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

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

Form C-103
Revised August 1, 2011

WELL API NO.
30-025-25814

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.)

HOBBS OCD

7. Lease Name or Unit Agreement Name
CENTRAL VACUUM UNIT

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

8. Well Number 26

AUG 11 2014

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

9. OGRID Number 4323

RECEIVED

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

10. Pool name or Wildcat
VACUUM G/B SAN ANDRES

4. Well Location
Unit Letter J : 1330 feet from the SOUTH line and 2577 feet from the EAST line
Section 25 Township 17-S Range 34-E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3,997' (GL)

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	☐						
OTHER: MIT REPAIR	☐			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.

THIS WELL IS CURRENTLY SHUT IN FOR A MIT FAILURE. CHEVRON WILL BE RIGGING UP ON THE WELL TO COMPLETE THE REPAIRS NECESSARY TO BRING THE WELL BACK INTO COMPLIANCE.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE AND WELLBORE DIAGRAM.

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.

Condition of Approval: notify OCD Hobbs office 24 hours prior of running MIT Test & Chart

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 08/08/2014

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

For State Use Only

APPROVED BY: Maley Brown TITLE Dist. Supervisor DATE 8/11/2014

Conditions of Approval (if any):

AUG 14 2014

Well: Central Vacuum Unit # 26
Field: Vacuum Grayburg San Andres
API No.: 30-025-25814
Lea County, New Mexico

Description of work: TOH with existing injection equipment. CO and remediate leaks. TIH with injection tubing and packer. RTI.

Pre-Work:

Check wellhead and all connections and change out anything that needs to be replaced prior to rigging up on the well

1. Check wellhead connections for pressure rating & condition. Change out if necessary.
2. Utilize the rig move check list. Coordinate with FMT for route survey between locations.
3. Check anchors and verify that pull test has been completed in the last 24 months.
4. Ensure location of & distance to power lines is in accordance with MCA SWP. Complete and electrical variance and electrical variance RUMS if necessary.
5. Ensure that location is of adequate build and construction.
6. Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
7. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole
8. For wells to be worked on or drilled in an H2S field/area, include the anticipated maximum amount of H2S that an individual could be exposed to along with the ROE calculations for 100 ppm and 500 ppm (attached).
9. If the possibility of trapped pressure exists, check for possible obstruction 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 – make a dummy run through the fish/tubular with sandline, slickline, eline or rods to verify no obstruction. Prior to making any dummy run contact RE and discuss.

    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.

Procedure:

1. Notify operations or rig up flowback crew and bleed down well to workable pressure, if needed. Pressure casing to 500 psi to test for possible casing leaks. Notify remedial engineer with results.
2. Rig up pulling unit and associated surface equipment.
3. Check wellhead pressure. If well has pressure, pump tubing volume (~13 bbls) of 10# BW down tubing. If well still has pressure, shut in and calculate kill mud weight.
4. Rig up slickline truck. Set up exclusion zone around SL unit. Test lubricator on catwalk to 1,000 psi. RIH with gauge ring to ensure tubing is free of debris or obstructions. RIH

and set blanking plug in profile nipple (1.25" F PN). Pressure test tubing to 1,500 psi after plug is set. Bleed off pressure and leave plug set. RD SL unit.

Refer to SOP-W003 "Workover and Completion Barrier Standards"

5. Monitor well for 30 minutes to ensure well is static. ND wellhead tree.
6. NU 5,000 psi BOP with 2-1/16" pipe rams over blind rams.
7. Shut in and test backside to 250/500 psi. If test passes, report to engineer.
8. If test fails, release from On/Off tool. TOH with 1 joint of tubing, install 3-1/2" test packer, TIH & set packer at ~25'. Test BOP to 250/500 psi. TOH & lay down test packer.
9. Circulate kill mud (KWM), if needed.
10. TOH scanning tubing. Stand back yellow band tubing and lay down all others. Strap tubing while TOH to confirm packer set depth (If tubing was the MIT failure issue, then be prepared to run 2-1/16" 3.25# L-80 Hunting TSHP (CS Hydril) SR TK-99 tubing as injection string).

Closely monitor weight indicator and tubing string while TOH to look for indications of possible casing issues downhole (parted, collapse, etc.)

11. MIUL and strap 2-1/16" L-80 3.25# IJ Hydril tubing as workstring.
12. PU slotted SN and on/off tool. TIH on 2-1/16" workstring and latch onto packer.
13. RU SL unit and and set up exclusion zone. RIH and retrieve blanking plug in profile nipple. RD SL unit.
14. Release packer and TOH. Lay down packer.
15. TIH with a 2-3/4" MTB on 2-1/16" work string, continue in the hole to the PBTD @ 4,782'. Circulate hole clean and displace well with KWF, if needed.
16. TOH and lay down bit. Secure well.
17. If casing didn't test in step #1, PU 3-1/2" RBP and 3-1/2" packer. TIH and set RBP at ~4290'. Work packer uphole to isolate casing leak. Once leak is found, establish injection rates and pressures into leak, if it can be done safely. Max pump pressure = 750 psi. Notify remedial engineer of results (step rates & pressures, total fluid, communication at surface, etc.). Secure well and await supplemental procedure to remediate casing leak.
18. If casing tested okay in step #1, MIUL and strap 2-1/16" L-80 IPC injection tubing.
19. TIH with 2-1/16" L-80 IPC injection tubing with on-off tool, 1.25" ID 'F' profile nipple and 3-1/2" Arrow Set IX (external nickel plated, internal plastic coated) injection packer with pump out plug on bottom.
20. Set packer at 4,286'.
21. Load tubing & equalize pressure @ on/off tool. Unlatch from on/off tool, circulate packer fluid to surface, and latch onto on/off tool.

22. Run preliminary MIT – apply 550 psi to the casing for 30 minutes. Isolate reverse pump during the pre-MIT & use chart recorder to record the pressure response. Notify remedial engineer if pressure losses are greater than or equal to 10 % of applied pressure.
23. Notify OCD w/ 24 hrs of intent to run official MIT.
24. If pre-MIT test is good, bleed off backside pressure.

Refer to SOP-W003 "Workover and Completion Barrier Standards"

25. Monitor well for 30 minutes for flow prior to ND BOPE.
26. ND BOPE, NU wellhead, blow pump off plug and pump down to PBTD.
27. RDMO pulling unit and associated surface equipment.
28. Note in WellView on time log *****Final Report*****
29. Perform and chart final MIT to 550 psi for 30 min. Submit C103 report with original MIT chart attached.
30. Write work order to re-connect the injection line.
31. Hand over to production for return to injection.

RRW 7/1/2014
EMA 7/9/2014

Contacts:

Remedial Engineer – Evan Asire	(432-687-7784 / Cell: 432-301-2067)
Production Engineer – Ryan Warmke	(432-687-7452 / Cell: 281-460-9143)
D&C TTL – Kyle Olree	(432-687-7422 / Cell: 307-922-3098)
ALCR – Danny Acosta	(Cell: 575-631-9033)
D&C Ops Manager – Boyd Schaneman	(432-687-7402 / Cell: 432-238-3667)
D&C Supt. – Victor Bajomo	(432-687-7953 / Cell: 432-202-3767)
OS – Nick Moschetti	(Cell: 432-631-0646)
Baker Petrolite – Tim Gray	(Cell: 575-910-9390)

Wellbore Diagram

CVU 26

Created:	7/3/2008	By:	JSS
Updated:	5/4/2009	By:	Cayce
Updated:	7/8/2013	By:	Chay
Lease:	Central Vacuum Unit		
Field:	Vacuum (Grayburg-San Andres)		
Surf. Loc.:	1330' FSL & 2577' FEL		
Bot. Loc.:			
County:	Lea	St.:	NM
Status:	Injector		

Well #:	26	St. Lse:	B-1056
API	30-025-25814		
Unit Ltr.:	J	Section:	25
TSHP/Rng:	17S / 34E		
Unit Ltr.:		Section:	
TSHP/Rng:			
CHEVNO:	EQ0047		
Directions:	Buckeye, NM		

Surface Casing

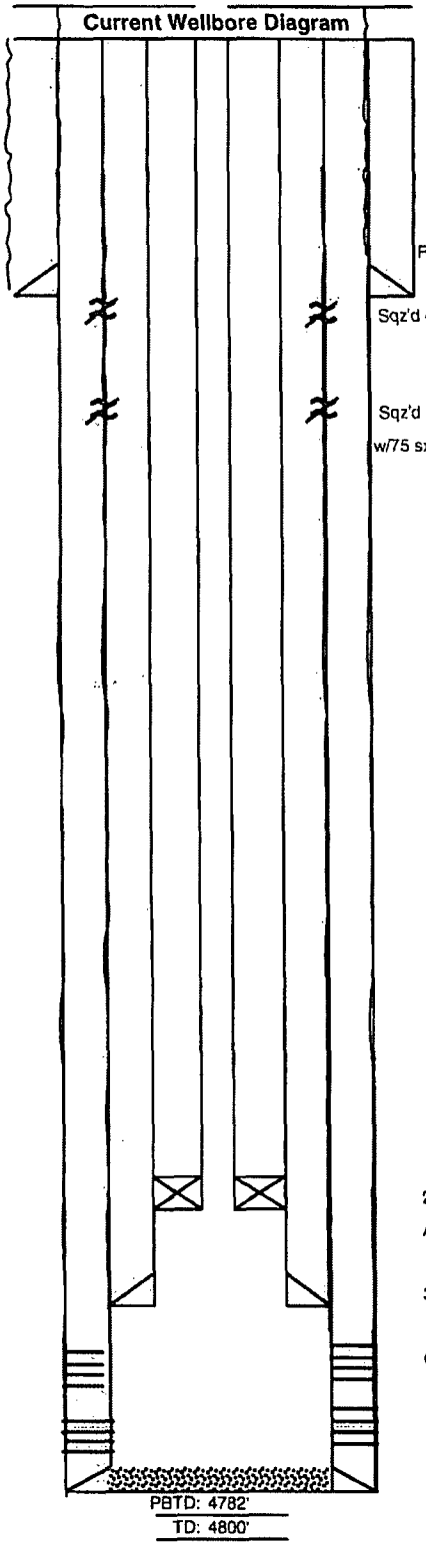
Size:	8 5/8"
Wt., Grd.:	24#, K-55
Depth:	402'
Sxs Cmt:	425 sxs
Circulate:	Yes; 45 sx
TOC:	Surface
Hole Size:	12-1/4"

Production Casing

Size:	4 1/2"
Wt., Grd.:	10.5#, K-55
Depth:	4800'
Sxs Cmt:	2100 sxs
Circulate:	Yes; 250 sx
TOC:	Surface
Hole Size:	7-7/8"

Production Liner

Size:	3-1/2" Ultra F J Csg
Wt., Grd.:	9.2#, L-80 SLF
Depth:	4303'
Sxs Cmt:	135 sxs
Circulate:	Yes, 15 bbls
TOC:	Surface
Hole Size:	4-1/2"



KB:	4009'
DF:	NA
GL:	3997'
Ini. Spud:	3/3/1978
Ini. Comp.:	3/17/1978

Perf. and Stimulation History:
CVU 026

4/14/78 Initial completion Perf. 4 1/2" csg. w/2 JSPF from 4384, 93, 4401, 17, 24, 33, 79, 88, 4565, 79, 88, 4600, 37, 46, 52, 58, 72, 78, 86, 95, 4705, 18' 22 holes.
4/21/78 Acidize perfs. 4384-4718' w/3000 gals 15% acid. Max. press.=4800#, Min. press.=2100#, Air=4.7 bpm. SIP=Vac. reset pkr. Acidize 4384-4533' w/2000 gals 15% acid Max=4100#, Min=3300# @ 2.1 bpm. SIP=2700#. reset pkr. Acidize perfs. 4384-4533' w/2000 gals w/200# salt & 100# BAF. Max=4100#, Min=2200# @ 5 bpm, SIP=1200#.
10/25/90 Sqz'd csg. leak 1053-1242' w/75 sx. cmt.
10/30/90 Acidize perfs. 4384-4718' w/3000 gals 15% NEFE & 66 1.3 BS. Max-2200, Min=900, Air=4.8 bpm, ISIP=900, 15 minutes 450, TL=90 bbls.
11/6/90 Test: 987 BW. TP=880. Test prior: 602 BW. TP=875.
4/2/01 Acidize GBSA perfs. 4384-4718' w/10000 gals 15% NEFE HCL & 3000# RS. Max=2225#, Min=778#, Avg=1430#, Air=4.8 bpm, ISIP=1420#, SIP=979#. Total load 314 bbls.
4/9/01 RIH w/136 jts. 2 3/8" duo line at 4285'. Set pkr. at 4323' w/8000# comp. test csg. & pkr to 550# for 30 minutes. lost 20#-ok. establish inj. rate into perfs 3 bpm @ 600#. RDMO.
4/15/01 Test: WIW 1561 BWPD @ 1298 psi, Grav. 60. test prior: 1162 BWPD @ 1477 psi.
4/09 Tagged @ 4482'. Tbg. press 1325.
3/26/12: Isolate casing leak between 456-519'. Set cmt retainer at 329' and sqz w/ 200sx. Resqz w/ 47 sxs. Resqz w/ 200 sxs. Drilled out retainer & cment and casing would not hold from 485-519'. Bullhead sqz 485-519' with 11.75 bbls cmt. DO cmt and same interval still leaking. Spot sodium silicate & 21 sxs cmt. DO cmt pressure casing to 520 psi and dropped to 490 psi in 30 minutes.
10/9/12: CO to 4,782', found iron sulfide/scale. Acidize w/ 6,000 gals 15% HCL.
1/22/13: RIH w/3-1/2" Ultar FJ Csg Liner & cement in place. Bottom of Liner @ 4303'.

2-1/16" IPC Tbg (3.25#, IJ10RD)
AS1X packer w/ O/O Tool (1.25" 'F' N) @ 4291' ✓

3-1/2" Liner, EOL @ 4303'

Grayburg San Andres Perfs:
4384-4718'