

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. 30-025-20847
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1576-3
7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit Tract 19
8. Well Number 03
9. OGRID Number
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

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

4. Well Location
Unit Letter M : 660 feet from the South line and 500 feet from the West line
Section 32 Township 17-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,970' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type steel Depth to Groundwater 86' Distance from nearest fresh water well N/A 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 wellbore diagrams and plugging procedure

THE COMMISSION MUST BE NOTIFIED 24
HOURS PRIOR TO THE BEGINNING OF
PLUGGING OPERATIONS FOR THE C-103
TO BE APPROVED.



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 08/25/04

Type or print name James F. Newman

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

For State Use Only

APPROVED BY: Harry W. Wink
Conditions of Approval (if any):

DATE AUG 27 2004
FIELD REPRESENTATIVE II/STAFF MANAGER

WELLBORE SKETCH

ConocoPhillips Company - Permian Basin Business Unit

Date: August 23, 2004

RKB @
DF @
GL @ 3,970'

Subarea : Buckeye
Lease & Well No. : VGEU No. 19-03
Legal Description : 660' FSL & 500' FWL, Section 32, T-17-S, R-35-E
County : Lea State : New Mexico
Field : Vacuum (Glorieta)
Date Spudded : August 29, 1964 IPP:
API Number : 30-025-20847
Status : Temporarily Abandoned
Drilled as State "B" 1576 No. 8

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
6069-6094	9/17/94	Perf Paddock 6069-6078 & 6086-6094					
	9/17/64	15% CMA	500		3400	2000	2.5
	9/17/64	Potential 218 BO, GOR 1120					
6069-6094	2/3/66	15% NEFE CMA	1,000		1800	1000	2.1
	5/27/76	Cellar dug out to top of 8-5/8", cmat to top of pipe. Piped bradenhead to ground level w/2" and stenciled valve SURF. Work done per NMOCD letter dated 4/28/76.					
	2/9/83	COP					
	12/1/93	Change in lease name and number effective					
	5/11/94	Press test casing to 500#, OK.					
	8/04	Encounter casing leak, temporarily abandon well					
	8/11/04	Further tech. review has determined that wellbore has no additional potential.					
	8/23/04	Prepare Application for Abandonment of Well					

TOC @ 900' (T.S.)

8-5/8" 24# J55 @ 1,550' w/ 700 sx, circ.
Top of Salt @ 1,550', est.

Base of Salt @ 2,800', est.

Paddock

6061' - 6078' - 2 SPF

6086' - 6094' - 2 SPF

7-7/8" Hole

4-1/2" OD @ 6,200' w/ 1,332 sx
10.5# J-55 660'
9.5# J-55 5540'

PBTD: 6,192'
TD: 6,200'

Formation Tops:

Yates 2,800'
Queen 3,710'
Glorieta 5,967'
Paddock 6,064'

ConocoPhillips

Proposed Plugging Procedure

Vacuum Glorieta East Unit #19-03

Vacuum (Glorieta) Field

API #30-025-20847

Section 32, T17S, R35E

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

SI producer

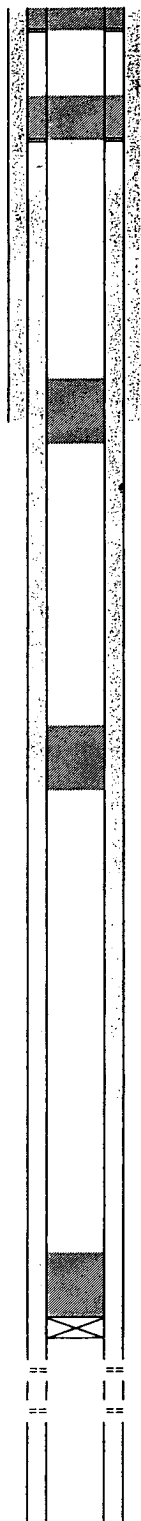
- Notify BLM & OCD 24 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
 - Test rig anchors if last test over 2 years old
1. Set steel pit and flow well down as needed.
 2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP. POOH w/ production tubing as present.
 3. RIH w/ HM tbg-set CIBP on 2 $\frac{3}{8}$ " workstring to 6,011'. RU cementer and set CIBP. Load hole w/ 70 bbls plugging mud and pump 25 sx C cmt on CIBP 6,011 – 5,645'. POOH w/ tbg to 2,900'. **Paddock/Glorieta plug**
 4. Pump 25 sx C cmt 2,900 – 2,535'. POOH w/ tbg to 1,600'. **Base of salt plug**
 5. Pump 25 sx C cmt w/ 2% CaCl₂ @ 1,600'. WOC and tag this plug no deeper than 1,500'. POOH w/ tbg. **Intermediate casing shoe & top of salt plug**
 6. RU lubricator and RIH w/ wireline, perforate casing @ 400'. POOH w/ wireline.
 7. RIH w/ AD-1 packer to 120'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 35 sx C cmt w/ 2% CaCl₂ 400 – 300'. If unable to establish rate at 1,000 psi or less, pump 25 sx C cmt balanced plug minimum 50' below perforations.
 8. RIH w/ wireline, perforate casing @ 50'. POOH w/ wireline.
 9. ND BOP and NU wellhead. Establish circulation in 5 $\frac{1}{2}$ x 8 $\frac{5}{8}$ " annulus and circulate 20 sx C cmt 50' to surface. **surface plug**
 10. SI well. RDMO. Clean steel pit and dispose of bottoms.
 11. Cut off wellhead and anchors, level location. Leave location clean and free of trash.

PROPOSED PLUGGED WELLBORE SKETCH

ConocoPhillips Company - Permian Basin Business Unit

Date: August 25, 2004

RKB @
DF @
GL @ 3,970'



20 sx C cmt 50' to surface, perf & sqz

35 sx C cmt 400 - 300', perf & sqz

TOC @ 900' (T.S.)

8-5/8" 24# J55 @ 1,550' w/ 700 sx, circ.
Top of Salt @ 1,550', est.

25 sx C cmt 1,600 - 1,235', WOC & TAG

Base of Salt @ 2,800', est.

25 sx C cmt 2,900 - 2,535'

25 sx C cmt 6,011 - 5,645'

set CIBP @ 6,011'

Paddock

6061' - 6078' - 2 SPF

6086' - 6094' - 2 SPF

7-7/8" Hole

4-1/2" OD @ 6,200' w/ 1,332 sx
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PROPOSED PLUGS

- 1) set CIBP @ 6,011'
- 2) 25 sx C cmt 6,011 - 5,645'
- 3) 25 sx C cmt 2,900 - 2,535'
- 4) 25 sx C cmt 1,600 - 1,235', WOC & TAG
- 5) 35 sx C cmt 400 - 300', perf & sqz
- 6) 20 sx C cmt 50' to surface, perf & sqz



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Glorieta	5,967'
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