Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W. Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
June 19, 2008

WELL API NO. 30-025-24364

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 46

2. Name of Operator
CHEVRON

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 H: 1405 feet from the NORTH line and 1230 feet from the EAST line
Section 2 Township 18-S Range 34-E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3983'

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 REPAIR - MIT		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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO PULL THE INJECTION STRING, RUN A CASING INSPECTION LOG AND RE-RUN THE PACKER. THE CSG INSPECTION LOG WILL BE UTILIZED TO SELECT THE PACKER SETTING DEPTHS.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE AND WELLBORE DIAGRAM.

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 05-18-2010

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

For State Use Only

APPROVED BY: TITLE STAFF MGR DATE 5-20-10

Conditions of Approval (if any):

VGSAU 46

API No. 30-025-24364

Vacuum (Grayburg-San Andres) Field

Lea County, NM

Engineering Comments

The subject well has had four MIT Failures over the past year. The failures have been detected by the presence of injection pressure on the backside. On previous MIT repairs the following has been done: new fiberlined tubing was run in January 2009, the on-off tool, a potential leak source, was removed in July 2009.

This workover will involve pulling the injection string, running a casing inspection log and then re-running the packer. The casing inspection log will be utilized to select the packer setting depths. The packer can be set as high as 3978' (341 ft above the top perf) and still be in compliance with the OCD Injection Orders.

No economics have been run for this workover since the work is required for regulatory compliance. A WBS is being built primarily for cost tracking purposes. The subject well supports ~30 BOPD in offset production.

Workover Procedure

1. Rig up pulling unit. Kill well if necessary. NU BOP.
2. Release 5-1/2" packer set at 4250' and TOH w/ 2-3/8" fiberlined injection tubing.
3. Rig up Baker wireline and pull a GR-Microvertilog from PBTD to surface.
4. TIH w/ 5-1/2" packer w/ 1.43" profile nipple on bottom on 2-3/8" fiberlined injection tubing.
5. Consult with the technical team for the packer setting depth.
6. Circulate packer fluid and set packer.
7. Perform MIT test.
8. If MIT test is successful, rig up pump truck on the tubing and inject at 2000 psi. Monitor annulus pressure.
9. If well does not develop annulus pressure, rig down pulling unit.
10. If well develops annulus pressure, bleed down the tubing and release the packer. Consult with the technical team for the packer setting depth.
11. Reset packer.
12. Repeat steps 6 and 7.
13. If well develops annulus pressure, consult with technical team for next steps.

PTB 5/11/10

Wellbore Diagram

VGSAU 46

Created:	10/16/08	By:	N Cayce	Well #:	46	St. Lse:	B-1441
Updated:	01/28/09	By:	N Cayce	API	30-025-24364		
Updated:	05/04/10	By:	PTB				
Lease:	Vacuum Grayburg San Andres Unit			Unit Ltr.:	H	Section:	2
Field:	Vacuum Grayburg San Andres Unit			TSHP/Rng:		18S 34E	
Surf. Loc.:	1405' FNL & 1230' FEL			Unit Ltr.:		Section:	
Bot. Loc.:				TSHP/Rng:			
County:	Lea	St.:	NM	Directions:	Buckeye, NM		
Status:	Active Injection Well						

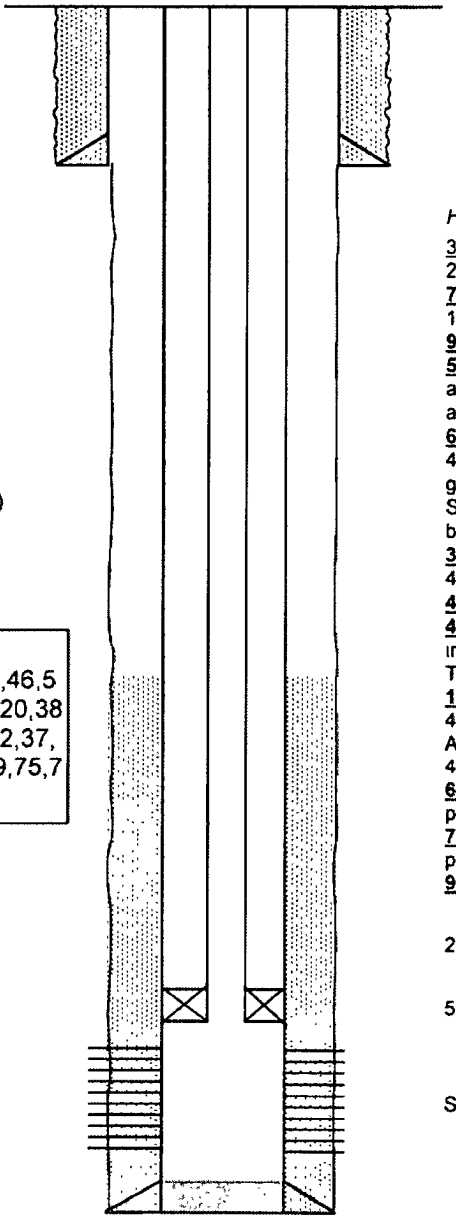
Surface Casing

Size:	8 5/8"
Wt., Grd.:	20# H-40
Depth:	356'
Sxs Cmt:	300 sx
Circulate:	Yes
TOC:	Surface
Hole Size:	12-1/4"

Production Casing

Size:	5 1/2"
Wt., Grd.:	14# K-55
Depth:	4,800'
Sxs Cmt:	500 sx
Circulate:	no
TOC:	2895' (calc @ 50% effy)
Hole Size.	7-7/8"

Perf Detail:
4319,43,55,70,80,87,4412,16,20,25,46,50,53,56,60,65,70,75,4506,10,13,17,20,38,41,45,84,90,94,97,4601,08,22,26,32,37,42,46,52,80,88,97,4730,34,49,66,69,75,79,85,



PBTD: 4788'
TD: 4800'

KB:	
DF:	4018'
GL:	4010'
Ini. Spud:	02/15/73
Ini. Comp.:	03/07/73

History

3/73 perf 4319-4697' AC 8M gals, P99o 7w 262g
7/74 frac 30M gals+39M# sand 139o 7w GOR 1530
9/82 converted to injector
5/89 CO to 4775'. Spot 40 gals 15% NEFE across perfs. AC 2M gals 15% NEFE gelled acid in 2 stages + 500# RS
6/90 Spot 450 gal NA Perborate across 4319-4697'. Perf 4412-4785,' AC 4519-4785 w/6M gals 15% NEFE in 3 stages w/3000# RS+BS. Set pkr @ 4265' Test, OK.
before 210/1240#, after 349/1200#
3/95 Install new inj pkr & test csg. Set pkr @ 4264'.
4/96 C/O to 4787'. AC w/ 5,100g 15% NEFE
4/97 Repaired inj. pkr & test csg. TIH w/5-1/2" inj pkr on 2-3/8" IPC inj. tbg. Set pkr @ 4263'. Tstd csg Held OK
1/09 C/O from 4270-4608', C/O from 4608-4767'. Could not clean out to original PBTD. Acidize w/6000 gals 15% in 3 stages. Set pkr @ 4260' MIT. Test OK.
6/29/09 MIT Failure. Set pkr @ 4250'. MIT. 700 psi for 45 min.
7/8/09 MIT Failure. Lay down on-off tool. Set pkr @ 4250'. MIT test 500 psi for 30 minutes
9/10/09 MIT Failure Set pkr @ 4249' MIT:

2-3/8" Fiberlined Injection Tubing (134 jts)

5 1/2" Arrowset (?) pkr @ 4250'

San Andres Perfs: 4319' - 4785'