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

HOBBS OCD
NOV 01 2012
RECEIVED

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-32805

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.)

7. Lease Name or Unit Agreement Name
CENTRAL VACUUM UNIT

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

8. Well Number 200

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 S/A

4. Well Location
Unit Letter C: 1236 feet from the NORTH line and 1875 feet from the WEST line
Section 6 Township 18-S Range 35-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:		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 INTENT TO ADD PERFS, & ACIDIZE		OTHER:	

Per Underground Injection Control Program Manual
11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

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 U.S.A. INC. INTENDS TO TEST TUBING, RELEASE PACKER, ADD NEW PERFS, ACIDIZE & TIH W/INJECTION EQUIPMENT.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & C-144 INFORMATION.

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 10-31-2012

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

For State Use Only

APPROVED BY: TITLE Dist. Mgr DATE 11-6-2012

Conditions of Approval: The Operator shall give the OCD District office 24 hours notice before work begins

CONDITION OF APPROVAL: Notify OCD Hobbs Office 24 hours prior to running MIT Test & Chart.

NOV 06 2012

St Dng
C-6 18S 35E
1236 N 1875 W

Well: Central Vacuum Unit # 200
Field: Vacuum Grayburg San Andres
API No.: 30-025-32805
Lea County, New Mexico

Description of work: Test Tubing, release packer, POOH with tubing and packer. Add new perfs with StimGun, acidize & RIH with injection equipment.

Pre-Work:

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

1. Utilize the rig move check list.
2. Check anchors and verify that pull test has been completed in the last 24 months.
3. Ensure location of & distance to power lines is in accordance with MCA SWP. Complete and electrical variance and electrical variance RUMS if necessary.
4. Ensure that location is of adequate build and construction.
5. Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
6. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole
7. 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).
8. 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. Rig up pulling unit. Check wellhead pressure, and pump tubing volume of 10# BW. Calculate kill mud weight.
2. Rig up wireline truck. Test lubricator to 1,000 psi on catwalk. RIH with gauge ring. Set 1.5" "F" blanking plug in profile nipple. Pressure test tubing to 1,500 psi after plug is set. Bleed off pressure.
3. ND wellhead. NU 5,000 psi BOP with 2-7/8" pipe rams over blinds with hydrill on top.

Well: Central Vacuum Unit # 200
Field: Vacuum Grayburg San Andres
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4. Release from on/off tool. Circulate kill mud. POOH with 1 joint of tubing, install 5-1/2" test packer, RIH & set packer at ~25'. Test BOP to 250 psi low / 500 psi high. POH & lay down test packer.
5. Latch back up and pressure casing to 500 psi to test for a casing leak.
6. POH with 2-7/8" fiberlined injection tubing. Scan tubing coming out of the hole, laying down bad joints. Provide remedial engineer tubing scan results so a decision can be made on the amount of new 2-7/8" Fiberline tubing will need to be purchased.
7. PU & RIH with on-off shuck, 4' perf sub on 2-7/8" work string. Latch up to on-off tool. RU WL and pull plug.
8. Release Arrowset packer and TOH. Lay down packer.
9. Rig up wireline truck. Test lubricator on cat walk to 500 psi. NU Lubricator. Run in hole w/ 4 3/4" gauge ring to 4,630'. Get on depth with Wedge Wireline GR/CCL dated 04/01/95 (tie in strip attached). RIH with Baker Hughes Stimgun (propellant stimulation). Perforate the 5-1/2" casing as per Baker Hughes specs. Perforations are at 4,338' – 4,465', 4,490' – 4,600'.
10. POOH with Stimgun. Rig down wireline truck.
11. PU 5-1/2" treating packer & RBP (tubing retrieve) on 2-7/8" L80 workstring. Test tubing to 5,000 psi below slips while RIH.
12. Set RBP at 4,610'. Set packer at 4,234'. Prepare to acid stimulate.
13. Acidize San Andres perfs from 4,338 – 4,600' with 16,000 gal 15% HCL. Pump acid in 4 equal stages and block with 8,000lbs rock salt/stage as a diverting agent. Adjust salt volumes as necessary based on pressure response. Pump acid at 6-8 BPM. Max Pressure = 4,800 psi. Load and pressure backside to 500 psi. Displace acid with FW to bottom perf at 4,686'. Monitor casing pressure for communication around packer.
14. Shut-in for 2 hours to allow acid to spend.
15. Flow or swab load back.
16. Release packer. Kill well as necessary. RIH to release RBP. POH and laydown packer, RBP, and work string.
17. Hydro-test and RIH with 2-7/8" Fiberlined injection tubing with on-off tool and 1.5" 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.
18. Set packer at 4,165' (Upper most setting depth is 4,156').
19. Unlatch tubing from packer and circulate packer fluid.
20. Latch tubing back on to packer.
21. Pressure backside to 500 psi and hold for 30 minutes (pre-MIT).
22. Bleed off pressure. ND BOP. NU wellhead. Pressure tubing to pump out plug.

Well: Central Vacuum Unit # 200
Field: Vacuum Grayburg San Andres
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23. Install chart recorder. Pressure backside to 500 psi for 33 minutes to satisfy requirements for an official MIT. Send chart to Denise Pinkerton (Chevron Regulatory) in Midland Office.
24. Rig down pulling unit.
25. Write work order to re-connect the injection line.
26. File C-103 subsequent report with MIT chart attached (Denise Pinkerton - Chevron Regulatory).
27. Place well on injection.

RRW 9/21/2012

Contacts:

Remedial Engineer – Larry Birkelbach	(432-687-7650 / Cell: 432-208-4772)
Production Engineer – Ryan Warmke	(432-687-7452 / Cell: 281-460-9143)
Baker Hughes Rep – Doug Lunsford	(432-570-1050 / Cell: 432-559-0396)
ALCR – Danny Acosta	(Cell: 575-631-9033)
D&C Ops Manager – Boyd Schaneman	(432-687-7402 / Cell: 432-238-3667)
D&C Supt. – Heath Lynch	(432-687-7857 / Cell: 281-685-6188)
OS – Nick Moschetti	(Cell: 432-631-0646)

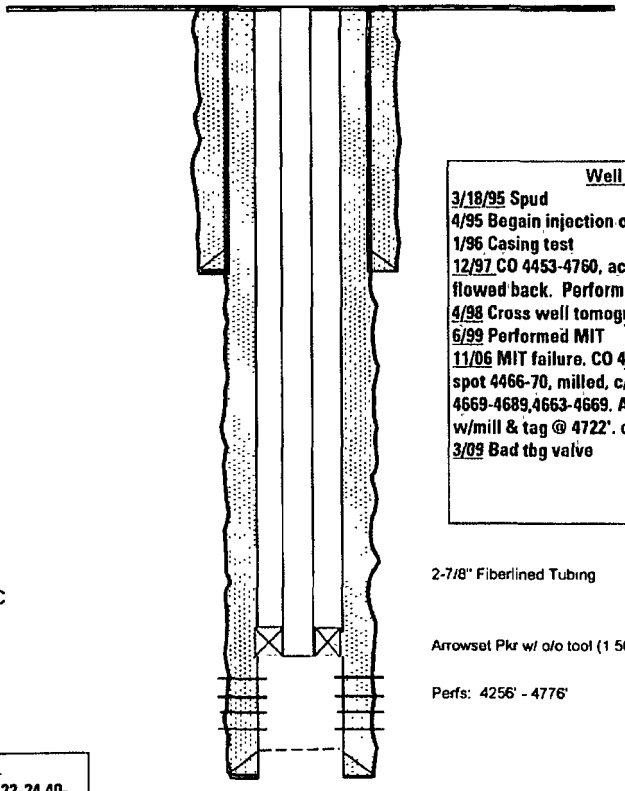
CURRENT
WELLBORE DIAGRAM

CVU 200

Created:	4/9/2009	**By:** Cayce					
Updated:	5/24/2011	**By:** PTBP					
Updated:		**By:**					
Lease:	Central Vacuum Unit		**Well No.:**	200	**Field:**	Vacuum Grayburg San Andres	
Surface Location:	1236' FNL & 1875' FWL		**Unit Ltr:**	C	**Sec:** 6	**TSHP/Range:**	18S 35E
Bottomhole Location:			**Unit Ltr:**		**Sec:**	**TSHP/Range:**	
County:	Lea	**St:** NM	**St Lease:**		**API:** 30-025-32805	**Cost Center:**	
Current Status:	Active Water Injection		**Elevation:**	3975' GR	**CHVNO:**	TEPI:	
Directions to Wellsite:						MVP:	

Surface Csg.

Size:	8-5/8"
Wt.:	24# WC-50 STC
Set @:	1524'
Sxs cmt:	525
Circ:	Yes
TOC.	surface
Hole Size:	11'



KB: 3989'
DF: 3988'
GL: 3975'
Original Spud Date: 3/18/1995
Original Compl. Date: 4/7/1995

Well History

3/18/95 Spud
4/95 Began injection of water
1/96 Casing test
12/97 CO 4453-4760, acidize perfs 4253-4661 w/10M gals +6000# RS, flowed back. Performed MIT.
4/98 Cross well tomography
6/99 Performed MIT
11/06 MIT failure. CO 4209-4714', bad csg in perfs, mill 4455-4605, tight spot 4466-70, milled, c/o 9 to 4794'. Perf 4756-4776, 4738-4756, 4689-4709, 4669-4689,4663-4669. Acidize 4253-4776 w/5000 gals 15% acid. TIH w/mill & tag @ 4722'. c/o 4722-4794.
3/09 Bad tbg valve

Production Csg.

Size:	5-1/2"
Wt :	15.5# WC-50 LTC
Set @:	4850'
Sxs Cmt:	812
Circ:	yes
TOC:	surface
Hole Size:	7 7/8"

2-7/8" Fiberlined Tubing

Arrowset Pkr w/ o/o tool (1.50" 'F' PN) @ 4,171'

Perfs: 4256' - 4776'

Perforation detail:
4256-59, 62-65,70-73,77-78,4308-15,15-18,19-20,22-24,40-44,48-53,56-62,70-80,83-85,87-92,94-95,4398-4401,03-05,07-18,26-31,41-51,54-69,88-89,91-99,4506-18,21-27,29-36,38-43,48-54,57-58,66-68,71-80,84-88,90-93,96-98,4600-4602', 4608-4610', 4623-4625', 4636-4637', 4663-4669.4669-4689, 4689-4709, 4738-4756, 4756-4776

PBTD: 4786'
TD: 4850'