

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. 30-025-20820
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2354-2
7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit Tract 37
8. Well Number 4
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 H : 2,180 feet from the North line and 660 feet from the East line  
Section 31 Township 17-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,960' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type STEEL Depth to Groundwater 95' Distance from nearest fresh water well 1/2 mile 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 DIAGRAM

10/25/04 thru 10/27/04 MIRU Triple N rig #23 and plugging equipment. NU BOP & enviro-vat. RIH w/ workstring to 5,891'. RU cementer and circulated hole w/ mud, pumped 25 sx C cmt @ 5,891'. WOC. RIH w/ tbg to 5,891', no tag. Pumped 25 sx C cmt @ 5,891'. WOC & tagged cmt @ 5,579'. Circulated hole w/ mud and POOH w/ tbg to 4,737'. Finished circulating mud and pumped 25 sx C cmt 4,737 - 4,367'. POOH w/ tbg to 2,929' and pumped 25 sx C cmt w/ 2% CaCl<sub>2</sub> @ 2,929'. POOH w/ tbg. WOC & tagged cmt @ 2,565'. RU lubricator, and pressure-tested lubricator to 1,000 psi, held. RIH w/ wireline and perforated @ 1,625'. POOH w/ wireline, ND lubricator. RIH w/ packer and loaded hole, set packer, established rate into perforations of 1 BPM @ 1,300 psi and squeezed 60 sx C cmt 1,625 - 1,525', ISIP 1,400 psi. WOC & tagged cmt @ 1,475', POOH w/ wireline. ND BOP & enviro-vat, NU lubricator and tested to 1,000 psi, held. RIH w/ wireline and perforated casing @ 400', POOH w/ wireline. ND enviro-vat. SI BOP and pressured up on perforations to 1,400 psi, no rate. RIH w/ tbg and pumped 15 sx C cmt @ 436'. POOH w/ tbg and WOC 3 hrs. RIH w/ wireline and tagged cmt @ 230', POOH w/ wireline. ND BOP & enviro-vat, NU lubricator and tested to 1,000 psi, held. RIH w/ wireline and perforated casing @ 60', POOH w/ wireline. NU wellhead, circulated 35 sx C cmt 60' to surface. RDMO.

Cut off wellhead and anchors, installed dry hole marker. Backfilled cellar.

Approved as to plugging of the Well Bore.  
Liability under bond is retained until  
surface restoration is completed.

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 11/10/04

Type or print name James F. Newman

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

For State Use Only

APPROVED BY: Hayward Wink TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE NOV 22 2004

Conditions of Approval (if any)

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

Date: November 3, 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 : PLUGGED 10/27/04  
 Drilled as Shell State "A" No. 8

## **Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	6/5/64	<b>Perf 6037-6076 -- 10 holes</b>						
6037-6076	6/5/64	15% NE	200					
		15% NE	1,500	20 BS	4100	3600	2.1	
	6/8/64	<b>Re-perf 6036-6076 -- 14 holes</b>						
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	<b>Perf 6137-6177 -- 12 holes</b>						
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	<b>Perf 5939-5957</b>						
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	<b>Prepare Application for Abandonment of Well</b>						

35 sx C cmt 60' to surface, perf & sqz  
 circulated cement to surface

15 sx C cmt 436 - 230', perforated @  
 400', unable to squeeze at 1,400 psi

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 - 1,475', perf & sqz  
 TAGGED

TOC @ 2,700' (calc.)

Base of Salt @ +/- 2828' (Est.)  
 25 sx C cmt 2,929 - 2,565' TAGGED

Bad Casing 4100' down

DV Tool @ 4688'  
 25 sx C cmt 4,737 - 4,367'

25 & 25 sx C cmt 5,891 - 5,579' TAGGED

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'



## **ACTUAL PLUGS**

- 1) 50 sx C cmt 5,891 - 5,579' TAGGED
- 2) 25 sx C cmt 4,737 - 4,367'
- 3) 25 sx C cmt 2,929 - 2,565' TAGGED
- 4) 60 sx C cmt 1,625 - 1,475', perf & sqz, TAGGED
- 5) 15 sx C cmt 436 - 230' TAGGED
- 6) 35 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'