

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. 30-025-20286
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1404-3
7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit Tract #7
8. Well Number 01
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 ☒ Gas Well ☐ Other ☐	
2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale	
3. Address of Operator 4001 Penbrook Street Odessa, Texas 79762	
4. Well Location Unit Letter <u>I</u> : <u>2310</u> feet from the <u>South</u> line and <u>990</u> feet from the <u>East</u> line Section <u>27</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.) ' GL	
Pit or Below-grade Tank Application ☒ or Closure ☐	
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: ☐

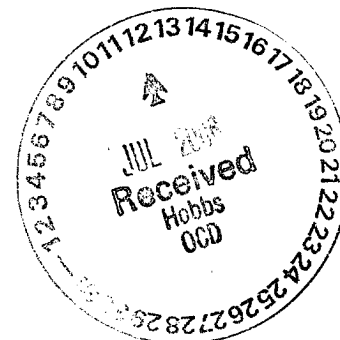
SUBSEQUENT REPORT OF:

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 & 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 07/11/06

Type or print name James F. Newman

For State Use Only

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

OC FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY: Hayden Wink TITLE _____ DATE JUL 14 2006
Conditions of Approval (if any)

WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: June 10, 2006

RKB @ 3934'
 DF @ 3932'
 GL @ 3922'

Subarea : Buckeye
 Lease & Well No. : Vacuum Glorieta East Unit, Tract 07 Well No. 1
 Legal Description : 2310' FSL & 990' FEL, Sec. 17, T-17-S, R-35-E
 County : Lea State : New Mexico
 Field : Vacuum Glorieta
 Date Spudded : Oct. 17, 1963 Rig Released: Nov. 4, 1963
 API Number : 30-025-20286
 Status: Temporarily Abandoned
 Drilled as State V No. 5 State Lease B-1404-3

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	11/7/63	Perf 6134-6171						
6134-6171	11/7/63	15% MCA	250		2500	1300		
6134-6171	11/8/63	15% NEA	1,000	15 BS	4200	800		
	11/15/63	Expendable plug @ 6075'						
	11/16/63	Perf Yates 3031-3132, 15 holes						
3031-3132	11/17/63	Sand Jet LC	20,000	30,000	2900	2200		
3031-3132	11/28/63	15% MCA	1,500		2600	1600	4.9	
	12/2/63	Push out expendable plug						
	12/9/63	dual completion Yates - Paddock						
	6/30/69	Squeeze Yates w/175 sacks						
	7/2/69	Re-squeeze Yates (3031-3132) w/75 sacks cmt						
	7/6/69	Push packer to 6200'; producing from Glorieta only						
6134-6171	11/17/72	15% NEA	2,000	50# MB	1900	Vac	3.9	
	10/20/77	Sqz 6134-3171 w/50 sx Class C						
	10/22/77	Perf 6093-6109						
	10/24/77	Re-perf 6093-6113						
6093-6113	10/24/77	15% NEA	1,200	10 BS	3100	0		
	9/9/80	Set CIBP @ 6050'						
	1/17/94	Casing Integrity Test, ok						

11" Hole

8-5/8" 24# J-55 @ 1654'
 Cmt'd w/450 sx Class C
 w/200 sx Class A; circ 200 sx
 TOC @ Surface

Top Salt @ 1,800'

Base of Salt @ 2,800'

Yates

3031 3033 3068 3069
 3070 3071 3072 3073
 3074 3091 3095 3103
 3104 3131 3132 -- Sqz'd w/250 sx cmt

DV Tool @ 3321'

CIBP @ 6050'

Glorieta

6093 6095 6099 6101
 6109 6111 6113
 6134 6136 6138 6142 6146
 6153 6156 6160 6163 6165
 6169 6171 -- Sqz'd w/ 50 sx

7-7/8" Hole
 5-1/2" 17# J-55 @ 6250'
 Cmt'd 1st Stage 470 sx
 2nd Stage 180 sx

PBTD: 6050'
 TD: 6250'

VGEU #07-01 WBDs

Yates 2893'
 Seven Rivers 3166'
 Base Salt
 Queen 3716'
 Grayburg
 San Andres 4355'
 Glorieta 5991'
 Paddock 6086'

ConocoPhillips

Proposed Plugging Procedure

Vacuum Glorieta East Unit Tract 07 Well #01
Vacuum Glorieta Field
2,310 FSL & 990 FEL, Sec. 17, T-17-S, R-35-E
API # 30-025-20286
Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 24# casing @ 1,654' cmt'd w/ 600 sx, circulated
5 $\frac{1}{2}$ " 17# casing @ 6,250' cmt'd w/ 700 sx, TOC 3,230' calculated
perforations 6,093 – 6,113'

- TA'd w/ CIBP set @ 6,050' (set 09/09/80)
 - Notify BLM & 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.
 2. RIH w/ 2 $\frac{3}{8}$ " workstring to CIBP @ 6,050'. RU cementer and 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 5 $\frac{1}{2}$ " 17# casing) 6,050 – 5,797'. **Glorieta plug**
 3. POOH w/ tubing to 3,371' and pump 75 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 99.0 ft³ slurry volume, calculated fill 758' in 5 $\frac{1}{2}$ " 17# casing) 3,371 – 2,613'. WOC & tag this plug no deeper than 2,800' POOH w/ tubing. **DV tool & Base of Salt plug**
 4. RU lubricator and RIH w/ wireline, perforate 5 $\frac{1}{2}$ " casing @ 1,704' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 5. RIH w/ AD-1 packer to 1,500'. Load hole w/ mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 50 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 66.0 ft³ slurry volume, calculated fill 277' in 8 $\frac{5}{8}$ " casing) 1,704 – 1,427'. WOC & tag this plug no deeper than 1,604'. **Top of Salt & surface casing shoe plug**
 6. RU lubricator and RIH w/ wireline, perforate 5 $\frac{1}{2}$ " casing @ 400' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 7. RIH w/ AD-1 packer to 200'. 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**
 8. RU lubricator and RIH w/ wireline, perforate 5 $\frac{1}{2}$ " casing @ 50' w/ four 1-11/16" link-jet charges. POOH w/ wireline.

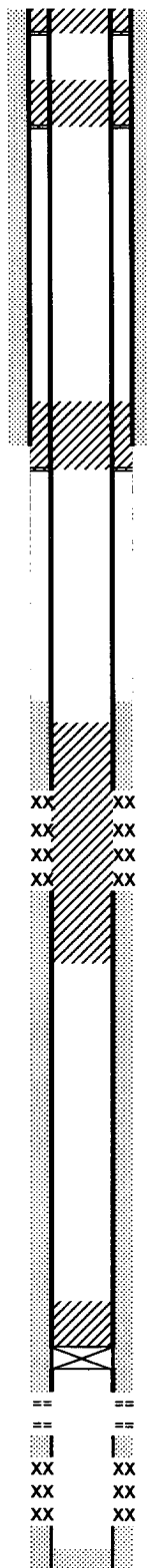
9. ND BOP & NU wellhead. Establish circulation in $5\frac{1}{2}$ x $8\frac{5}{8}$ " annulus via perforations @ 50', circulate 20 sx C cmt ($1.32 \text{ ft}^3/\text{sk}$ yield, 26.4 ft^3 slurry volume, calculated fill 74' in $8\frac{5}{8}$ " 24# casing) 50' to surface. **surface plug**
10. RDMO location.
11. 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 -- Permian Basin Business Unit

Date: July 11, 2006

RKB @ 3934'
DF @ 3932'
GL @ 3922'



20 sx C cmt perf/sqz 50' to surface

11" Hole

35 sx C cmt perf/sqz 400 - 300'

8-5/8" 24# J-55 @ 1,654' w/ 650 sx, circ.

50 sx C cmt perf/sqz 1,704 - 1,604 WOC & TAG

Top Salt @ 1,800' estimated

TOC 2,500' calculated

Base of Salt @ 2,800' estimated

Yates

3031 3033 3068 3069
3070 3071 3072 3073
3074 3091 3095 3103
3104 3131 3132 -- Sqz'd w/250 sx cmt

DV Tool @ 3321'

75 sx C cmt 3,371 - 2,800' WOC & TAG

25 sx C cmt 6,050 - 5,797'

CIBP @ 6050'

Glorieta

6093 6095 6099 6101
6109 6111 6113

6134 6136 6138 6142 6146
6153 6156 6160 6163 6165
6169 6171 -- Sqz'd w/ 50 sx

7-7/8" Hole

5-1/2" 17# J-55 @ 6250'

Cmt'd 1st Stage 470 sx
2nd Stage 180 sx

PBTD: 6050'
TD: 6250'

VGEU #07-01 WBDs

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Drilled as State V No. 5 State Lease B-1404-3

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6093-6113	10/24/77	15% NEA	1,200	10 BS	3100	0		
	9/9/80	Set CIBP @ 6050'						
	1/17/94	Casing Integrity Test, ok						



PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt 6,050 - 5,797'
- 2) 75 sx C cmt 3,371 - 2,800 WOC & TAG
- 3) 50 sx C cmt perf/sqz 1,704 - 1,604' WOC & TAG
- 4) 35 sx C cmt perf/sqz 400 - 300'
- 5) 20 sx C cmt perf and sqz 50' 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

Yates 2893'
Seven Rivers 3166'
Base Salt
Queen 3716'
Grayburg
San Andres 4355'
Glorieta 5991'
Paddock 6086'