1/4" Hole

Top Salt @ ~1,600'
 8-5/8" 24# J-55 @ 1609'
 Cmt'd w/850 sx, circulate
 TOC @ Surface

TOC 4-1/2" Csg @ 2636' (T.S.)

Base of Salt @ ~2,700'

Glorieta

6080-6138
 6101 6104 6106
 6108 6110 6115
 6116 6117

6140-6158

7-7/8" Hole
 4-1/2" 9.5# & 11.6# J-55 @ 6230'
 Cmt'd w/800 sx
 TOC @ 2636' (T.S.)

Formation Tops:

Tansill
 Top Salt
 Yates
 Seven Rivers
 Base Salt
 Queen
 Grayburg
 San Andres
 Glorieta
 Paddock

PBTD: 6211'
 TD: 6230'

ConocoPhillips

Proposed Plugging Procedure

Vacuum Glorieta East Unit #01-10
Vacuum Glorieta Field
Lea County, New Mexico
API #30-025-20712

Casings: 8 $\frac{5}{8}$ " 24# casing @ 1,609' cmt'd w/ 850 sx, circulated
4 $\frac{1}{2}$ " 9.5 & 11.6# casing @ 6,230' cmt'd w/ 800 sx, TOC 2,636' by T.S.
perforations 6,080 – 6,158' (Glorieta)

- 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 to 6,030', POOH w/ gauge ring.
 3. RIH w/ HM tbg-set CIBP on 2 $\frac{3}{8}$ " workstring to 6,030'. RU cementer and set CIBP @ 6,030'. Circulate hole w/ 10 ppg plugging mud, pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362' in 4 $\frac{1}{2}$ " 9.5# casing) 6,030 – 5,668'. **Glorieta plug**
 4. POOH w/ tubing to 4,400' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362' in 4 $\frac{1}{2}$ " 9.5# casing) 4,400 – 4,038'. POOH w/ tubing. **Grayburg-San Andres plug**
 5. POOH w/ tubing to 2,700' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362' in 4 $\frac{1}{2}$ " 9.5# casing) 2,700 – 2,338'. POOH w/ tubing. **Base of salt plug**
 6. RU lubricator and RIH w/ wireline, perforate 4 $\frac{1}{2}$ " casing @ 1,659' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 7. RIH w/ AD-1 packer to 1,100'. Load hole w/ mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 75 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 99.0 ft³ slurry volume, calculated fill 277' in 8 $\frac{5}{8}$ " 24# casing) 1,659 – 1,382'. WOC & tag this plug no deeper than 1,500' **Top of Salt & surface casing shoe plug**
 8. RU lubricator and RIH w/ wireline, perforate 4 $\frac{1}{2}$ " casing @ 400' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 9. RIH w/ AD-1 packer to 120'. Load hole w/ mud, set packer, and establish rate into perforations at 1,000 psi or less. Squeeze 35 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 129' in 8 $\frac{5}{8}$ " 24# casing) 400 – 271'. **freshwater plug**

10. RU lubricator and RIH w/ wireline, perforate 4½" casing @ 60' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
11. ND BOP & NU wellhead. Establish circulation in 4½ x 8⅝" annulus via perforations @ 60', circulate 20 sx C cmt (1.32 ft³/sk yield, 26.4 ft³ slurry volume, calculated fill 74' in 8⅝" 24# casing) 60' to surface. **surface plug**
12. RDMO location.
13. 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: May 14, 2007

RKB @ 3950'
DF @ 3949'
GL @ _____

Subarea : Buckeye
Lease & Well No. : Vacuum Glorieta East Unit, Tract 01, Well 10
Legal Description : 330' FSL & 1980' FEL, Sec. 28, T17S, R35E
County : Lea State : New Mexico
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Date Spudded : Apr. 15, 1964 Rig Released: Apr. 30, 1964
API Number : 30-025-20712
Status: Proposed Plugged
Drilled as Humble NM State K No. 21 State Lease A-1320

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
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6101-6117	2/85	15% HCl	1,638					
	8/21/85	Perforate 6080-6138, 2 spf, 118 holes						
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6080-6138	10/27/87	15% HCl	2,000					
	11/4/87	Perforate 6140-6158, 1 spf, 18 holes						
Perf/sqz 75 sx C cmt 1,659 - 1,500' WOC & TA 6140-6158	11/5/87	15% Acid	1,000					

Perf/sqz 20 sx C cmt 60' to surface

12-1/4" Hole

Perf/sqz 35 sx C cmt 400 -300'

Top Salt @ ~1,600'

8-5/8" 24# J-55 @ 1609'

Cmt'd w/850 sx, circulated

Perf/sqz 75 sx C cmt 1,659 - 1,500' WOC & TA 6140-6158

TOC 4-1/2" Csg @ 2636' (T.S.)

Base of Salt @ ~2,700'

25 sx C cmt 2,700 - 2,338'

25 sx C cmt 4,400 - 4,038'

Set CIBP @ 6,030', 25 sx C cmt 6,030 - 5,668'

Glorieta

6080-6138
6101 6104 6106
6108 6110 6115
6116 6117

6140-6158

7-7/8" Hole

4-1/2" 9.5# & 11.6# J-55 @ 6230'

Cmt'd w/800 sx

TOC @ 2636' (T.S.)

Formation Tops:

Tansill
Top Salt
Yates
Seven Rivers
Base Salt
Queen
Grayburg
San Andres
Glorieta
Paddock



PROPOSED PLUGGING PROCEDURE

- 1) Set CIBP @ 6,030', 25 sx C cmt 6,030 - 5,668'
- 2) 25 sx C cmt 4,400 - 4,038'
- 3) 25 sx C cmt 2,700 - 2,338'
- 4) Perf/sqz 75 sx C cmt 1,659 - 1,500' WOC & TAG
- 5) Perf/sqz 35 sx C cmt 400 -300'
- 6) Perf/sqz 20 sx C cmt 60' 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" 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

PBTD: 6211'
TD: 6230'

VGEU #01-10 WBDs.xls

Jim Newman
5/14/2007