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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
May 27, 2004

WELL API NO.
30-025-30798

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
VACUUM GRAYBURG SAN ANDRES UNIT

1. Type of Well: Oil Well ☐ Gas Well ☒ Other Inject

8. Well Number 147

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 H: 1360 feet from the NORTH line and 660 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.)*
4004' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ Depth to Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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	☐		
OTHER INTENT TO CLEAN OUT, ADD PERFS & ACIDIZE				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 CLEAN OUT TO 4900' & ADD TRANSITION ZONE PERFS & ACIDIZE. THIS WORK IS IN PREPARATION FOR THE VGSAU PHASE CO2 EXPANSION.

THE INTENDED PROCEDURE IS ATTACHED FOR YOUR APPROVAL.

RECEIVED
APR 10 2008
HOBBS OCD

PMX - 173

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 04-08-2008

Type or print name Denise Pinkerton E-mail address: leakejd@chevron.com Telephone No. 432-687-7375

For State Use Only

APPROVED BY: Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE APR 29 2008

Conditions of Approval (if any):

VGSAU 147
API No. 30-025-30798
Vacuum (Grayburg San Andres) Field
Lea County, NM

Procedure to: C/O Perforate and Stim T-Z

Subject well was MIT tested to 570 psi on 10-5-07. Pressure testing the casing prior to commencing the workover is not necessary.

1. Kill well as necessary. MIRU PU & RU.
2. Pump 25 bbls 10# BW dn tbg, take SI pressure and calculate kill weight fluid. Kill well as nec. ND WH. NU BOP & Envirovac. Unset pkr & POOH w/ tbg & pkr. Truck off tbg.
3. TIH w/ 4 3/4" MT bit, 6 - 3 1/2" DC on 2 7/8" WS. D/O fill & cmt to new PBTD of 4900'. Circ clean with 10# BW. POOH w/ WS, DCs & bit. **NOTE: The latest maximum depth recorded with a drill bit was +/- 4782' in September 2000. Fill was tagged at 4224' in October 2007.** Getting to PBTD will require drilling out the float collar, and drilling out to the float shoe. If casing is collapsed, POOH w/bit and GIH w/ 4 3/4" cone buster mill to C/O. If the casing still continues to "fall in" use a casing roller to swedge out the casing.

4. MI Baker Atlas to perforate the following intervals w/ 3 1/8" slick guns w/ 2 DP JSPF 120 phasing. Tie into Union Wireline Services Gamma Ray Collar Log dated 9/16/1993 for depth control. A short joint is located at 4253-4276. Perf intervals are:

   4740-4750, 4754-4758, 4760-4766, 4771-4775, 4777-4781, 4784-4790, 4794-4798, 4800-4814, 4817-4824, 4830-4840, 4845-4850, 4853-4863, 4866-4872

5. TIH w/ 5 1/2" treating packer on 2 7/8" workstring and set at 4730'.
6. MIRU Halliburton to acidize the TZ perfs 4740-4872 with 6,000 gallons 15% HCL in 1 stage. SI 2 hrs. Flowback or swab to tank to recover load. Rate 5-6 BPM, Max press 5000 psi.
7. Release packer and pull up and set at 4206'.
8. RU Halliburton to acidize existing San Andres perfs and TZ perfs 4308-4872 with 8,000 gallons 15% HCL in 3 stages. Drop 5000# rock salt between stages mixed in GBW. SI 2 hrs. Flowback or swab to tank to recover load. Rate 5-6 BPM, Max press 5000 psi.
9. Kill well with 10 ppg BW. Unset pkr & POOH with WS and pkr.
10. TIH w/ bit and C/O rock salt to PBTD of 4900'. TOH w/ WS and bit.
11. TIH w/ new Fiberline injection tbg & pkr w/ On-Off tool. Set pkr @ ~ 4216' w/ 10 pt compression. Space out. Release from On-Off tool, circ hole with 10 ppg pkr fluid. Latch back onto On-Off tool & land tbg hanger. ND BOP. NU WH. Run MIT for OCD.
12. Hookup injection lines. Clean location. RDMO PU & RU.
13. Turn well over to production department.
14. Run injection profile.

BAS 4/7/08

VGSAU #147 Wellbore Diagram

Created:	11/05/03	By: SMG	Well #:	147	St. Lse: 857948
Updated:	04/01/08	By: BSPT	API	30-025-30798	
Lease:	Vacuum Grayburg San Andres Unit		Unit Ltr.:	H	Section: 2
Field:	Vacuum Grayburg San Andres Unit		TSHP/Rng:	S-18 E-34	
Surf. Loc.:	1,360' FNL & 660' FEL		Unit Ltr.:		Section:
Bot. Loc.:			TSHP/Rng:		
County:	Lea	St.: NM	Directions:	Buckeye, NM	
Status:	Active Injection Well		Chevno:	QU2458	

Surface Casing

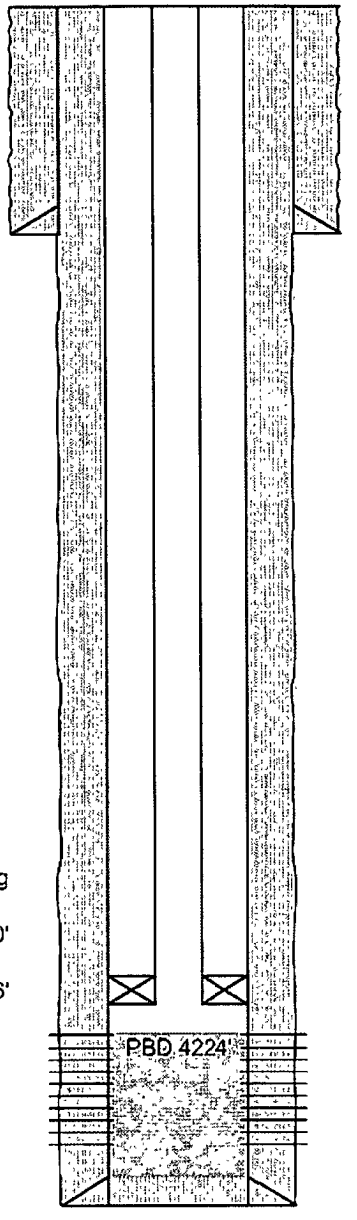
Size:	8 5/8"
Wt., Grd.:	24# WC-50
Depth:	1,530'
Sxs Cmt:	650
Circulate:	180 sx
TOC:	Surface
Hole Size:	11"

Production Casing

Size:	5 1/2"
Wt., Grd.:	15.5# WC-50
Depth:	4,900'
Sxs Cmt:	1,400
Circulate:	124 sx
TOC:	Surface
Hole Size:	7 7/8"

Perforations
4308'-4720'

Tubing
2 3/8" 132 jts. 4196'



132 jts 2 3/8" Duoline Tbg

O/O Tool @ 4210'

G-6 Nickle-plated Pkr @ 4216'

PBTD: 4,779
TD: 4,900

KB:	4,018
DF:	4,017
GL:	4,004
Ini. Spud:	08/21/93
Ini. Comp.:	09/19/93

History

9/93 Ini Comp: Perf 4308'-4720'; 2 JSPF, 388 Holes. Acidize w/ 11,550 gls 15% HCl.

9/00: Acid & Sand Frac: Test casing - ok. Tag fill @ 4244'. CO w/ bit to 4782'. Acidize w/ 5000 gls 15% acid. Tag fill at 4674'. Clean out to 4782'. Change BOP and pressure test. Frac 4308'-4720' with 47,000 gls YF-135 & 100,000# 16/30 sand. Flush with 1,680 gls. Tag at 4562'. Clean out 220' of frac sand to 4782'.

10/07: Tagged fill @ 4224'.

Chevron U.S.A. Inc. Wellbore Diagram : VGSAU 147