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

HOBBS OCD
JUL 02 2014
RECEIVED

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-38788

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.)

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

7. Lease Name or Unit Agreement Name
VACUUM GRAYBURG SAN ANDRES UNIT

8. Well Number 441

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: D 170 feet from NORTH line and 710 feet from the WEST line
Section 1 Township 18S 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: MIT FAILURE 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.

CHEVRON INTENDS TO REPAIR MIT FAILURE AND RESTORE THE MECHANICAL INTEGRITY OF THE WELLBORE AND RETURN IT TO INJECTION. THE SUBJECT WELL IS DOWN FOR WHAT IS EXPECTED TO BE A TUBING/PACKER LEAK.

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 URLE 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 06/27/2014

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 7/2/2014

Conditions of Approval (if any):

JUL 02 2014

Well: Vacuum Grayburg San Andres Unit #441
Field: Vacuum Grayburg San Andres
API #: 30-025-38788
Lea County, New Mexico

Workover Procedure

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 and distance to power lines is in accordance with MCBU 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.

Current Conditions:

- 11-3/4" x 5-1/2" annulus builds up to 900 psi, but will blow down

Procedure:

1. Prior to RU pulling unit, check tubing pressure. 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, and pump +/- 300 bbls of 10# BW. Calculate kill mud weight.
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 and to determine the size of the profile nipple. After establishing correct size, RIH and set blanking plug in profile nipple. Pressure test tubing to 1,500 psi after plug is set. Bleed off pressure and leave plug set. RD WL unit.

Well: Vacuum Grayburg San Andres Unit #441
Field: Vacuum Grayburg San Andres
API #: 30-025-38788
Lea County, New Mexico

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 5-1/2" 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. Release packer and TOH. Lay down packer.
12. TIH with a 4-3/4" MTB on 2-3/8" work string, make bit run to bottom and clean out fill. Circulate hole clean.
13. TOH and lay down bit. Secure well.
14. If casing didn't test in step #1, PU 5-1/2" RBP and 5-1/2" packer. TIH and set RBP at ~4240'. 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.
15. If casing tested okay in step #1, MIUL and strap 2-3/8" fiberlined injection tubing.
16. TIH with 2-3/8" Fiberlined injection tubing with on-off tool, 1.43" ID 'F' profile nipple and 5-1/2" Arrow Set IX (external nickel plated, internal plastic coated) injection packer with pump out plug on bottom.
17. Set packer at 4,235' (Upper most setting depth is 4,189'). Top of unitized interval is 4,289'.
18. Load tubing & equalize pressure @ on/off tool. Unlatch from on/off tool, circulate packer fluid to surface, and latch onto on/off tool.
19. Run preliminary MIT – apply 550 psi to the casing for 32 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.
20. Notify OCD w/ 24 hrs of intent to run official MIT.
21. If pre-MIT test is good, bleed off backside pressure & ND BOP.
22. NU wellhead, blow pump off plug and pump down to PBTD.
23. RDMO pulling unit and associated surface equipment.
24. Perform and chart final MIT to 550 psi for 32 min. Submit C103 report with original MIT chart attached.
25. Write work order to re-connect the injection line.
26. Hand over to production for return to injection.

EMA 6/5/2014

VGSAU 441 Wellbore Diagram

Created:	04/24/09	By:	B. Scott	Well #:	441	St. Lse:	-
Updated:	06/03/09	By:	N Cayce	API	30-025-38788		
Lease:	Vacuum Grayburg San Andres Unit			Unit Ltr.:	A	Section:	1
Field:	Vacuum Grayburg San Andres			TSHP/Rng:	18S & 34E		
Surf. Loc.:	170' FNL 710' FWL			Unit Ltr.:		Section:	
Bot. Loc.:	10' FNL 650' FWL			TSHP/Rng:			
County:	Lea	St.:	NM	Directions:	Buckeye, NM		
Status:	CO2 Injector			CHEVNO:	LD9384		
				OGRID:	4323		

Surface Casing

Size:	11 3/4"
Wt., Grd.:	42#, H-40
Depth:	1500'
Sxs Cmt:	1,050
Circulate:	Yes, 2 Sx
TOC:	Surface
Hole Size:	14 3/4"

WTF ECP on 5-1/2" @ 1307' (top)
Ryte-Wrap csg 1325-1858' (12 jts)

Well has Shallow Kick Off Slant
Well Deviation: 4947' MD = 4940' TVD

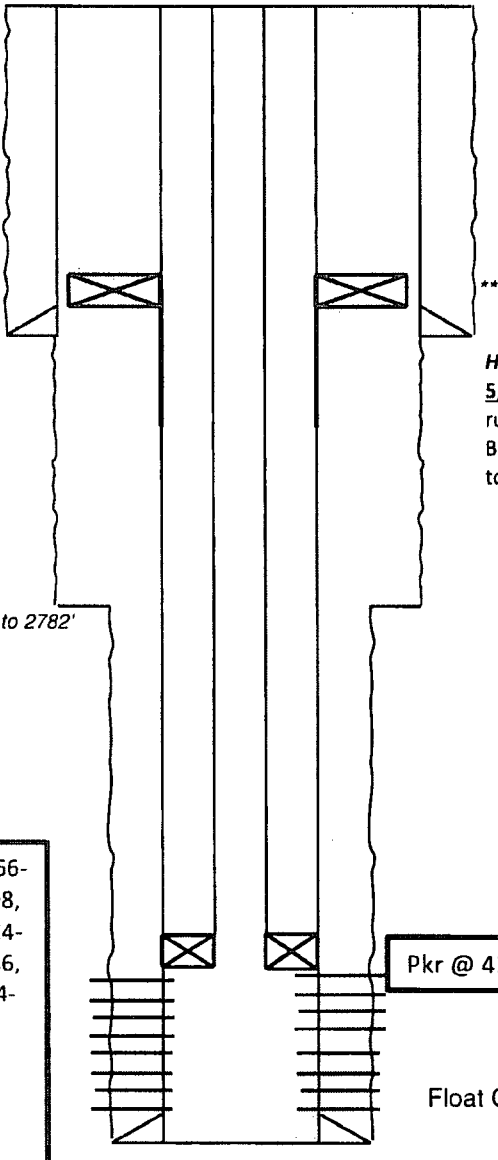
Production Casing

Size:	5 1/2"
Wt., Grd.:	17#, J-55
Depth:	5007'
Sxs Cmt:	2,100
Circulate:	435 sx
TOC:	Surface
Hole Size:	* 7 7/8" *

**Hole size 11" to 2782'*

Tubing detail:
2-3/8" EUE 4.7# J-55 Fiberline
131 jts. @ 4219'

Perf detail: 4289-4293, 4310-4318, 4366-4368, 4372-4374, 4378-4388, 4390-4398, 4402-4410, 4414-4416, 4420-4422, 4424-4426, 4428-4433, 4450-4455, 4476-4486, 4525-4528, 4530-4534, 4539-4542,4544-4550,4553-4556,4558-4572,4592-4594,4648-4653,4655-4657,4659-4662,4665-4674,4676-4687,4690-4698,4701-4708,4723-4727,4730-4732,4742-4745,4748-4750,4766-4770,4774-4776,4779-4782,4789-4804,4810-4818,4826-4831,4833-4836,4838-4852'



PBTD: 4918'
TD: 5007'

KB: 4024'
DF:
GL: 4002'
Ini. Spud: 04/04/09
Ini. Comp.: 04/21/09

**** ECP did not close while setting*

History:
5/5/09-5/11/09 Perf 4289-4852' in 11 runs. Acid 24,950 gals 15% HCL. Balled out. Set 5-1/2" pkr w/on-off tool on 2-3/8" Fiberline tbg @ 4240'.