

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

Form C-103  
 Revised July 18, 2013

HOBBS OCD  
 FEB 23 2018  
 RECEIVED

WELL API NO. 30-025-24331	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT	
8. Well Number	019
9. OGRID Number	4323
10. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,988' (GL)	

**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 Well

2. Name of Operator  
CHEVRON U.S.A. INC.

3. Address of Operator  
6301 DEAUVILLE BLVD, MIDLAND, TX 79706

4. Well Location  
 Unit Letter N : 1310 feet from the SOUTH line and 2540 feet from the WEST line  
 Section 1 Township 18S Range 34E NMPM County LEA

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

<p><b>NOTICE OF IN</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>DOWNHOLE COMMINGLE <input type="checkbox"/></p> <p>CLOSED-LOOP SYSTEM <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p><b>INT TO PA</b></p> <p>P&amp;A NR <u>pm</u></p> <p>P&amp;A R _____</p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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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.

Final P&A summary and WBD for the VGSAU #19 attached

Approved for Plugging of wellbore only. Liability under bond is retained pending restoration and completion of the C-103, Specific for Subsequent Report of Well Plugging, which may be found on the OCD web page under forms.  
 Restoration Due By 02-22-2019

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 mi st TITLE Production Engineer DATE 2/22/18

Type or print name Michael Stewart E-mail address: michael.stewart@chevron.com PHONE: 432-687-7431

**For State Use Only**

APPROVED BY: Mark Whitman TITLE PES DATE 02/26/2018

Conditions of Approval (if any):

Intercept and P&A Operations: 12/20/17-1/31/18

- Directional drill to attempt drill into VGSAU 19 wellbore
  - Tag target well @ 4178'
  - RIH w/ concave mill and mill into target well @ 4,196-4,206'. TD at 4,208'
  - Observed 5 bbl gain, bled off, no flow after 10 min.
- RIH w/ Inflatable Packer, setting at 4,138'
  - Multiple attempts to establish injection rate at .5 bbl/min, pressure up to 2,996 psi with no injection.
  - Received approval from Maxey Brown to proceed with setting balanced plug on 19R
- TOH w/ inflatable packer
- TIH w/ 2-3/8" tbg cement stinger to 4,208'.
- Set balanced cement plug #1 – 7 bbls spacer, 56 bbls tail cement, displace w/ 55 bbls.
- WOC, tag TOC @ 3,480' and wash down to 3,290' to verify good cement
- Pump cement plug #2 – 7 bbls spacer, 37 bbls tail cement, displace w/ 41 bbls.
- RIH w/ wireline gyro and orient guns towards 19 target well @ 2,818'-2828' (less than 2' away from target wellbore), observed 13 bbl loss
- RIH w/ inflatable packer to 2,788'
- Pump 21 bbls tail cement at 2 bpm w/ 1,228 psi, 1 bbl spacer, with 50 bbls flush.
- Pump 7 bbls of spacer, 105 bbls of tail cement, displace with 1 bbls spacer and 10 bbls flush
- Tag firm cement at 2,225'
- Pump 75 bbls balanced cement plug.
- RIH w/ wireline gyro and orient perf guns @ 1631' (less than 2' away from target wellbore), fire guns, no loss
- RIH w/ inflatable packer
- Pump 38.8 bbls tail cement at 2 bpm w/ 1010 psi, 2 bbls spacer and displace with 26 bbls.
- Release from packer
- Pump 38 bbl balanced cement plug from 1590 to 1163', tagged TOC
- Pump 42 bbl balanced cement plug from 1163 to 675'
- Pressure test TOC to 1,300 psi for 15 minutes
- RDMO

VGSAU 19 – Final P&A Operations 2/19/18-2/22/18

- MIRU
- RIH w/ CIBP to 800', set and test to 500 psi, good test
- Pump 25 sks of class C 14.8 ppg cement.
- Perforated @ 400'
- Attempted circulation to surface, pressured up.
- Pumped 33 sks Class C 14.8 ppg cmt.
- RDMO

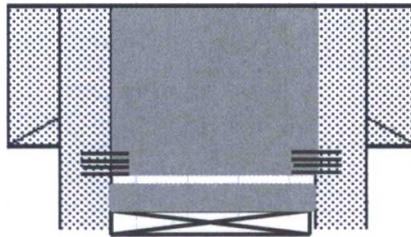
**VGSAU #19W Wellbore Diagram**

Created:	01/05/06	By:	C. A. Irlie
Updated:	02/22/18	By:	M. Stewart
Lease:	Vacuum Grayburg San Andres Unit		
Field:	same		
Surf. Loc.:	210' FSL & 1,420' FWL		
Bot. Loc.:			
County:	Lea	St.:	NM
Status:	<b>P&amp;A</b>		

Well #:	19W	St. Lse:	B-1306-1
API	30-025-24331		
Unit Ltr.:	N	Section:	1
TSHP/Rng:	S-18 E-34		
Unit Ltr.:			
TSHP/Rng:			
Directions:	Buckeye, NM		
Chevno:	FH0783		

**Surface Casing**

Size:	8 5/8"
Wt., Grd.:	20#
Depth:	354'
Sxs Cmt:	300
Circulate:	Yes
TOC:	Surface
Hole Size:	12 1/4



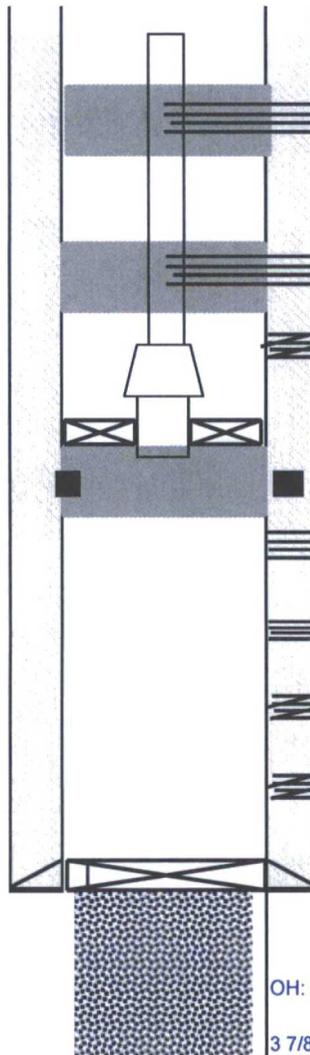
**Perf @ 400'**  
**Cmt plug - 33 sks**

**Cmt Plug - 25 sks**  
**CIBP @ 800'**

KB:	4000'
DF:	3999'
GL:	3988'
Ini. Spud:	02/06/73
Ini. Comp.:	02/21/73

**Production Casing**

Size:	4 1/2"
Wt., Grd.:	9.5#, J-55
Depth:	4700'
Sxs Cmt:	650
Circulate:	No
TOC:	3520' Est.
Hole Size:	7 7/8"



Casing parted ~820' in Redbeds

WS parted in hole  
 Est. FT @ 851'

**Perf & Sqz at top of salt 1620-1630**  
**CMT 38.8 bbls**

**Perf & Sqz at base of salt 2818-2828'**  
**CMT 21 bbls**

Sqz'd 3415' w/2500 sx. Cmt.

Tbg cut @ 4066'  
 Pkr. 4109'.

**Intercept ~4208'**  
**CMT 56 bbls**

DV 4333'

CIBP 4658'

OH: 4700-4735'

3 7/8" hole size.

**Perforations:**

Perfs: 4536-4610' w/TZ pill and 700# sluggish material. 3/30/76.  
 4377-4683' 2/26/73.  
 Sqz'd 4632-4638' w/100 sx. 11/1/74.  
 Sqz'd 4669-4683' w/20,000 gals Injectrol + 200 sx. 11/22/78.

**Tubing and Packer Detail:**

1-4 1/2" ELDER inj pkr. @ 4109'.

**Original OH:**

4700-4735'.

PBTD: 4658'  
 TD: 4735'