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
AUG 30 2012
RECEIVED

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-24333

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 INJECTION

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

8. Well Number 5

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 N : 210 feet from the SOUTH line and 1420 feet from the WEST line
Section 1 Township 18-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:		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 ☐			
REPAIR MIT FAILURE			

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.

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 U.S.A. INC. INTENDS TO REPAIR THE MIT FAILURE IN THE SUBJECT WELL.

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

The Oil Conservation Division MUST BE NOTIFIED 24 Hours Prior to the beginning of operations

Spud Date:

Rig Release Date:

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

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 08-29-2012

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 9-5-2012

Conditions of Approval (if any):

SEP 05 2012

Well: Vacuum Grayburg San Andres Unit # 05
Field: Vacuum Grayburg San Andres
API No.: 30-025-24333
Lea County, New Mexico

Description of work: Release packer, POOH with tubing and packer. RIH with new tubing and packer, set packer and test.

- Caliper all handling tools daily or when sizes change and note in JSA & TGSM.
- Check location, anchors (if they haven't been tested in the last 24 months, retest) and any overhead electrical lines (possible variance needed)

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. Run gauge ring to determine profile nipple size. Set 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 2-3/8" pipe rams over blinds with hydrill on top.
4. Release from on/off tool. POOH with 1 joint of tubing, install 4-1/2" test packer, RIH & set packer at ~25'. Test BOP to 250 psi low / 500 psi high. POH & lay down test packer.
5. Circulate kill mud. Latch back up and pressure casing to 500 psi to test for a casing leak. RU WL and pull plug.
6. Release packer (Guiberson G-6 Packer) and TOH. Lay down all injection tubing. Procure enough new 2-3/8" J-55 IPC injection tubing to replace tubing. Lay down packer. (If packer elements are swollen to the point fluid will not readily pass: RU WL and perf tubing above the packer.)
7. If casing did not test in Step 4, PU packer and RBP on 2-3/8" work string and isolate leak. Once leak is found establish PI rate and pressure and report same to RE for supplemental procedure.
8. TIH with new NP IPC 4-1/2" AS-1X injection packer with on-off tool and 1.43" ID 'F' profile nipple on new 2-3/8" IPC injection tubing with pump out plug on bottom. Set packer @ 4,292' (Top setting depth is 4,287' – if need to set high will need to verify with OCD).
9. Unlatch from the on-off tool and circulate packer fluid to load the backside. Attach back on to on-off tool.
10. Pressure backside to 500 psi and hold for 33 minutes (pre-MIT).
11. Bleed off pressure. ND BOP. NU wellhead. Pressure tubing to blow pump-out plug.
12. Install chart recorder. Pressure backside to 500 psi for 33 minutes to satisfy requirements for an official MIT.
13. Rig down pulling unit.
14. Write work order to re-connect the injection line.
15. Send MIT chart to Denise Pinkerton.

16. Place well on injection.

RRW 8/13/2012

Contacts:

Remedial Engineer – Larry Birkelbach	(432-687-7650 / Cell: 432-208-4772)
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. – Heath Lynch	(432-687-7857 / Cell: 281-685-6188)
OS – Nick Moschetti	(Cell: 432-631-0646)

VGSAU #5 Wellbore Diagram

Created:	01/05/06	By:	C. A. Irle	Well #:	5	St. Lse:	857948
Updated:	08/09/07	By:	HLH	API	30-025-24333		
Updated:		By:	N Cayce				
Lease:	Vacuum Grayburg San Andres Unit			Unit Ltr.:	N	Section:	1
Field:	Vacuum Grayburg San Andres Unit			TSHP/Rng:	S-18 E-34		
Surf. Loc.:	210' FSL & 1,420' FWL			Unit Ltr.:		Section:	
Bot. Loc.:				TSHP/Rng:			
County:	Lea	St.:	NM	Directions:	Buckeye, NM		
Status:	Active Injection Well						

Surface Casing

Size:	8 5/8"
Wt., Grd.:	20#, MV-46
Depth:	357'
Sxs Cmt:	300
Circulate:	Yes
TOC:	Surface
Hole Size:	12 1/8"

Production Casing

Size:	4 1/2"
Wt., Grd.:	9.5#, J-55
Depth:	4,800'
Sxs Cmt:	650
Circulate:	No
TOC:	2,620'
Hole Size:	7 7/8"

Perforations

Producing: 4,387'-4,742' (2 spf)

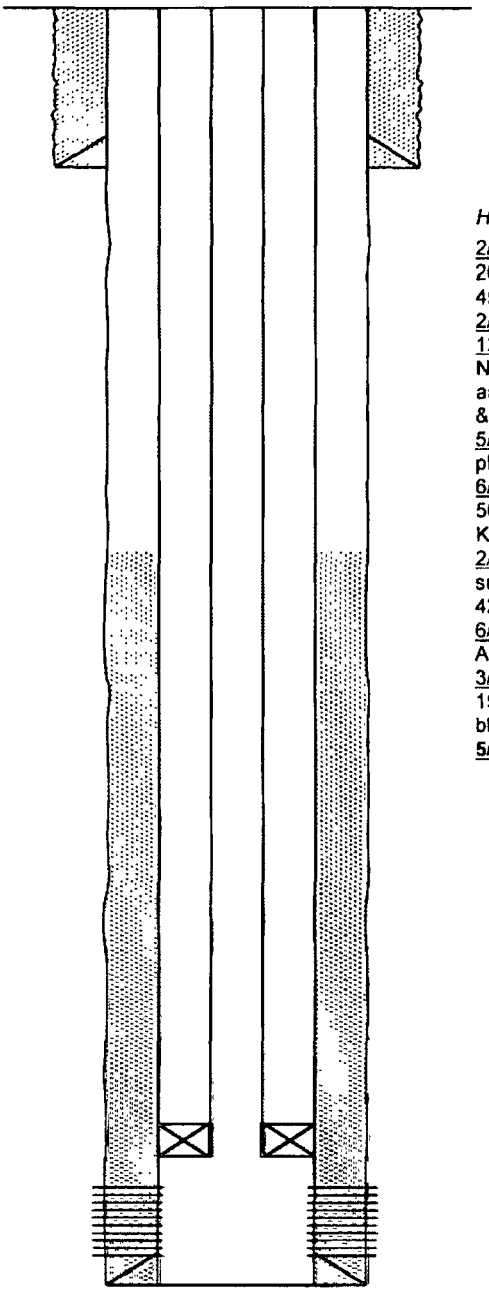
Injection Equipment

2 3/8" Duolined Tbg ID=1.75"

4 1/2" Guiberson G-6 Packer 4,297'

On/Off Tool

1.5" Profile Nipple ???



PBTD: 4,788'

TD: 4,800'

KB:

DF:

GL: 3,994'

Ini. Spud: 02/03/73

Ini. Comp.: 02/17/73

History

2/20/73 Initial Completion: Acid w/6000 gls 20% NEA, perf 2 JSPI 4387-94, 4403- 83, 4504-95, 4614-90, 4700-42.

2/21/73 Convert to Injector

12/8/76 Acid: 4387'-4742' w/3000 gls 15% NE in 3 stgs, flushed w/25 bbls salt water and treated with 110 gls N-777-W surfactant & 100 bbls fresh water

5/5/83 CO: 4742', 500 gls 15% NEFE & run plastic coated inj. tubing.

6/20/87 CO 4623-4742, 250 gls 15% NE, 500 gls Xylene, 2000 gls 6% KCl, 8000 gls K-TROL-X & 4000 gls K-TROL-IV.

2/2/99: Perf @ 407' and circ cement to surface, drill out cement, Guiberson G-6 Pkr 4297.

6/20/04 Coil Tubing Job: CO to PBTD, Acid??? (no record of this anywhere)

3/21/06 CTCO: Acid bridge 4471-74 15 bbl 15% HCl, CO 4788 (PBTD), acid perfs 21 bbl 15% HCl.

5/09 Tag @ 4471. Tbg press 820.