

State of New Mexico
Energy, Minerals and Natural Resources

RECEIVED
AUG 09 2010
HOBBSOCO

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

WELL API NO. 30-025-31781
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 17
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 INJECTOR

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

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

4. Well Location

Unit Letter C: 1228 feet from the NORTH line and 1399 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 08-05-2010

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

[Signature]

TITLE

STAFF MGR

DATE 8-12-10

Conditions of Approval (if any):

VGWU 17

Job: Convert to Producer

API No. 30-025-31781

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 Plated AS-1 pkr.
6. POOH & LD 2-3/8" IPC TK 505 while scanning tubing.
7. PU 4-3/4" bit w/ 2-7/8" WS and make cleanout run to 5994' (Rig up Air Foam Unit if needed see attached air foam SOP).
8. RIH w/ CIBP on wireline and attempt to set @5990'. If successful, then go to Step 12. If unsuccessful, POOH and LD CIBP.
9. Dump 60 ft³ of sand down hole. (Theoretical Top of Sand = 5780'). 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 5992. (Rig up Air Foam Unit if needed see attached air foam SOP) 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 5980'- Maximum height of 5967'. 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 Gamma Collars log dated 12/24/92. Perforate as follows: 5885'-5893', 5910'-5924', 5928'- 5932', 5940'-5952'
15. POOH w/ Stimgun.
16. TIH w/ 5 1/2" treating pkr on 2-7/8" workstring. Test tbg to 5500# while RIH. Set @ 5860'. Load casing and test to 500 psi.
17. Acidize perms w/ 4,000 gallons 15% NEFE HCL and 3700# 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 oil returns and notify Engineer.
21. Release packer and TOH w/ workstring and packer.
22. TIH w/ 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)

Tim Gray – Baker Petrolite (575-910-9390)

Foam / Air Cleanout Procedure

1. **Review All JSA's associated with work. Ensure exclusion zones are identified and communicated to all personnel.**
2. Install flowback manifold with two chokes. All components on flowback manifold must be rated to at least 3,000 psi. Flowback manifold components should be hydrotested before delivery. Recommend mandating proof of testing from vendor.
3. Install flowback tank downwind from rig.
4. Ensure there is a Near Bit Float (If not consult with the engineer to TOOH to install)
5. Install test plug in wellhead. Close pipe rams and pressure test connection between BOP and wellhead to 250 psi/2,000 psi. Bleed off pressure.
6. Open pipe rams and close annular. Pressure test connection between BOP and wellhead to 250/1,500 psi. Bleed off pressure. Open annular. Remove test plug.
7. NU stripper head with **NO Outlets** (Check stripper cap for thread type – course threads preferred). **Stripper head to be stump tested to 1,000 psi before being delivered to rig. Ensure stump test documentation can be provided upon arrival.**
8. RIH to +/-5900 RU foam air unit. Install float at surface before beginning to pump. Break circulation with foam/air. Evacuate fluid from well.

Pump high quality foam at all times. Do not pump dry air at any time. Fluid injection rates will generally be above 12 gallons per minute.

Whenever there is pressure on the stripper head, have a dedicated person continuously monitor pressure at choke manifold and have a dedicated person at accumulator ready to close annular BOP in case stripper leaks. Do not allow pressure on stripper head to exceed 500 psi. If pressure cannot be controlled below 500 psi, stop pumping, close BOP and bleed off pressure.

9. Strip in hole until tag.
10. Rig up power swivel. Break circulation with foam/air. Install float at surface before beginning to pump. Cleanout as per original procedure. Circulate hole clean.
11. Kill tubing and casing using Brine water. If needed.
12. POOH LD workstring and bit. Brine water down tubing to put tubing on vacuum to help eliminate trapped pressure before breaking out string floats. **Have foam-air hand on location during this process.**
13. ND Stripper and flowback manifold.
14. Resume original procedure.

Vacuum Glorieta West Unit # 17

Created: 06/08/10 By: Chay
 Updated: By:
 Lease: Vacuum Glorieta West Unit
 Field: Vacuum Glorieta
 Surf. Loc.: 1228' FNL & 1399' FWL
 County: Lea St.: NM
 Status: Active - WI

Well #: 17 WI Fd./St. #: B-1520-1
 API: 30-025-31781
 Surface Tshp/Rng: T17S & R34E
 Unit Ltr.: C Section: 25
 Wellbore #: 428768
 Cost Code: UCT492400
 Chevno: QU2681

Surface Casing

Size: 8 5/8
 Wt., Grd.: 24# WC-50
 Depth: 1548'
 Sxs Cmt: 650
 Circulate: yes
 TOC: Surface
 Hole Size: 11"

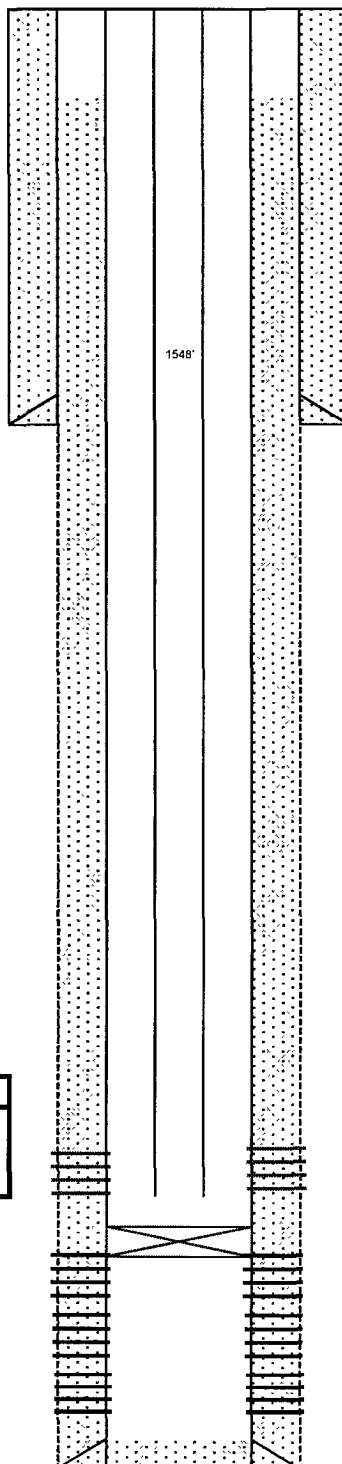
Production Casing

Size: 5 1/2
 Wt., Grd.: 17 & 15 5#
 Depth: 6290'
 Sxs Cmt: 1,350
 Circulate: No
 TOC: 500'
 Hole Size: 7 7/8
 DV Tool: 4955'

KB: 4022'
 DF:
 GL: 4008'
 Ini. Spud: 12/08/92
 Ini. Comp.: 12/29/92

History

12/8/92 Perfs 5994' - 6056', 6066'-6084' 160 holes, w/2 JSPF. Acdz w/5000 gals 15% HCL. Prep f/Inj
 8/25/93 Began inj of fresh wtr.
 4/6/00 Tst csg to 500# f/30 mins. Pkr set @ 5905'.
 4/26/05 MIRU. Kill well w/10# brine TOH w/tbg & pkr. Tag @ 5966', push to 6200' PU pkr & new 2-3/8" Inj tbg EOT @ 5904.52' Pkr @ 5911.52'. Circ 120 bbls pkr fl test to 500 psi f/30 mins, OK.



Tbg Detail 4/26/2005
 2-3/8" tbg Set @ 5904'
 Pkr set @ 5911'

Geology - Tops
 Yates
 Queen
 San Andres
 Glorieta 5875'
 Paddock 6000'
 Blinberry

Proposed Perfs

5885'-5893', 5910'-24', 5928'-32', 5940'-52'

CIBP @ 5990'

Perfs w/2 JSPF 160 HOLES
 5994' - 6056'
 6066' - 6084'

PBTD: 6200'
 TD: 6290'