

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

HOBBS OCE

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

SEP 16 2013

RECEIVED

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 INJECTION

2. Name of Operator  
CHEVRON USA INC

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

4. Well Location

Unit Letter N : 214 feet from the SOUTH line and 1630 feet from the WEST line  
Section 25 Township 17S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
GR 4005

WELL API NO.  
30-025-31702  
5. Indicate Type of Lease  
STATE ☒ FEE ☐  
6. State Oil & Gas Lease No.  
7. Lease Name or Unit Agreement Name  
VACUUM GLORIETA WEST UNIT  
8. Well Number #52  
9. OGRID Number  
4323  
10. Pool name or Wildcat  
VACUUM GLORIETA

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 ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

Per Underground Injection Control Program Manual

OTHER: 11.6 C Packer shall be set within or less than 100

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 ADD PERFS AND ACIDIZE THE ABOVE WELL.

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  
Prior to the beginning of operations

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 Cindy Herrera-Murillo TITLE PERMITTING SPECIALIST DATE 575-263-0431

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 DISTRICT 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. 052  
API No.: 30-025-31702  
Lea County, New Mexico

**Description of Work:** Pull equipment, plug back, add perforations, and acidize. Return well to injection.

**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. 052  
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**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. Test pipe rams against injection pkr to 250 psi low/ 500 psi high for 5 minutes.
3. Unset packer. TOH with 2-3/8" injection tubing. LD all tubing.
4. PU/RIH w/4-3/4" MT bit, on 2-3/8" WS. Tag and record fill depth. If fill tagged above top paddock perforation at 6,002', RU power swivel, C/O to past top perforation.
5. TOH w/ 4-3/4" MT bit standing back WS.
6. MI RU WL. Test lubricator to 1000 psi. RIH with 5-1/2" CIBP. Set plug at 6,000'. Dump bail 15' of cement on top of cast iron bridge plug.
7. Establish exclusion zone. Turn off all electronic equipment.
8. Perforate new perforations 5,894-5,900', 5,910-20', 5,936-44', 5,954-60', & 5,969-74' with 3-1/8" HP Slick Guns EXP-3323-322T charges with 3 SPF as per Weatherford's recommended procedure. Tie into Wedge Wireline's GR-CCL dated 11/17/1992 (tie in strip included). Another vender may be used if desired utilize equivalent charges.
9. Pull out of hole with perforating gun. Make sure all shots fired.
10. Rig down lubricator and wireline truck.
11. RIH with 5-1/2" treating packer on 2-3/8" EUE L-80 4.7# work string. Test tubing to 6,000 psi below slips while RIH. Set packer ~5,850'. Load casing and test packer to 500 psi.
12. Acidize new Glorieta perms from 5,894 – 5,974' with 4,000 gal 15% HCL. Divert using 96 7/8" RCN 1.3 gravity ball sealers (100% excess), spaced evenly in groups of 10 throughout the job. Pump acid at 6-7 BPM. Max Pressure = 6,000 psi. Load and pressure backside to 500 psi. Displace acid with FW to bottom perf at 5,974'. Monitor casing pressure for communication around packer.

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13. Shut-in for 2 hours to allow acid to spend.
14. Attempt to flow back load.
15. Swab back load. Release Packer and TIH to knock balls off seat. TOH LD WS & treating pkr.
16. PU new 2-3/8" TK-15 IPC injection tubing with nickel coated IPC pkr with On-Off tool 1.43 PN w/plug in place. Set pkr at ~5,850'.
17. Release from On-Off tool, circulate pkr fluid. Latch back up.
18. ND BOP and install WH. Install wellhead connections.
19. Obtain MIT test chart for > 30 minutes and @ +300 psi. Send chart to Denise Pinkerton in Midland Regulatory Dept.
20. Rig down and move off pulling unit & equipment.
21. Turn well over to Operations.

SPH 07/25/13

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)