

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.<br>30-025-20710                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>A-1320                                                              |
| 7. Lease Name or Unit Agreement Name<br>Vacuum Glorieta East Unit Tract 001                         |
| 8. Well Number<br>11                                                                                |
| 9. OGRID Number                                                                                     |
| 10. Pool name or Wildcat<br>Vacuum Glorieta                                                         |

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,947' RKB

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type STEEL Depth to Groundwater 58' Distance from nearest fresh water well 3/4 mile Distance from nearest surface water N/A

Pit Liner Thickness: STEEL mil Below-Grade Tank: Volume 180 bbls; Construction Material STEEL

**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

3. Address of Operator  
4001 Penbrook Street Odessa, Texas 79762

4. Well Location  
Unit Letter P : 330 feet from the South line and 330 feet from the East line  
Section 28 Township 17-S Range 35-E NMPM County Lea

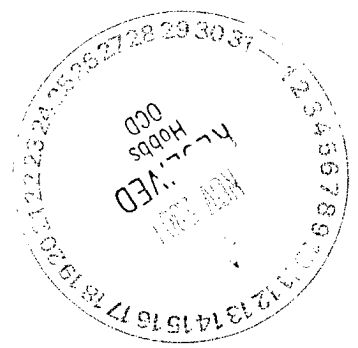
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

|                                                                                                                                                                                                                      |                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NOTICE OF INTENTION TO:</b><br>PERFORM REMEDIAL WORK <input type="checkbox"/><br>TEMPORARILY ABANDON <input type="checkbox"/><br>PULL OR ALTER CASING <input type="checkbox"/><br>OTHER: <input type="checkbox"/> | <b>SUBSEQUENT REPORT OF:</b><br>REMEDIAL WORK <input type="checkbox"/><br>COMMENCE DRILLING OPNS. <input type="checkbox"/><br>CASING/CEMENT JOB <input type="checkbox"/><br>OTHER: <input type="checkbox"/> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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 11/09/04

Type or print name James F. Newman E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

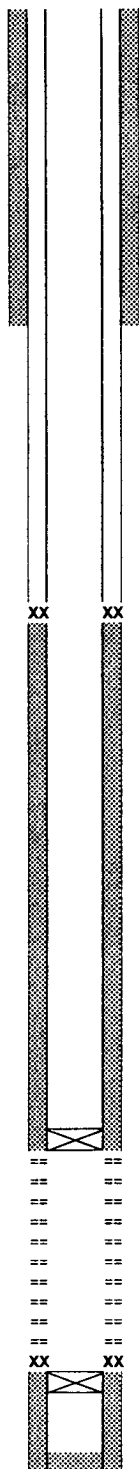
For State Use Only  
APPROVED BY: Larry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE NOV 22 2004  
Conditions of Approval (if any):

# WELLBORE SKETCH

## ConocoPhillips Company – Permian Basin Business Unit

Date: October 25, 2004

RKB @ 3947'  
DF @ 3946'  
GL @ 3937'



12-1/4" Hole

8-5/8" 24# J55 @ 1,587', circulated  
Cmt'd w/ 625 sx cmt w/ 4% gel & 200 sx neat  
Top of Salt @ 1,588' (Est.)

2,550' Sqz w/400 sx  
TOC @ 2,650'  
Base of Salt @ 2,695'

EZ Drill BP @ 5950'

6006 - 6010  
6014 - 6018  
6024 - 6028  
6032 - 6036  
6052 - 6058  
6083 - 6088 -- 11 shots  
6090 - 6093 -- 7 shots  
6097 - 6100 -- 7 shots  
6105 - 6110  
6100 - 6120

6134 - 6162 Sqz'd w/150 sx  
CIBP @ 6195'

7-7/8" Hole

4-1/2" 9.5# & 11.6# @ 6230'  
Cmt'd w/750 sx  
TOC @ 2650' (T.S.)

PBTD: 5950'  
TD: 6230'

Subarea: Buckeye  
Lease & Well No.: VGEU No. 01-11  
Legal Description: 330' FSL & 330' FEL, Sec. 28, T-17-S, R-35-E  
County: Lea State: New Mexico  
Field: Vacuum Glorieta  
Date Spudded: March 25, 1964 IPP: April 17, 1964  
API Number: 30-025-20710  
Status:  
Drilled as Humble 19 New Mexico State "K"

### Stimulation History:

| Interval  | Date     | Type                                                                        | Gals  | Lbs. Sand | Max Press | ISIP | Max Rate | Down   |
|-----------|----------|-----------------------------------------------------------------------------|-------|-----------|-----------|------|----------|--------|
| 6083-6110 | 4/16/64  | Perf 6083-6110                                                              |       |           |           |      |          |        |
|           | 4/17/64  | Acetic Acid                                                                 | 500   |           | 1900      |      | 12.0     | 4-1/2" |
|           | 1/65     | Pumping unit installed                                                      |       |           |           |      |          |        |
| 6083-6110 | 3/25/74  | 15% NE HCl                                                                  | 5,000 |           | 700       | Vac  |          |        |
|           | 6/16/80  | Casing leak, perf 4-1/2" csg @ 2550'; sqz w/400 sacks cement                |       |           |           |      |          |        |
|           | 6/21/80  | Perf 6134-6162                                                              |       |           |           |      |          |        |
| 6083-6162 | 6/21/80  | 20% NE HCl                                                                  | 5,000 |           | 2300      | Vac  | 4.1      |        |
|           | 7/15/80  | Test 5 BO, 94 BW                                                            |       |           |           |      |          |        |
|           | 4/20/81  | Set CIBP @ 6125'                                                            |       |           |           |      |          |        |
|           | 4/20/81  | Perf 6006-6058 - 94 shots                                                   |       |           |           |      |          |        |
| 6006-6058 | 4/20/81  | 15% NE HCl                                                                  | 4,500 |           |           |      |          |        |
|           | 5/20/81  | Test: 10 BO, 92 BW                                                          |       |           |           |      |          |        |
|           | 11/4/83  | Push CIBP @ 6125' down to 6195'                                             |       |           |           |      |          |        |
|           | 11/8/83  | Squeeze perms 6134-6162 w/150 sx; drill out to 6195'                        |       |           |           |      |          |        |
|           | 11/10/83 | Perf 6100-6120 - 1 SPF                                                      |       |           |           |      |          |        |
| 6083-6120 | 11/11/83 | 15% NE HCl                                                                  | 4,000 |           | Vac       | Vac  |          |        |
|           | 11/17/83 | Perf 6083-6100 - 25 shots (reperf)                                          |       |           |           |      |          |        |
| 6083-6120 | 11/19/83 | 15% NE HCl                                                                  | 3,000 |           |           |      |          |        |
|           | 12/27/83 | Test: 8 BO, 179 BW                                                          |       |           |           |      |          |        |
|           | 11/6/88  | Shut-in, well watered out                                                   |       |           |           |      |          |        |
|           | 9/28/01  | Set EZ Drill BP @ 5950'                                                     |       |           |           |      |          |        |
|           | 10/23/01 | OCD Sundry Notice filed to Temporarily Abandon                              |       |           |           |      |          |        |
|           | 7/19/04  | Failed MIT testing and repair work is not considered economically justified |       |           |           |      |          |        |
|           | 10/25/04 | Prepare Application for Abandonment of Well                                 |       |           |           |      |          |        |

### Formation Tops:

|                  |       |            |       |
|------------------|-------|------------|-------|
| Rustler          | 1574' | Grayburg   | 4037' |
| Base Salt Salado | 2695' | San Andres | 4353' |
| Tansill          | 2733' | Glorieta   | 5957' |
| Yates            | 2816' | Paddock    | 6076' |
| 7 Rivers         | 3050' |            |       |
| Queen            | 3693' |            |       |

## ConocoPhillips

### Proposed Plugging Procedure

VGEU #01-11

Vacuum Glorieta Field

API #30-025-20710; Unit Letter P, 330 FSL & 330 FEL, Section 28, T17S, R35E

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

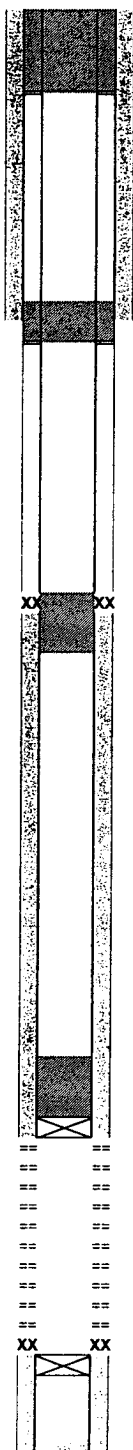
SI producer. CIBP @ 5,950' (09/28/01), failed MIT 07/19/04

- Notify BLM & OCD 24 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
  - Test rig anchors if last test over 2 years old
1. Set steel pit and flow well down as needed.
  2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP (D&L).
  3. RIH w/ 2 $\frac{3}{8}$ " workstring tubing, tag CIBP @ 5,950'. RU cementer and circulate hole w/ 70 bbls plugging mud, pump 25 sx C cmt (14.8 ppg, 1.32 ft<sup>3</sup>/sk, 33.0 ft<sup>3</sup> slurry volume, calculated fill 365') 5,950 – 5,585'. **Glorieta plug**
  4. POOH w/ tbq to 2,800'. Load hole w/ plugging mud and pump 25 sx C cmt (14.8 ppg, 1.32 ft<sup>3</sup>/sk, 33.0 ft<sup>3</sup> slurry volume, calculated fill 365') 2,800 – 2,435'. WOC & TAG this plug.  
**Base of salt plug**
  5. POOH w/ tbq. NU lubricator and test to 1,000 psi. RIH w/ wireline and perforate casing @ 1,638', POOH w/ wireline. RD lubricator.
  6. RIH w/ AD-1 packer to 1,200'. Load hole, set packer, and establish rate into perforations @ 1,638'. If rate is established at 1,000 psi or less, squeeze 55 sx C cmt w/ 2% CaCl<sub>2</sub> (14.8 ppg, 1.32 ft<sup>3</sup>/sk, 72.6 ft<sup>3</sup> slurry volume) 1,638 – 1,538'. WOC and tag this plug no deeper than 1,538'. **Surface casing shoe plug**
  7. POOH w/ packer. NU lubricator and test to 1,000 psi. RIH w/ wireline and perforate casing @ 400', POOH w/ wireline. RD lubricator.
  8. NU wellhead, circulate 130 sx C cmt 400' to surface (14.8 ppg, 1.32 ft<sup>3</sup>/sk, 171.6 ft<sup>3</sup> slurry volume, calculated fill 480'). **Surface plug**
  9. RDMO. Clean steel pit and dispose of bottoms.
  10. Cut off wellhead, install dry hole marker, and cut off anchors, level location. Leave location clean and free of trash.

# **PROPOSED PLUGGED WELLBORE SKETCH** **ConocoPhillips Company -- Permian Basin Business Unit**

Date: November 9, 2004

RKB @ 3947'  
 DF @ 3946'  
 GL @ 3937'



130 sx C cmt 400' to surface, perf & sqz

12-1/4" Hole

8-5/8" 24# J55 @ 1,587', circulated  
 Cmt'd w/ 625 sx cmt w/ 4% gel & 200 sx neat  
 Top of Salt @ 1,588' (Est.)

55 sx C cmt 1,638 - 1,538', perf & sqz, TAG

2,550' Sqz w/400 sx  
 TOC @ 2,650'  
 Base of Salt @ 2,695'

25 sx C cmt 2,800 - 2,435 TAG

25 sx C cmt 5,950 - 5,585'

EZ Drill BP @ 5,950'

6006 - 6010  
 6014 - 6018  
 6024 - 6028  
 6032 - 6036  
 6052 - 6058  
 6083 - 6088 -- 11 shots  
 6090 - 6093 -- 7 shots  
 6097 - 6100 -- 7 shots  
 6105 - 6110  
 6100 - 6120

6134 - 6162 Sqz'd w/150 sx  
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7-7/8" Hole

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## **PROPOSED PLUGS**



- 1) 25 sx C cmt 5,950 - 5,585'
- 2) 25 sx C cmt 2,800 - 2,435 TAG
- 3) 55 sx C cmt 1,638 - 1,538', perf & sqz, TAG
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