Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

HOBBS OCD
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
FEB 10 2014
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-32262

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)
RECEIVED

7. Lease Name or Unit Agreement Name
VACUUM GLORIETA WEST UNIT

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 15

2. Name of Operator
CHEVRON U.S.A. INC.

9. OGRID Number 4323

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

10. Pool name or Wildcat
VACUUM; GLORIETA

4. Well Location
Unit Letter: A 807 feet from NORTH line and 971 feet from the EAST line
Section 25 Township 17S Range 34E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER: ADD ADD GLORIETA PERFS, ACIDIZE, RTP				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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO ADD GLORIETA PERFS, ACIDIZE, AND RTP THE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, AND WELLBORE DIAGRAMS.

DURING THIS PROCESS WE PLAN TO USE THE CLOSED LOOP SYSTEM WITH A STEEL TANK AND HAUL TO THE REQUIRED DISPOSAL, PER THE OCD RULE 19.15.17.

Spud Date: | Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Pinkerton TITLE REGULATORY SPECIALIST DATE 02/07/2014

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE FEB 11 2014

Conditions of Approval (if any):

FEB 11 2014

VGWU #15H Wellbore Diagram
Active Oil Well

Created:	09/20/13	By:	TFIZ	Well #:	15H	St. Lse:	
Updated:		By:		API	30-025-32262		
Lease:	Vacuum Glorieta West Unit			Unit Ltr.:	A	Section:	25
Field:				TSHP/Rng:	S-17 E-34		
Surf. Loc.:	807' FNL & 971' FEL			Unit Ltr.:	D	Section:	30
Bot. Loc.:	816' FNL & 229' FWL			TSHP/Rng:	17-S, 35-E		
County:	Lea	St.:	NM	Directions:	Buckeye, NM		
				Chevno:	QU2299		

Surface Casing

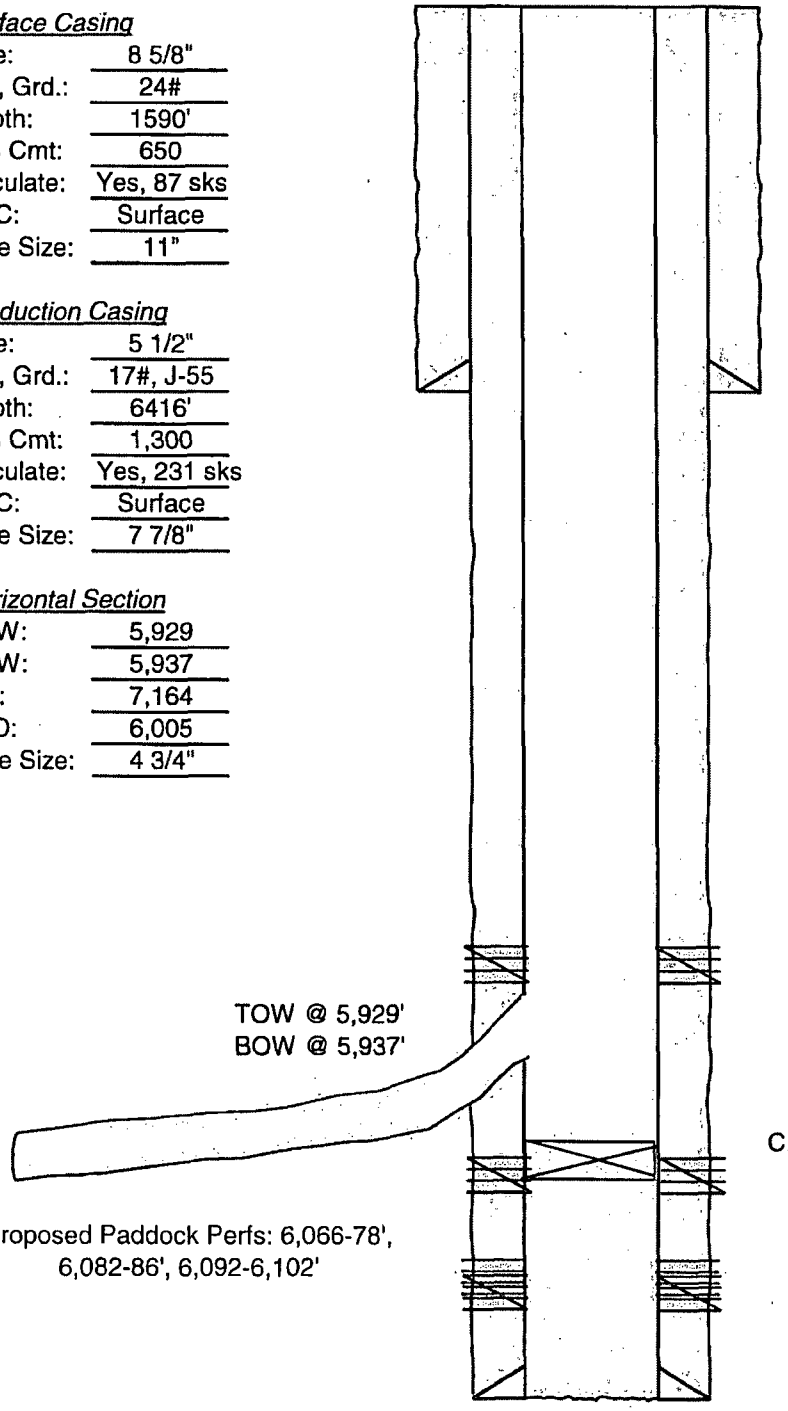
Size:	8 5/8"
Wt., Grd.:	24#
Depth:	1590'
Sks Cmt:	650
Circulate:	Yes, 87 sks
TOC:	Surface
Hole Size:	11"

Production Casing

Size:	5 1/2"
Wt., Grd.:	17#, J-55
Depth:	6416'
Sks Cmt:	1,300
Circulate:	Yes, 231 sks
TOC:	Surface
Hole Size:	7 7/8"

Horizontal Section

TOW:	5,929
BOW:	5,937
MD:	7,164
TVD:	6,005
Hole Size:	4 3/4"



PBTD: 6,000
TD: 6,416

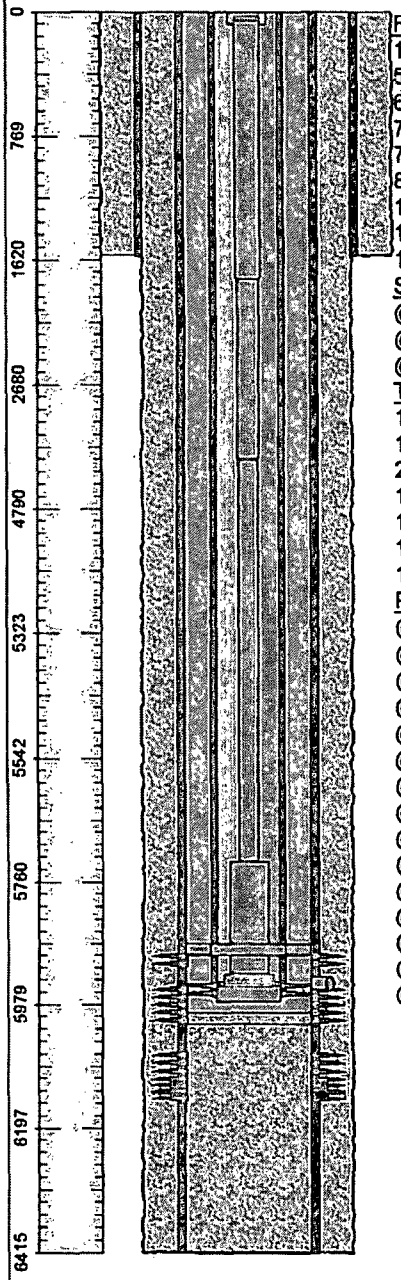
KB:	4,009'
DF:	
GL:	3,995'
Ini. Spud:	12/26/93
Ini. Comp.:	01/08/94

History

12/26/93: Spud well.
01/08/94: Complete 6,063 - 6,138' (2 SPF) (118 Holes) & Acidize w/ 4,500 gal 15% HCl. Original PBTD 6,244'
11/09/99: Set CMT retainer @ 6,040' & squeeze original perfs. New PBTD 6,050'
11/15/99: TIH w/perf gun & add Glorieta Perfs 5886-5910, 5946-6010. Acidize perfs w/ 6000 gal 15% NEFE HCl. Classify well as shut in oil.
07/23/01: TA Well - Expiration on 11/19/04
10/19/01: Set CMT retainter at 5,832' and squeeze perfs from 5,886 - 6,010'; 111 sks in the formation. Drill CMT from 5,834-5,930' & clean out to 6,000'.
10/28/01: Mill window from 5,929'-5,937'.
11/3/01-11/10/01: TD Horizontal at MD of 7,164' & CTCO w/ Nitrogen Foam, Acid wash from 7,162' to 6,200' w/ 15,000 gal 15% HCl.
11/22/01: Place on production, 12 hr test shows 1.5 BO, 118 BW, 11 MCF.
08/31/06: Pump failure, downsize from 1.75" to 1.25" RHBC.

Chevron U.S.A. Inc. Wellbore Diagram : VGWU 015 H

Lease: OVC VACUUM FMT	**Well No.:** VGWU 15H VGLOR 15H	**Field:** VACUUM	
Location: 807FNL971FEL	**Sec.:** N/A	**Blk:**	**Survey:** N/A
County: Lea **St.:** New Mexico	**Refno:** QU2299	**API:** 3002532262	**Cost Center:** UCT492400
Section: E034	**Township:** 25		**Range:** S017
Current Status: ACTIVE		**Dead Man Anchors Test Date:** NONE	
Directions:			



Rod String Quantity (Top-Bottom Depth) Desc
1 @(0-26) 1.500 (1 1/2 in.) Spray Metal x 26-
5 @(26-48) 1.000 (1 in.) D Rod Sub(s) 2,2,4,6,8,-
69 @(48-1773) 1.000 (1 in.) D x 25 Rod-
79 @(1773-3748) 0.875 (7/8 in.) D x 25 Rod-
79 @(3748-5723) 0.750 (3/4 in.) D x 25 Rod-
8 @(5723-5923) 1.500 (1 1/2 in.) (Unknown) x 25 Sinker Bar-
1 @(5923-5947) Rod Pump (Insert) (NON-SERIALIZED) - 25-125-R H BC -24-5 (Bore = 1.25)-
1 @(5947-5954) Dip Tube-

Surface Casing (Top-Bottom Depth) Desc
@(0-1590) Unknown 8.625 OD/ 24.00# Round Short 8.097 ID 7.972 Drift-
@(0-1590) Wellbore Hole OD-11.0000-
@(0-1590) Cement-

Tubing String Quantity (Top-Bottom Depth) Desc
188 @(0-5869) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(5869-5872) Tubing Anchor/Catcher-
2 @(5872-5938) L-80 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(5938-5939) Blast Joint-
1 @(5939-5940) Seat Nipple - Heavy Duty (2.875)-
1 @(5940-5944) Perforated Tubing Sub 2.875-
1 @(5944-5974) Bull Plug Mud Anchor-

Production Casing (Top-Bottom Depth) Desc
@(1590-6416) Wellbore Hole OD- 7.8750 - N/A-
@(0-6416) Unknown 5.500 OD/ 17.00# Round Long 4.892 ID 4.767 Drift-
@(0-6416) Cement-
@(5886-6138) Producing Interval-
@(6063-6086) Perforations-Closed-Squeezed
@(5886-5910) Perforations-Closed-Squeezed
@(5946-6010) Perforations-Closed-Squeezed
@(6092-6110) Perforations-Closed-Squeezed
@(6116-6122) Perforations-Closed-Squeezed
@(6126-6138) Perforations-Closed-Squeezed
@(5929-5937) Casing Window-
@(6000-6416) Plug Back (unknown type)-
@(5993-5997) Bridge Plug Cast Iron 5.500"-
@(5941-5944) Cast Iron Bridge Plug-
@(5928-6006) Wellbore Hole OD- 4.7500-

Ground Elevation (MSL): 3995.00	**Spud Date:** 10/27/2001	**Compl. Date:** 12/18/2001
Well Depth Datum: Kelly Bushing	**Elevation (MSL):** 4009.00	**Correction Factor:** 14.00
Last Updated by: tfiz	**Date:** 10/09/2013	

Well: VGWU No. 015
API No.: 30-025-32262
Lea County, New Mexico

Description of Work: Pull equipment, DO CMT, add perforations & acidize. Return well to production.

Pre-Job Work:

- Utilize the rig move check list.
- Check location, anchors (if they haven't been tested in the last 24 months, retest).
- Ensure location of & distance to power lines is in accordance with MCBU SWP. Complete and electrical variance and electrical variance RUMS if necessary.
- Ensure that location is adequate build and construction.
- Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
- When NU anything over an open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.
- For wells to be worked on or drilled in an H_2S field/area, include the anticipated maximum amount of H_2S that an individual could be exposed to along with the ROE calculations for 100 ppm and 500 ppm.
- If the possibility of trapped pressure exists, check for possible obstructions by:
    - Pumping through the fish/tubular – this is not guaranteed with an old fish as the possibility of a hole above the obstruction could yield inconclusive results.
    - Dummy run – Consult with remedial engineer before making any dummy run. Make a dummy run through the fish/tubular with sandline, slickline, eline, or rods to verify no obstruction.
- If unable to verify that there is no obstruction above the connection to be broken, or if there is an obstruction:
    - Hot tap at the connection to check for pressure and bleed off.
    - Observe and watch for signs/indicators of pressure as connection is being broken. Use mud bucket (with seals removed) and clear all non-essential personnel from the floor.
- CAUTION H_2S MAY BE PRESENT, TAKE PROPER PRECAUTIONS

Well: VGWU No. 015
API No.: 30-025-32262
Lea County, New Mexico

Procedure:

1. Rig up pulling unit & equipment. Check wellhead pressure. Kill well as required. Monitor to verify well is static.
2. Pull and lay down rods and pump. Inspect rods for signs of wear, corrosion, scale, etc. Note any rod damage in WellView.
3. ND wellhead. Nipple up 7 1/16" 5,000 psi BOP with 2 7/8" pipe rams over blinds.
4. Make up 5 1/2" test packer in production tubing string. Pick up and run in hole with packer and 1 joint 2 7/8" tubing. Set packer at +/- 30'. Test BOP to 250 psi low / 500 psi high. Pull out of hole with test packer.
5. Pull out of hole and lay down 2 7/8" production tubing.
6. Pick up and hydrotest in hole with 4 ¾" mill tooth bit on 2 7/8" new production tubing as the WS. Pick up additional joints to tag for fill.
7. Clean out to +/- 5,993' (PBTD).
8. DO CIBP @ 5,993' and CMT to 6,200'.
9. POH w/tbg and bit.
10. Move in and rig up wireline. Establish exclusion zone.
11. RU and test lubricator.
12. Perforate new perforations 6,066-78', 6,082-86', & 6,092-6,102', with 3 1/8" HP Slick Guns with 3 SPF as per Weatherford recommended procedure. Tie into Union Wireline's Gamma Ray – Casing Collar Log dated 01/16/1994 (tie in strip included).
13. Pull out of hole with perforating gun
14. Rig down lubricator and wireline truck.
15. TIH with 5-1/2" treating packer on 2-7/8" EUE L-80 6.5# production string. Test tubing to 6,000 psi below slips while RIH. Set packer @ ~6,030'.
16. Acidize Paddock perforations from 6,066 – 6,102' with 3,000 gal 15% HCL. Divert using 1-2,000 # rock salt. Pump acid at 4-5 BPM. Max Pressure = 5,000 psi. Displace acid with FW to bottom perf at 6,102'. Flush and over flush perfs by 100 Bbls. Monitor casing pressure for communication around packer.
17. Shut-in for 2 hours and allow acid to spend. Attempt to flow back load. Swab back load.
18. Release packer, & POOH.
19. PU and RIH with new 2-7/8" production tubing as per ALCR recommendation.
20. ND BOP and install WH. Install wellhead connections.
21. RIH with new pump and rods as per ALCR.
22. Rig down and move off pulling unit & equipment.
23. Turn well over to Operations.