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
MAY 10 2012
RECEIVED

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-35563	
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 249
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 F: 1390 feet from the NORTH line and 2530 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. ☐	
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: CLEAN OUT & STIMULATE		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 CLEAN OUT & STIMULATE 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

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 Denise Pinkerton TITLE: REGULATORY SPECIALIST DATE: 05-09-2012

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

APPROVED BY: TITLE STAFF MGR DATE 5-10-201

Conditions of Approval (if any):

Well: VGSAU No. 249
Field: Vacuum (Grayburg-San Andres) Field
API No.: 30-025-35563
Lea County, New Mexico

Description of work: CT CO from top of fill @ 4,535' to 4,800'.

*****Coiled Tubing Unit is to only be on the injector for 1 day regardless of CO depth reached. Allow enough time to complete steps 9-11, and move CT unit to next injector.*****

Pre-Job Work:

- Check location, anchors (if they haven't been tested in the last 24 months, retest) and any overhead electrical lines (possible variance needed)
- Set water supply tanks and flow back tanks prior to job
- Have fluid transportation trucks on location to bring in / haul off fluid
- Manifold rated and tested to BOP working pressure.
- Man lift on location for use as needed

Procedure:

1. MIRU coiled tubing unit w/ 1.25" coil.
2. Dress the tubing end and install the coiled tubing connector. Use testing tool to pull test / pressure test the connector. Test low (200 psi, 5 minutes) and then high (working pressure of BOP system, 10 minutes) pressure.
3. Perform a surface function test on the down hole tools (hip trippers and motors).
4. Before equalizing pressures with the wellbore, the BOP, riser, stripper head, and surface connection are to be tested. Anything below the BOP is to be low (200 psi, 5 minutes) / high (working pressure of BOP system, 10 minutes) tested. Above the BOP (lubricator and stripper head) are to be tested to the rates working pressure of the stripper head.
5. Open well and RIH with hip tripper.
6. Slow to 20'/min when within 200' of PN/packer (packer set at 4,263') and continue at reduced speed while below the end of tubing.
7. Once the tubing has been exited, 'take a bite' into the production casing (enter casing and then pull back into the upper tubing section), and continue to do this in increments during the CO.
8. Clean out fill from 4,535' to 4800'.
9. Circulate hole clean with 125% of annular volume.
10. Continue to circulate and POOH.
11. RDMO coil tubing unit.
12. Return well to injection.

Well: VGSAU No. 249
Field: Vacuum (Grayburg-San Andres) Field
API No.: 30-025-35563
Lea County, New Mexico

RRW 3/19/2012

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 #249 Wellbore Diagram

Created:	03/29/06 By: C. A. Irle	Well #:	249 St. Lse:
Updated:	10/25/2007 by PTB, 4/21/08 by NC	API	30-025-35563
Updated:	11/05/08 By: SMI		
Updated:	06/04/09 By: Cayce		
Updated:	01/09/12 By: PTBP		
Lease:	Vacuum Grayburg San Andres Unit	Unit Ltr.:	F Section: 1
Field:	Vacuum Grayburg San Andres Unit	TSHP/Rng:	S-18 E-34
Surf. Loc.:	1,390' FNL & 2,530' FEL	Unit Ltr.:	Section:
Bot. Loc.:		TSHP/Rng:	
County:	Lea St.: NM	Directions:	Buckeye, NM
Status:	Active Injection Well	CHEVNO:	HD2328

Surface Casing

Size:	8 5/8"
Wt., Grd.:	24# K-55
Depth:	1,482'
Sxs Cmt:	700 H
Circulate:	Yes
TOC:	Surface
Hole Size:	12 1/4"

Production Casing

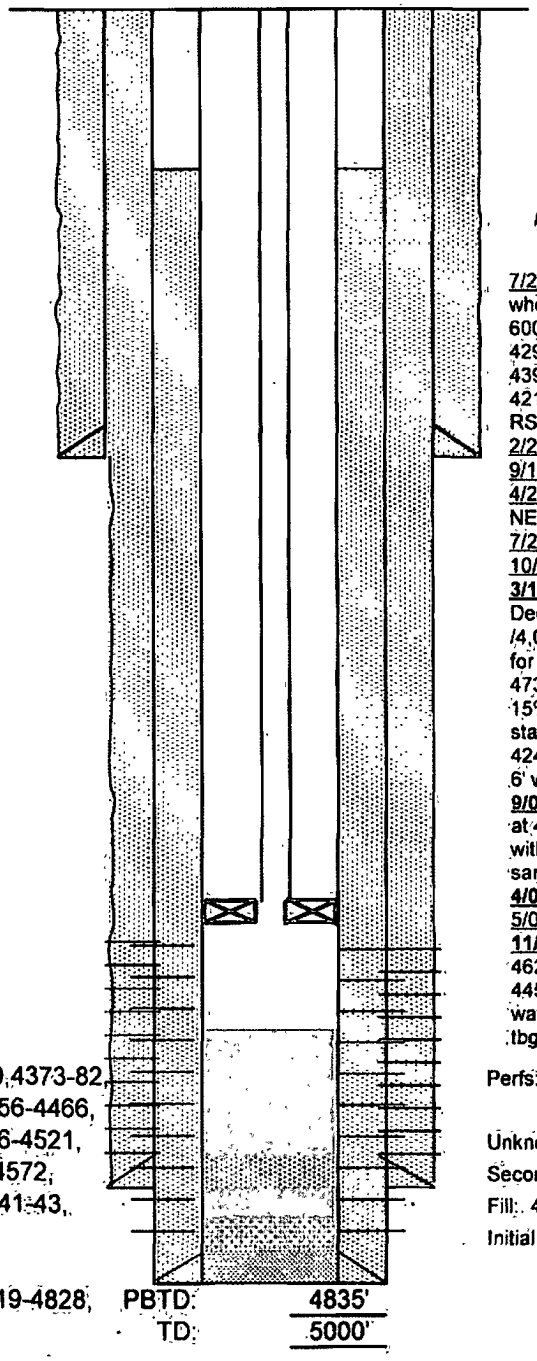
Size:	5 1/2"
Wt., Grd.:	15.5# K-55
Depth:	4,800'
Sxs Cmt:	950 H
Circulate:	Yes 124sx
TOC:	Surface
Hole Size:	7 7/8"

Production Liner:

Size:	4"
Wt., Grd.:	10.46#, J-55
Depth:	5000'
Sxs Cmt:	350
Circulate:	no
TOC:	220' calc.
Hole Size:	4 3/4"

2-3/8" Fiberline Tbg
Arrowset packer @ 4263' w 1.43" PN

Perforations
4292-4302, 4308-12, 4316-20,
4322-24, 4330-40, 4362-4366,4369,4373-82,
4394-4404, 4436-4450,4438-50,4456-4466,
4458-66, 4472-75, 4492-4511, 4516-4521,
4524-29, 4532-36, 4539-51, 4567-4572,
4586-4594,4598-4612,4620-38, 4641-43,
4687-4690,4696-4700, 4702-14
4732-4742,4769-4771,4780-4784,
4788-4794,4802-4804 miss-fire,4819-4828,
4836-4841,4844-4847,4850-4858



KB: 4,004
DF:
GL: 3,991
Ini. Spud: 07/02/01
Ini. Comp.: 07/24/01

History

7/24/01 Ini Comp: Perf 4492-4714, flowing when perf 4620-4644, pkr 4408 TP 4440, acid 6000 gls 15% 3000# RS, RBP 4480, perf 4292-4302, 08-12, 16-20, 22-24, 30-40, 76-82, 4394-4404, 4438-50, 47-50, 58-66, 72-74, pkr 4211, acid 4800 gls 15% 2500 gls gel 2000# RS, pkr 4258.
2/2002: max pressure 1550#
9/12/02 Chg Pkr: Nickel plated Duoline.
4/29/03 Stim: Pkr 4243, acid 8000 gls 15% NEFE HCl 4000# RS, pkr 4271.
7/2003: max pressure 1680#
10/2007: Slickline TD @ 4,282'
3/18/08-4/15/08 Deepen, perf, acid: Deepen to 5000'. Perf 4732'-4858'. Acidize /4,000 gals 15% HCl & 4,000# rock salt. Swab for oil sample - unsuccessful. Set RBP @ 4730'. Perf 4292'-4714'. Acidize w/4,000 gals 15% HCL in 3 stages w/2,500# rock salt in 2 stages. Pull RBP. Tag@ 4945'. Set pkr @ 4248.4
6' w/11' KB
9/08 - Inj profile showed 85% going into perfs at 4850-58' and traveling down. Plugged back with 20/40 sand & capped with 100 mesh sand, tagged top of sand plug at 4835'.
4/09 Tagged @ 4360'. Tbg. press 1725.
5/09 Tag @ 4817. Tbg press 1825.
11/09 Pull Pkr and tbg . Perf 4702-4714, 4622-4636, 4330-4340, 4373-4382, 4444-4450, 4456-4466. Frac w/ 234801 gal slick water and sand. CO to 4836'. reset pkr and tbg @ 4258.

Perfs: 4292 - 4859

Unknown Fill: 4535' - 4632'
Second Sand Plug: 4632' - 4648'
Fill: 4648' - 4835'
Initial Sand Plug: 4835' - 4945'