

Submit 1 Copy To Appropriate District
Office
District I
1625 N. 1st St., Albuquerque, NM 87102
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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

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

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.)		WELL API NO. 30-025-24364
1. Type of Well: Oil Well ☐ Gas Well ☒ Other Injection ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Chevron U. S. A.		6. State Oil & Gas Lease No.
3. Address of Operator 15 Smith Road Midland, Texas 79705		7. Lease Name or Unit Agreement Name Vacuum Grayburg San Andres Unit
4. Well Location Unit Letter <u>H</u> : <u>1405</u> feet from the <u>North</u> line and <u>1230</u> feet from the <u>East</u> line Section <u>2</u> Township <u>18-S</u> Range <u>34-E</u> NMPM County <u>Lea</u>		8. Well Number <u>46</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3983'		9. OGRID Number <u>4323</u>
		10. Pool name or Wildcat Vacuum Grayburg San Andres

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Wellhead 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.

Well failed the annual bradenhead test on 11/10/10. Chevron plans to investigate the cause of the leak and restore the mechanical integrity of the well.

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.

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

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

Paul T. Brown

TITLE Petroleum Engineer

DATE 3/2/2011

Type or print name Paul T. Brown E-mail address: paulbrown@chevron.com PHONE: 432-687-7351

For State Use Only

APPROVED BY

[Signature]

TITLE

Staff Mgr

DATE

3-3-2011

Conditions of Approval (if any):

604

Wellbore Diagram

VGSAU 46

Created: 10/16/08 By: N Cayce
 Updated: 01/28/09 By: N Cayce
 Updated: 05/04/10 By: PTB
 Lease: Vacuum Grayburg San Andres Unit
 Field: Vacuum Grayburg San Andres Unit
 Surf. Loc.: 1405' FNL & 1230' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Active Injection Well

Well #: 46 St. Lse: B-1441
 API: 30-025-24364
 Unit Ltr.: H Section: 2
 TSHP/Rng: 18S 34E
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Buckeye, NM

Surface Casing

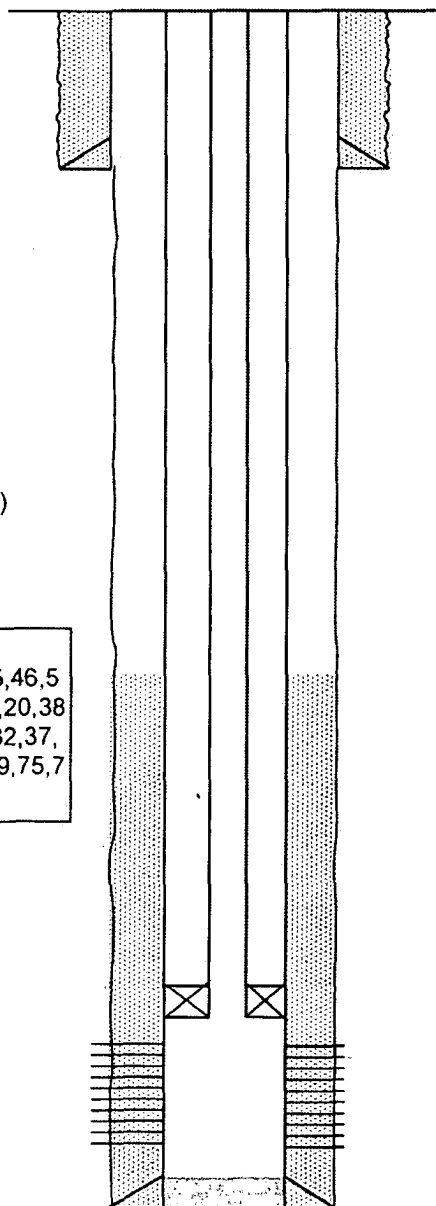
Size: 8 5/8"
 Wt., Grd.: 20# H-40
 Depth: 356'
 Sxs Cmt: 300 sx
 Circulate: Yes
 TOC: Surface
 Hole Size: 12-1/4"

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:

4319,43,55,70,80,87,4412,16,20,25,46,5
 0,53,56,60,65,70,75,4506,10,13,17,20,38
 ,41,45,84,90,94,97,4601,08,22,26,32,37,
 42,46,52,80,88,97,4730,34,49,66,69,75,7
 9,85,



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 perms. 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'

PBTD: 4788'
 TD: 4800'