

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

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. 30-025-24331
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other: Injection Well		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC.		6. State Oil & Gas Lease No.
3. Address of Operator 6301 DEAUVILLE BLVD, MIDLAND, TX 79706		7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT
4. Well Location Unit Letter <u>N</u> : <u>1310</u> feet from the <u>SOUTH</u> line and <u>1420</u> feet from the <u>WEST</u> line Section <u>1</u> Township <u>18S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number 019
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,988' (GL)		9. OGRID Number 4323
		10. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES

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

NOTICE OF IN
PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

INT TO PA

P&A NR pm

P&A R

SUBSEQUENT REPORT OF:

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

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.

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:

PA'd 02/22/2018

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE mi 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: Michael 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

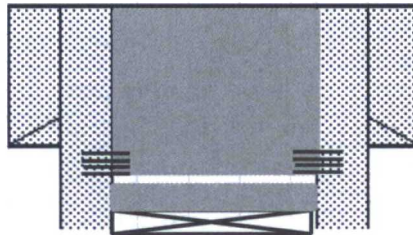
VGSAU #19W Wellbore Diagram

Created: 01/05/06 By: C. A. Irie
 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: **P&A**

Well #: 19W St. Lse: B-1306-1
 API: 30-025-24331
 Unit Ltr.: N Section: 1
 TSHP/Rng: S-18 E-34
 Unit Ltr.: Section:
 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"



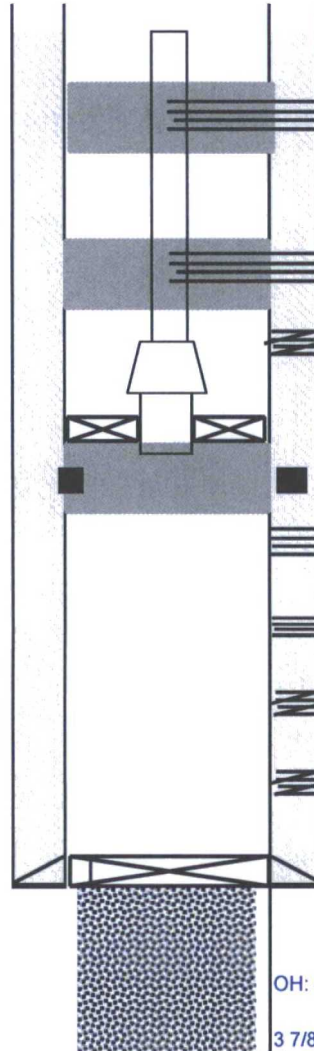
Perf @ 400'
 Cmt plug - 33 sks

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.

PBTD: 4658'
 TD: 4735'

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'.