

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. 30-025-20820
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No. B-2354-2
3. Address of Operator 4001 Penbrook Street Odessa, Texas 79762		7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit Tract 37
4. Well Location Unit Letter <u>H</u> : <u>2,180</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>31</u> Township <u>17-S</u> Range <u>35-E</u> NMPM County <u>Lea</u>		8. Well Number 4
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,960' GL		9. OGRID Number
Pit or Below-grade Tank Application ☐ or Closure ☐		10. Pool name or Wildcat Vacuum Glorieta
Pit type <u>STEEL</u> Depth to Groundwater <u>95'</u> Distance from nearest fresh water well <u>1/2 mile</u> 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: ☐

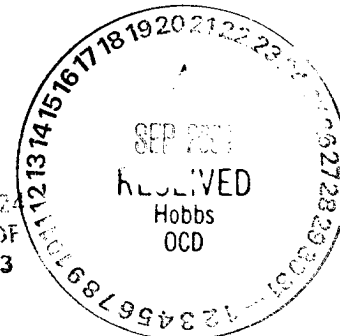
SUBSEQUENT REPORT OF:

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 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 NMOC 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 09/14/04

Type or print name James F. Newman E-mail address OC FIELD REPRESENTATIVE@triple-n-services.com Telephone No. 432-687-1994
For State Use Only REPRESENTATIVE / STAFF MANAGER

APPROVED BY: Harry W. Wink TITLE SEP 22 2004
Conditions of Approval (if any):

WELLBORE SKETCH

ConocoPhillips Company – Permian Basin Business Unit

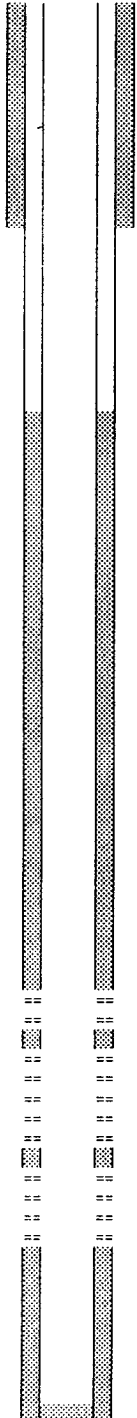
Date: September 8, 2004

RKB @ 3985'
DF @ 3984'
GL @ 3974'

Subarea: Buckeye
Lease & Well No.: VGEU No. 37-04
Legal Description: 2180' FNL & 660' FEL, SE/4 NE/4 Section 31, T-17-S, R-35-E
NMPM Survey
County: Lea State: New Mexico
Field: Vacuum Glorieta
Date Spudded: May 23, 1964 IPP: 6/15/64
API Number: 30-025-20820 67 BO, 4 BW, GOR 780
Status:
Drilled as Shell State "A" No. 8

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
6037-6076	6/5/64	Perf 6037-6076 -- 10 holes						
	6/5/64	15% NE	200					
		15% NE	1,500	20 BS	4100	3600	2.1	
6036-6076	6/8/64	Re-perf 6036-6076 -- 14 holes						
	6/9/64	15% NEA	2,000	41 BS	3800	3400	2.4	
	6/15/64	Potential: Pmp 67 BO, 4 BW, GOR 780						
	8/23/64	Cut paraffin						
6036-6076	11/14/64	Gelled FW	20,000	20,000	7200	4000	20.0	
	12/10/64	Test: Pmp 16 BO, 0 BW						
	12/24/66	Cut paraffin, test tubing						
6190-6100	2/24/71	15% NEA	60	(spot)				
	2/24/71	Perf 6137-6177 -- 12 holes						
6137-6177	2/25/71	15% NEA	250					
6137-6177	2/26/71	15% NEA	6,000	14 BBS	4400	3700		
	3/15/71	Test: Pmp 17 BO, 35 BW						
5939-6177	8/21/73	Perf 5939-5957						
	8/25/73	15% Acid	2,000					
		XE-Frac	21,000	15,800	7100	5400	10.6	
		Job Sanded Out						
	2/10/78	Hydrotest tubing						
	12/1/93	Change in lease name and well number						
	7/15/94	Casing Integrity Test						
	8/04	During process to TA well discovered bad casing starting at 4100' down						
	9/8/04	Prepare Application for Abandonment of Well						



12-1/4" Hole

Top of Salt @ +/- 1513' (Est.)

8-5/8" 24# J55 @ 1,575' w/ 800 sx, circ. 75 sx

TOC @ 2,700' (calc.)

Base of Salt @ +/- 2828' (Est.)

Bad Casing 4100' down

DV Tool @ 4688'

Glorieta

5939 5944 5949
5951 5955 5957

6036 6037 6038
6040 6042 6044
6049 6051 6053
6056 6057 6065
6072 6076

6137 6139 6141
6146 6151 6153
6156 6159 6171
6173 6175 6177

Float Collar @

7-7/8" Hole

4-1/2" 9.5# J-55 @ 6,302' w/ 700 sx
Cmt w/ 700 sx
TOC @ 2,700' (calc.)

PBTD: 6228'
TD: 6305'

Formation Tops:

Base Red Beds 1513'
Yates 2828'
Queen 3691'
San Andres 4326'
Glorieta 5923'
Paddock 6036'

ConocoPhillips

Proposed Plugging Procedure

Vacuum Glorieta East Unit #37-04
Vacuum (Glorieta) Field
API #30-025-20820
Section 31, 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 equipment as present.
 3. RIH w/ 2 $\frac{3}{8}$ " workstring to 5,900'. RU cementer and load hole w/ 60 bbls plugging mud, pump 25 sx C cmt @ 5,900'. PUH w/ tbq and WOC minimum 3 hrs. RIH w/ tbq, tag cmt no deeper than 5,800'. **Paddock/Glorieta plug**
 4. Pump 25 sx C cmt 4,738 – 4,638'. POOH w/ tbq to 2,928'. **DV tool plug**
 5. Pump 25 sx C cmt w/ 2% CaCl₂ @ 2,928'. WOC and tag this plug no deeper than 2,828'. POOH w/ tbq. **Base of salt plug**
 6. RU lubricator and RIH w/ wireline, perforate casing @ 1,625'. POOH w/ wireline, RD lubricator.
 7. RIH w/ AD-1 packer to 1,400'. Load hole, set packer, establish rate at 1,500 psi or less, and squeeze 60 sx C cmt w/ 2% CaCl₂ 1,625 – 1,525'. WOC and tag this plug no deeper than 1,525'. POOH w/ tbq. **Surface casing shoe & top of salt plug**
 8. RU lubricator and RIH w/ wireline, perforate casing @ 400'. POOH w/ wireline, RD lubricator.
 9. RIH w/ AD-1 packer to 120'. Load hole, set packer, establish rate at 500 psi or less, and squeeze 35 sx C cmt 400 – 300'. POOH w/ packer.
 10. RIH w/ wireline, perforate casing @ 60'. POOH w/ wireline.

11. ND BOP and NU wellhead.

12. Pump 20 sx C cmt 60' to surface. SI well. **surface plug**

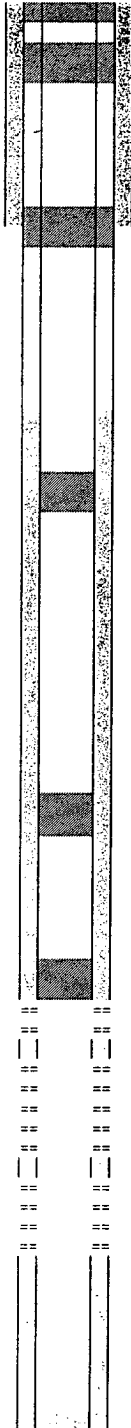
13. RDMO. Clean steel pit and dispose of bottoms.

14. 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: September 14, 2004

RKB @ 3985'
 DF @ 3984'
 GL @ 3974'



15 sx C cmt 60' to surface, perf & sqz

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

12-1/4" Hole

Top of Salt @ +/- 1513' (Est.)

8-5/8" 24# J55 @ 1,575' w/ 800 sx, circ. 75 sx

60 sx C cmt 1,625 - 1,525', perf & sqz
 WOC & TAG

TOC @ 2,700' (calc.)

Base of Salt @ +/- 2828' (Est.)
 25 sx C cmt 2,928 - 2,828'
 WOC & TAG

Bad Casing 4100' down

DV Tool @ 4688'
 25 sx C cmt 4,738 - 4,638'

25 sx C cmt 5,900 - 5,800', WOC & TAG

Glorieta

5939 5944 5949
 5951 5955 5957

6036 6037 6038
 6040 6042 6044
 6049 6051 6053
 6056 6057 6065
 6072 6076

6137 6139 6141
 6146 6151 6153
 6156 6159 6171
 6173 6175 6177

Float Collar @

7-7/8" Hole

4-1/2" 9.5# J-55 @ 6,302' w/ 700 sx
 Cmt w/ 700 sx
 TOC @ 2,700' (calc.)

PBTD: 6228'
 TD: 6305'

Subarea: Buckeye
 Lease & Well No.: VGEU No. 37-04
 Legal Description: 2180' FNL & 660' FEL, SE/4 NE/4 Section 31, T-17-S, R-35-E
NMPM Survey
 County: Lea State: New Mexico
 Field: Vacuum Glorieta
 Date Spudded: May 23, 1964 IPP: 6/15/64
 API Number: 30-025-20820 67 BO, 4 BW, GOR 780
 Status: _____
 Drilled as Shell State "A" No. 8

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	6/5/64	Perf 6037-6076 -- 10 holes						
6037-6076	6/5/64	15% NE	200					
		15% NE	1,500	20 BS	4100	3600	2.1	
	6/8/64	Re-perf 6036-6076 -- 14 holes						
6036-6076	6/9/64	15% NEA	2,000	41 BS	3800	3400	2.4	
	6/15/64	Potential: Pmp 67 BO, 4 BW, GOR 780						
	8/23/64	Cut paraffin						
6036-6076	11/14/64	Gelled FW	20,000	20,000	7200	4000	20.0	
	12/10/64	Test: Pmp 16 BO, 0 BW						
	12/24/66	Cut paraffin, test tubing						
6190-6100	2/24/71	15% NEA	60	(spot)				
	2/24/71	Perf 6137-6177 -- 12 holes						
6137-6177	2/25/71	15% NEA	250					
6137-6177	2/26/71	15% NEA	6,000	14 BBS	4400	3700		
	3/15/71	Test: Pmp 17 BO, 35 BW						
	8/21/73	Perf 5939-5957						
5939-6177	8/25/73	15% Acid	2,000					
		XE-Frac	21,000	15,800	7100	5400	10.6	
		Job Sanded Out						
	2/10/78	Hydrotest tubing						
	12/1/93	Change in lease name and well number						
	7/15/94	Casing Integrity Test						
	8/04	During process to TA well discovered bad casing starting at 4100' down						
	9/8/04	Prepare Application for Abandonment of Well						

PROPOSED PLUGS

- 1) 25 sx C cmt 5,900 - 5,800', WOC & TAG
- 2) 25 sx C cmt 4,738 - 4,638'
- 3) 25 sx C cmt 2,928 - 2,828', WOC & TAG
- 4) 60 sx C cmt 1,625 - 1,525', perf & sqz, WOC & TAG
- 5) 35 sx C cmt 400 - 300', perf & sqz
- 6) 15 sx C cmt 60' to surface, perf & sqz

Formation Tops:

Base Red Beds	1513'
Yates	2828'
Queen	3691'
San Andres	4326'
Glorieta	5923'
Paddock	6036'