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

HOBBS OCD
MAY 22 2014

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 July 18, 2013

WELL API NO. 30-025-26001

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.)

RECEIVED

7. Lease Name or Unit Agreement Name
CENTRAL VACUUM UNIT

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

8. Well Number 141

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

9. OGRID Number 4323

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

10. Pool name or Wildcat
VACUUM; GRAYBURG SAN ANDRES

4. Well Location
Unit Letter: M 10 feet from SOUTH line and 1310 feet from the WEST line
Section 36 Township 17S Range 34E 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:		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 ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: repair mit failure		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 injection well is currently down for a MIT failure. It is recommended that this well be rigged up on to restore the mechanical integrity of the wellbore and return it to injection.

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.

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 05/19/2014

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

For State Use Only

APPROVED BY: Bill Hamaman TITLE Staff Manager DATE 5/23/2014

Conditions of Approval (if any):

MAY 27 2014

Central Vacuum Unit 141
API No. 30-025-26001
Lea County, NM

Engineering Comments

This CO2 injection well is currently down for a MIT failure. It is recommended that this well be rigged up on the restore the mechanical integrity of the wellbore and return it to injection.

This well was rigged up on in Jan 2012, the Well Head was found to be leaking and was replaced at that time. The casing was tested and held. This wellbore has two intermediate strings, and a hole in the casing is not anticipated to be found while on the well. Typically casing problems occur if the surface casing is set shallow (~350') and there is no intermediate casing string.

The incremental production used is the current decline of 8.754% from 146 BOPD minus the same IP with double the current decline rate to account for the increased decline if injection is not restored. The case runs for 5 years. The WBS includes fund to replace the packer and tubing if necessary and a make a clean out run while on the well.

Ryan Warmke
3/26/14

Well: Central Vacuum Unit # 141
Field: Vacuum Grayburg San Andres
API No.: 30-025-26001
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. Prior to RU pulling unit, check tubing pressure. Rig up flowback crew and bleed down well to workable pressure, if needed.
2. Rig up pulling unit and associated surface equipment.
3. Check wellhead pressure, and pump +/- 300 bbls of 10# BW. Calculate kill mud weight. Pressure casing to 500 psi to test for possible casing leaks. Notify remedial engineer with results.
4. Rig up wireline truck. Set up exclusion zone around WL 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 (1.5" F PN). Pressure test tubing to 1,500 psi after plug is set. Bleed off pressure and leave plug set. RD WL unit.

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

5. ND wellhead.
6. NU 5,000 psi BOP with 2-3/8" pipe rams over blind rams.
7. Release from On/Off tool. TOH with 1 joint of tubing, install 4-1/2" test packer, TIH & set packer at ~25'. Test BOP to 250/500 psi. TOH & lay down test packer.
8. Circulate kill mud. TOH scanning tubing. Stand back yellow band tubing and lay down all others.
9. MIUL and strap 2-3/8" 4.7# L-80 8RD EUE tubing as workstring.
10. PU slotted SN and on/off tool. TIH on 2-3/8" workstring and latch onto packer.
11. RU WL unit and and set up exclusion zone. RIH and retrieve blanking plug in profile nipple.
12. Release packer and TOH. Lay down packer.
13. TIH with a 3-7/8" MTB on 2-3/8" work string, continue in the hole to the top of fish @ 4,650'. Circulate hole clean.
14. TOH and lay down bit. Secure well.
15. If casing didn't test in step #2, PU 4-1/2" RBP and 4-1/2" packer. TIH and set RBP at ~4250'. 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 (rates, pressures, fluid, communication at surface, etc.). Secure well and await supplemental procedure to remediate casing leak.
16. If casing tested okay in step #2, MIUL and strap 2-3/8" fiberlined injection tubing.
17. TIH with 2-3/8" Fiberlined injection tubing (hydrotesting to 5000 psi) with on-off tool, 1.43" ID 'F' profile nipple and 4-1/2" Arrow Set IX (external nickel plated, internal plastic coated) injection packer with pump out plug on bottom.
18. Set packer at 4,255' (Upper most setting depth is 3,873').
19. Load tubing & equalize pressure @ on/off tool. Unlatch from on/off tool, circulate packer fluid to surface, and latch onto on/off tool.
20. 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.
21. Notify OCD w/ 24 hrs of intent to run official MIT.
22. If pre-MIT test is good, bleed off backside pressure & ND BOP.
23. NU wellhead, blow pump off plug and pump down to PBTD.

24. RDMO pulling unit and associated surface equipment.
25. Perform and chart final MIT to 550 psi for 30 min. Submit C103 report with original MIT chart attached.
26. Write work order to re-connect the injection line.
27. Hand over to production for return to injection.

RRW 2/13/2014
EMA 3/5/2014
EMA 3/6/2014

Contacts:

Remedial Engineer – Evan Asire	(432-687-7784 / Cell: 432-301-2067)
Production Engineer – Ryan Warmke	(432-687-7452 / Cell: 281-460-9143)
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)

CURRENT WELLBORE DIAGRAM

CVU 141

Created:	4/12/2004	By: SMG					
Updated:	6/27/2005	By: Glen Anderson					
Updated:	1/13/2009	By: PTBP					
Updated:		By: Cayce					
Lease:	Central Vacuum Unit	**Well No.:**	141	**Field:**	Vacuum Grayburg San Andres		
Surface Location:	10' FSL & 1310' FWL	**Unit Ltr:**	M	**Sec:**	36	**TSHP/Range:**	17S-34E
Bottomhole Location:	Same	**Unit Ltr:**		**Sec:**		**TSHP/Range:**	
County:	Lea **St:** NM	**St Lease:**	B-155-1	**API:**	30-025-26001	**Cost Centers:**	
Current Status:	Active Water Injection Well	**Elevation:**	3991' GR			TEPI:	BCT493000
Directions to Wellsite:	Buckeye, New Mexico					MVP:	BCT494500

Surface Csg.

Size:	13 3/8"
Wt.:	54.5#, K-55
Set @:	361'
Sxs cmt:	400
Circ:	Yes
TOC:	Surface
Hole Size:	17 1/2"

Intermediate Csg.

Size:	9 5/8"
Wt.:	32.3#, H-40
Set @:	1416'
Sxs Cmt:	800
Circ:	Yes
TOC:	Surface
Hole Size:	12 1/4"

Intermediate Csg.

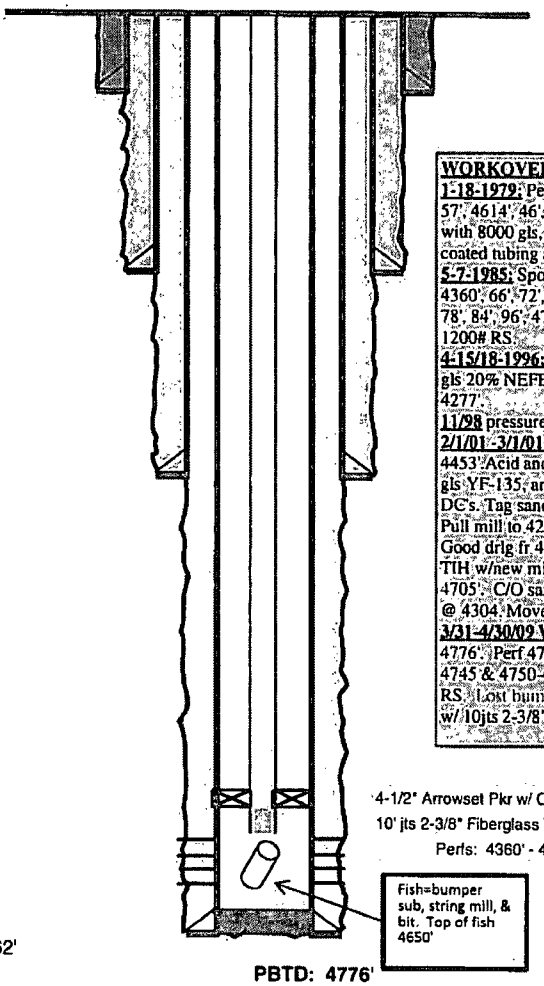
Size:	7"
Wt.:	23#, K-55
Set @:	2765'
Sxs Cmt:	650
Circ:	Yes
TOC:	Surface
Hole Size:	8 3/4"

Production Csg.

Size:	4 1/2"
Wt.:	10.5#, J-55
Set @:	4800'
Sxs Cmt:	750
Circ:	No
TOC:	2200' - Temp Svy.
Hole Size:	6 1/8"

Tubing detail: 135 jts 2-3/8" Fiberlined tbg 4262'

Perf details
4360', 66', 72',
4448', 52',
4526', 34', 40', 46', 57',
4616', 46', 50', 65', 70', 78', 84', 96',
4700', 08', 14', 20', 24', 39-45, 50-58'.



PBTD: 4776'
TD: 4800'

KB: 12'
DF: 4003'
GL: 3991'
Spud Date: 11/30/1978
Completion Date: 1/18/1979

WORKOVER HISTORY

1-18-1979: Perf with 2 jspf: 4360', 66', 72', 4448', 52', 4526', 34', 40', 46', 57', 4614', 46', 50', 65', 70', 78', 84', 96', 4700', 08', 14', 20', 4724'. Acid with 8000 gls, 1400# RS, and 500# benzoic acid flakes. Ran 2 3/8" plastic coated tubing and packer set at 4287'.

5-7-1985: Spot 1/2 DR leach mixed in 10 bbls. Add perfs with 2 jspf: 4360', 66', 72', 4448', 52', 4526', 34', 40', 46', 57', 4616', 46', 50', 65', 70', 78', 84', 96', 4700', 08', 14', 20', 24'. Acid with 9000 gls 15% NEFE and 1200# RS.

4-15/18-1996: Tagged fill at 4552'. Cleaned out to 4776'. Acid with 5000 gls 20% NEFE HCL. Ran 139 joints 2 3/8" duolined tubing. Set packer at 4277'.

11/98 pressure increase to 2000 psig water, 1850 CO2

2/1/01 -3/1/01 Clean out to 4776'. Pump 1100# 20/40 sand to block up to 4453'. Acid and frac perfs fr 4360-4453 with 2000 gls NEFE HCL, 33,000 gls YF-135, and 58,000# 20/40 Brady sand. TIH w/cone buster mill, DC's. Tag sand @ 4298. Break circ. C/O to 4430. Lost circ. C/O to 4498. Pull mill to 4275. TAG bad casing @ 4440'. Drill on bad csg 4440-4520'. Good drlg fr 4520-4675'. Drill on bad csg 4675-4699'. Pull mill to 4275'. TIH w/new mill & tag @ 4698'. Break circ w/130 bbls. Drill bad csg to 4705'. C/O sand to TD @ 4776'. Stop mill @ 3990'. Attempt to set pkr @ 4304. Move pkr to 4272'. Attempt to test. No success.

3/31-4/30/09 Workover. Add perfs. Drilled out bad csg. from 4420-4776'. Perf 4739-4745, 4750-4758'. Pump 1500 gals of 15% from 4739-4745 & 4750-4758. Pmp 5000 gals 15% HCL acid in 3 stages w/5000# RS. Lost bumper sub, string mill, and bit in hole. Top of fish 4650'. TIH w/ 10jts 2-3/8" fiberglass tbg. EOT @ 4560.63'.