

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

| | | | | | | | | |
|---|--|--|--|--|--|---|--|--|
| 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 | | | Energy, Minerals and Natural Resources OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 | | | Revised July 16, 2016 WELL API NO. 30-025-24314 | | |
| 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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTION 2. Name of Operator MORNINGSTAR OPERATING LLC 3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102 4. Well Location Unit Letter <u>J</u> : <u>2630</u> feet from the <u>S</u> line and <u>1330</u> feet from the <u>E</u> line Section 02 Township 18S Range 34E NMPM County LEA | | | 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 031 9. OGRID Number 330132 10. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES | | | 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:

| | | | |
|-----------------------|--------------------------|------------------|--------------------------|
| PERFORM REMEDIAL WORK | <input type="checkbox"/> | PLUG AND ABANDON | <input type="checkbox"/> |
| TEMPORARILY ABANDON | <input type="checkbox"/> | CHANGE PLANS | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | MULTIPLE COMPL | <input type="checkbox"/> |
| DOWNHOLE COMMINGLE | <input type="checkbox"/> | | |
| CLOSED-LOOP SYSTEM | <input type="checkbox"/> | | |
| OTHER: | <input type="checkbox"/> | | |

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.

MorningStar Operating has plugged and abandoned the VGSAU 31 as of 04/06/2025.

MIRU 03/20/2025.

Plug 1: 25 sx of cement on top of CIBP from 4038' - 3750'.

Plug 2: 3257' - 2639', 45 sx cement

Plug 3: 1729' - 1529', 35 sx cement

Plug 4: 410' - surface, 110 sx cement, topped off with 10 sx cement 20' -0'.

04/06/2025 RDP, Dug out around well head, Cut off wellhead, welded plate and dry hole marker. Back filled around well.

| | | |
|------------|-------------------------------------|-------------|
| CBL ran | 04/02/2025. Pipe evaluation log ran | 04/02/2025. |
| Spud Date: | | Rig Re |

Rig Release Date:

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

SIGNATURE Connie Blaylock TITLE Regulatory Analyst DATE 05/02/2025

Type or print name Connie Blaylock E-mail address: cblaylock@txoenergy.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

PLUG AND ABANDON JOB SUMMARY

VGSAU 31

30-025-24314

| | |
|------------|---|
| 03/20/2025 | MIRUPU, 0 psig on well, NDWH, NUBOP, Unloaded and racked workstring. PU 4-1/2 CIBP and RIH with tbg to 4040', SWN & SDON. |
| 04/01/2025 | Held 5" SM, 0 psig on well, PU & RIH with CIBP on tbg. Set CIBP at 4038', Circulated well with mud, SWN & SDON due to high winds. |
| 04/02/2025 | Held 5" SM, 0 psig on well, Broke circulation and spotted 25 sxs cement plug at 4038'. POOH with tbg, RU RTX wireline trk, Ran Csg inspection log. RIH with Wireline and tagged cement at 3750'. Bpbby with NMOCD ok'ed cement plug, Ran CBL log to surf, RD wireline trk. RIH with tbg to 3257' and pressure tested csg to 650 psig, Tested good, Waited on RTX to send log to NMOCD for instructions on next step. SWN & SDON. |
| 04/03/2025 | Held 5" SM, 0 psig on well, Spotted 45 sxs cement plug at 3257', POOH with tbg, RU wireline, RIH and perf'd at 1729'. RD wireline, RIH with packer and tbg. Set packer and attempted to get injection rate, Not able to get injection rate, Bobby with NMOCD instructed us to drop down to 1779' and spot cement plug. POOH with tbg and packer. RIH with tbg to 1780', Spotted 25 sxs cement plug, POOH and WOC. RIH and tagged cement at 1680', Spoke with Bobby and he instructed us to spot 10 more sxs cement, Spotted 10 sxs cement at 1680', POOH with tbg. RU wireline, RIH and perf'd at 410'. RD wireline, Established injection rate, Pumped 30 bbls brine but well did not circulate. SWN & SDON. |
| 04/04/2025 | Held 5" SM, 0 psig on well, Spoke to Bobby W/NMOCD about being able to pump into perf's at 41' but well not circulating. He instructed us to squeeze with 110 sxs cement and monitor well. LD tbg, NDBOP, NUWH, Pumped 110 sxs cement at 40 psig through perf's, SWN, WOC, Opened well slightly and had light flow. SWN and waited an hour. Opened well and still had slight flow. SWN & SDON. |
| 04/05/2025 | Held 5" SM, opened well and no pressure. Pressured up on well to 600 psig, Held good, SWN & SDON due to bad weather. |
| 04/06/2025 | Held 5" SM, 0 psig on well, NDWH, PU 1 jt tbg and tagged cement 20' from surface. Spot 10 sx cmt to surface. LD 1 jt tbg, RDPU, Dug out around well head, Cut off wellhead, welded plate and dry hole marker. Back filled worund well, Well PA'ed |

VGSAU #31 Wellbore Diagram - P&A WBD

Created: 01/05/06 By: C. A. Irle
 Updated: 04/08/25 By: JFR
 Lease: Vacuum Grayburg San Andres Unit
 Field: Vacuum Grayburg San Andres Unit
 Surf. Loc.: 2,630' FSL & 1,330' FWL
 Bot. Loc.:
 County: Lea St.: NM
 Status: P&A'd

Well #: 31 St. Lse: 857948
 API: 30-025-24314
 Unit Ltr.: N Section: 1
 TSHP/Rng: S-18 E-34
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Buckeye, NM

KB: 11'

Surface Casing Csg sqz 45'-90'
 Size: 8-5/8" 4-1/2" (2021)
 Wt., Grd.: 20#, X-40
 Depth: 360'
 Sxs Cmt: 210
 Circulate: Yes
 TOC: Surface
 Hole Size: 12 1/4"

Plug #4
 Top off with 10 sx 0'-20'
 Pump 110 sx from 0'-410'
 Perf @ 410'

Production Casing
 Size: 4-1/2"
 Wt., Grd.: 9.5#, J-55
 Depth: 4,710'
 Sxs Cmt: 650
 Circulate: No
 TOC: 2,610' - CBL
 Hole Size: 7 7/8"

Plug #3
 35 sx from 1529'-1729'
 Perf @ 1729'

Open Hole (Plugged back)
 Depth: 4,800' (1991)
 Hole Size: 3 7/8"

Plug #2
 45 sx from 2639'-3257'

Plug #1
 25 sx cmt on top of CIBP from 3750'-4038'
 CIBP @ 4038'

Casing bad below 4050' based on inspection log (2010), OCD approved packer set depth of 4050'.

Packer still below top of unitized top of Vacuum Grayburg San Andres Unit Sub. report dated 6/2/2010

Lugs from test pkr on top
 RBP @ 4043' (set 6/2/21)

San Andres Perfs: 4,376' - 4,705' (overall)

CIBP @ 4710' capped w/ 10' cmt (1997)

Open Hole: 4710' - 4800'

PBTD: 4,700
 TD: 4,800'

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 458157

CONDITIONS

| | |
|--|--|
| Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102 | OGRID: 330132 |
| | Action Number: 458157 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| gcordero | Clean Location in accordance with 19.15.25.10 NMAC. | 5/9/2025 |
| gcordero | Submit C-103Q within one year of plugging. | 5/9/2025 |