

State of New Mexico  
Energy, Minerals and Natural Resources

RECEIVED

AUG 18 2010

HOBBSOCD

## CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-31782

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

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

8. Well Number 18

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 INJECTOR2. Name of Operator  
CHEVRON U.S.A. INC.3. Address of Operator  
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location

Unit Letter F: 1651 feet from the NORTH line and 2543 feet from the WEST line

Section 25 Township 17-S Range 34-E 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐

## SUBSEQUENT REPORT OF:

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

OTHER: INTENT TO CONVERT TO PRODUCER

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.

CHEVRON U.S.A. INC. INTENDS TO CONVERT THE SUBJECT WELL TO A PRODUCER BY PLUGGING BACK THE CURRENT INJECTION INTERVAL, PERFORATE UPHOLE INTO THE GLORIETA FORMATION AND ACIDIZE.

THE INTENDED PROCEDURE AND WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.

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 08-17-2010

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

[Signature]

TITLE

PETROLEUM ENGINEER

DATE

AUG 31 2010

Conditions of Approval (if any):

## **VGWU 18**

**Job: Convert to Producer**

**API No. 30-025-31782**

**Vacuum Glorieta West Unit**

**Lea County, NM**

### **Workover Procedure:**

1. Monitor wellhead injection pressure.
2. Flowdown well if the tubing pressure is greater than 500 psi.
3. Pressure test csg to 500 psi.
4. MIRU PU. ND wellhead. NU BOP.
5. Unset 5-1/2" X 2-3/8" Nickel Coated loc-set pkr.
6. POOH & LD 2-3/8" IPC TK 505 while scanning tubing. Visually inspect connections for damage, corrosion, and condition of IPC.
7. PU 4-3/4" MT and scrapper bit w/ 2-7/8" WS and make cleanout run to 6020'.
8. RIH w/ CIBP on wireline and attempt to set @6010' (Correlate depth to Halliburton's Depth Control Log dated 12/14/92). If successful, then go to Step 12. If unsuccessful, POOH and LD CIBP.
9. Dump 53 ft<sup>3</sup> (5700 lbs) of 20/40 sand down hole. (Theoretical Top of Sand = 5817'). Allow time for sand to fall.
10. PU notched Collar & RIH w/ 2-7/8" Work String, Tag & Record Top of sand. Clean out to 6015. Circulate hole clean. Minimum of 1.5\*casing volume
11. POOH & Stand Back 2-7/8" workstring. LD notched Collar
12. RIH w/ Dump bailer, Dump bail cement on top of CIBP/sand. Bring Cement to a minimum of height of 6005'- Maximum height of 5998'. Wait for cement to set, RIH w/ tag bar to confirm height. Test casing to 500 psi.
13. RU lubricator.
14. RIH w/ Stimgun and perforate the 5 1/2" casing as per Baker Hughes specs. Correlate depth to Halliburton's Depth Control Log dated 12/14/92. Perforate as follows: 5885'-5893', 5911'-5929', 5937'- 5953', 5959'-5972', 5975'-5986'
15. POOH w/ Stimgun.
16. TIH w/ 5 1/2" treating pkr on 2-7/8" workstring. Test tbg to 5500# below slips while RIH. Set @ 5860'. Load casing and test to 500 psi.
17. Acidize perms w/ 7,000 gallons 15% NEFE HCL and 6000# Rock Salt in 3 stages of Acid and 2 stages of Rock Salt. Pump acid at 5 BPM. Max Pressure = 5200 psi. Rock Salt quantity may be modified as necessary.
18. Shut-in for one hour.
19. Flow or swab back load.

20. Record stabilized fluid level, fluid entry rate, oil/water cut and notify Engineer.
21. Release packer and TOH w/ workstring and packer.
22. TIH w/ 4 3/4" MT bit on workstring and clean out rock salt to 5990'.
23. TOOH
24. Mix 165 gal SCW358 (scale inhibitor) and 15 gal of XC-302 with 60 barrels fresh water.
25. Pump the chemical mixture down the casing.
26. Flush with 260 barrels fresh or brine water with 5 gal of XC-302. Max pressure = 500 psi.
27. RIH w/ 2 3/8" production tubing and set TAC per ALCR design.
28. ND BOP. NU wellhead
29. RIH w/ pump and rods per ALCR.
30. RDMO PU.
31. RTP.
32. Report production tests.

Contacts:

Ivan Pinney – Remedial Engineer (281-796-9252)  
Carlos Valenzuela – ALCR (Cell: 575-390-9615)  
Edgar Acero – Production Engineer (432-687-7343 / Cell: 432-230-0704)  
Boyd Schaneman – (432-687-7402 / Cell: 432-238-3667)  
Sam Prieto - Peak Packers – (525-631-7704)  
Tim Gray – Baker Petrolite (575-910-9390)  
Joe Moroney – Baker Hughes (230-7373)

**VGWU 18**  
**API No. 30-025-31782**

