

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

Form C-103

Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-025-31872
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well Number #77
9. OGRID Number 4323
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 Water INJECTION

2. Name of Operator  
CHEVRON USA INC

3. Address of Operator  
15 SMITH RD MIDLAND, TX 79705

4. Well Location  
 Unit Letter I : 2569 feet from the SOUTH line and 1226 feet from the EAST line  
 Section 35 Township 17S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
GR 4010

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>		<b>Per Underground Injection Control Program Man</b>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>		OTHER: <b>11.6 C Packer shall be set within or less than 100 feet of the uppermost injection peris or open hole.</b>	
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 19.15.7.14 NMAC. For Multiple Completions, Attach wellbore diagram of proposed completion or recompletion.

CHEVRON USA INC. INTENDS TO CLEAN OUT AND ACIDIZE.  
 PLEASE FIND ATTACHED THE INTENDED PROCEDURE.  
 DURING THE PROCEDURE WE PLAN TO USE THE CLOSED LOOP SYSTEM WITH A STEEL TANK AND HAUL TO A REQUIRED DISPOSAL, PER OCD RULE 19.15.17

**Condition of Approval: notify**

**OCD Hobbs office 24 hours**

**prior of running MIT Test & Chart**

The Oil Conservation Division  
**MUST BE NOTIFIED 24 Hours**  
 Spud Date: **Prior to the beginning of operations** Rig Release Date:

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

SIGNATURE Cindy Herrera-Murillo TITLE PERMITTING SPECIALIST DATE 09/09/2013

Type or print name CINDY HERRERA-MURILLO E-mail address: CHERRERAMURILLO@CHEVRON.COM  
 PHONE: 575-263-0431

For State Use Only

APPROVED BY [Signature] TITLE DIST. MGR DATE 9-17-2013

CONDITION OF APPROVAL: Operator shall give the OCD District Office 24 hour notice before running the MIT test and chart.

SEP 17 2013

Well: VGWU No. 077  
API No.: 30-025-31872  
Lea County, New Mexico

**Description of Work:** Pull equipment, clean out, and acidize. Return well to injection with tandem packer system.

**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<sub>2</sub>S field/area, include the anticipated maximum amount of H<sub>2</sub>S 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<sub>2</sub>S MAY BE PRESENT, TAKE PROPER PRECAUTIONS

Well: VGWU No. 077  
API No.: 30-025-31872  
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. ND wellhead. Nipple up 7 1/16" 5,000 psi BOP with 2 3/8" pipe rams over blinds and 7 1/16" 5,000 psi annular BOP.
3. Unset packer. TOH with 2.375" injection tubing.
4. PU/RIH w/4.75" MT bit, on 2.875" WS. Tag and record fill depth. RU power swivel, C/O to 6,160' (140 ft below bottom perforation).
5. TOH w/ 4.75" MT bit standing back WS.
6. RIH with 5.50" RBP and treating packer on 2.875" WS.
7. If pipe tests Set RBP at 6,020'. Set treating packer at 5,948'.
8. Pump into Paddock perforations at 3-5 BPM and monitor BS for communication. If no communication is witnessed, continue with running tandem packer system in hole.
9. If communication exists behind casing or there is no pipe to set pkr in, TOH with RBP, pkr, and WS. RIH with CBP and set at ~5,945 and cap with 15' of cement.
10. If pkr seat is located and there is no communication behind pipe, unset packer and retire RBP from 6020'
11. Set RBP @ 5,940'. Set treating packer at 5,830'.
12. Acidize Glorieta perforations from 5,840'-5,927' with 3,000 gal 15% HCl Acid. Use 3,000 # B-6 Rock Salt to divert as per Petroplex's recommended procedure.
13. Shut-in for 2 hours to allow acid to spend.
14. Swab back load. Release packer and RBP and TOH. Laydown packer, RBP, and WS.

**Well:** VGWU No. 077  
**API No.:** 30-025-31872  
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15. PU new 2.375" TK-15 injection tubing and tandem packer assembly: consisting of AS-1X w/ On-off tool with 1.43" profile (with plug in place), Wryt Wrap tbg and side pocket mandrel, Snap Set II Pkr on 2 3/8" TK-15 IPC tbg. (Pkrs to be Nickel coated and IPC)
16. Space out with bottom pkr at~ 5,935' and top pkr @ ~5820'
17. Set AS-1X pkr. Release from On-Off tool circ pkr fluid. Latch backup on O-Off tool, Set down 12 to 15 points to set Snapset II pkr.
18. ND BOP and install WH.
19. RU WL retrieve profile plug.
20. Obtain MIT test chart for > 30 minutes and @ +300 psi. Send chart to Denise Pinkerton in Midland Regulatory Dept.
21. Rig down and move off pulling unit & equipment.
22. Turn well over to Operations.

SPH 07/22/13, revised 7/24/13 LGBI

Contacts:

Remedial Engineer – Larry Birkelbach	(432-687-7650 / Cell: 432-208-4772)
Production Engineer – Sean Heaster	(432-687-7366 / Cell: 432-640-9031)
ALCR – Danny Acosta	(Cell: 575-631-9033)
D&C Ops Manager – Boyd Schaneman	(432-687-7402 / Cell: 432-238-3667)
D&C Supt. – Heath Lynch	(432-687-7857 / Cell: 281-685-6188)
OS – Nick Moschetti	(Cell: 432-631-0646)