

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-31702
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well Number 052
9. OGRID Number 330132
10. Pool name or Wildcat VACUUM; GLORIETA
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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
2. Name of Operator MORNINGSTAR OPERATING LLC
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102
4. Well Location Unit Letter N : 214 feet from the S line and 1630 feet from the W line
Section 25 Township 17S Range 34E NMPM County LEA

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [X]
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 VGWU 52 as of 02/22/2025:
MIRU 01/28/2025.
Plug 1: CIBP @ 5844', capped with 25 sx from 5644' - 5844'.
Plug 2: (DV tool) 25 sx plug from 4850' - 5100'.
Plug 3: 25 sx plug from 4191' - 4391'.
Plug 4: 25 sx plug from 3548' - 3748'.
Plug 5: 60 sx plug from 3548' - 3748'.
Plug 6: 25 sx plug from 1400' - 1600'.
Plug 7: 18 sx from 0' - 150'.
RDMO 02/22/2025.

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 Connie Blaylock TITLE Regulatory Analyst DATE 03/03/2025

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):

**ACTIVE WELL: VACUUM GLORIETA WEST #52 (LEA COUNTY, NM)**

**01/28/25:** RUPU. NDWH, NUBOP. SWN & SDON.

**01/29/25:** Unloaded and racked 180 jts 2-7/8 workstring. PU on/off tool and 143 jts. Latched onto RBP at 4520', Unset RBP, POOH with tbg and RBP. SWN & SDON.

**01/30/25:** PU overshot, bumper sub, Jars and 6- drill collars. RIH with tbg, tagged at 4714', Worked down to 4730', RU swivel to circulate well. Worked tbg down from 4731 to 5269', Pumped down tbg to unplug tbg before engaging fish. Worked tbg down to fish, tagged fish and latched onto fish. Pulled 4 pts into fish and slipped off. Worked over fish again with same results, On third attempt tagged 3' higher and decided to pull overshot to check. POOH with tbg and overshot. Had 6' piece of tbg in overshot, SWN & SDON.

**01/31/25:** RIH with overshot assembly and tbg to 5306'. Worked overshot over fish, latched onto fish, jarred on fish for an hour, Unable to jar free, Tried to unset packer, while working tbg jumped free, POOH with tbg and overshot. Had a 8' piece of tbg in overshot, SWN & SDOWE.

**02/03/25:** PU 4-5/8 shoe, 10 jts 4-3/8 wash pipe, and jars. RIH with tbg to 5345', RU swivel, Broke circulation, washed over fish from 5345' to 5628', Circulated clean, RD swivel, LD 10 jts and stood back 20 jts. SWN & SDON.

**02/04/25:** POOH with rest of tbg and washpipe. PU overshot, 1- jt washpipe, jars, Drill collars and accelerator sub. RIH with tbg tagged fish at 5342', Latched onto fish, jarred on fish and tried to unset packer. Tbg spinning free, continued jarring on fish, was able move fish up hole 9', Stopped making hole, worked tbg and continued jarring, Tbg jumped free, Tbg parted or overshot released. POOH with 100 jts tbg, SWN & SDON.

**02/05/25:** POOH with rest of tbg and overshot. Recovered 60' of 2-3/8 IPC tbg, waited on 6 jts washpipe, RIH with 4-5/8 shoe, 15 jts washpipe, Jars 6- drill collars and tbg. Tagged top of fish at 5366', RIH and tagged fill at 5693'. POOH with 14 jts to get above fish, SWN & SDON.

**02/06/25:** RIH tagged top of fish, worked shoe over fish and run down to fill, RU swivel, Broke circulation, washed over fish from 5693' to 5809', top of packer. Circulated well clean, RD swivel, POOH with tbg and wash pipe. PU overshot, 1 jt wash pipe, bumper sub, jars, accelerator sub, RIH with drill collars and 160 jts tbg. SWN & SDON.

**02/07/25:** RIH with rest of tbg to top of fish, Worked overshot over fish and latched onto fish. Picked up on fish and came free. POOH with tbg and overshot. LD 14 jts 2-3/8 tbg and packer. RIH LD drill collars and wash pipe. RIH with tbg open ended, SWN & SDOWE.

**02/10/25:** POOH LD workstring, NDBOP, NUWH, RDMOPU.

**02/11/25:** Road plugging rig to location.

**02/12/25:** MIRU plugging rig. NDWH, NUBOP, Unloaded and racked workstring. PU 5-1/2 CIBP and 3 jts tbg. Rig tongs broke, LD 3 jts tbg and CIBP, SWN & SDON.

**02/13/25:** PU 5-1/2 CIBP and 120 jts tbg, SWN & SDOWE.

**02/18/25:** PU & RIH with rest of tbg, Set CIBP at 5844', Circulated well with Mud and spotted 25 sxs cement plug. POOH with tbg, Loaded csg with fluid, SWN & SDON.

**02/19/25:** RU wireline trk, Ran CBL log, RD wireline trk, SWN & SDON due to freezing weather.

**02/20/25:** SDFD due to inclement weather.

**02/21/25:** RIH with tbg to 5100'. Spotted 25 sxs cement plug, POOH with tbg to 4391', Spotted 25 sxs cement plug, POOH with tbg to 3748', Spotted 25 sxs cement plug, POOH to 3173', Spotted 60 sxs cement plug, POOH to 1600', spotted 25 sxs cement plug. POOH to 150', SWN & SDON

**02/22/25:** Broke circulation, circulated 18 sxs cement from 150' to surface, POOH LD tbg, NDBOP, Did 30 min bubble test, Tested good. RDPU, Cut off well head, Welded plate and dry hole marker. Well PA'ed.

### VGWU #52 WI - P&A WBD API No. 30-025-31702

#### Well Location

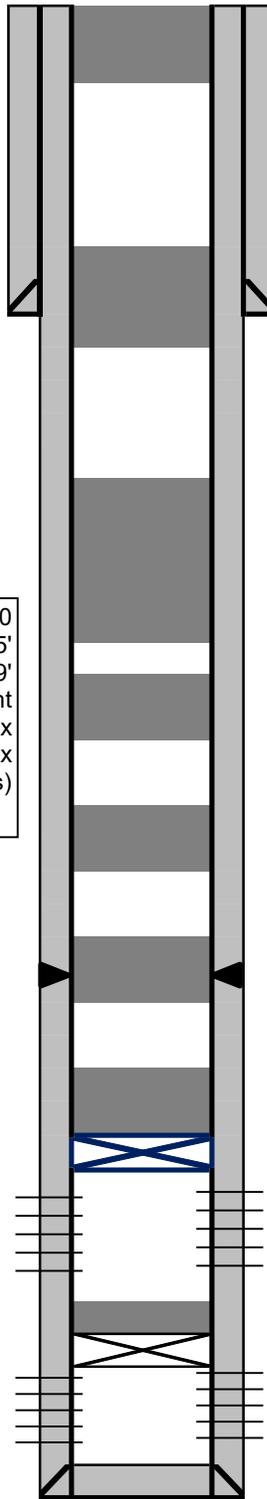
214' FSL & 1630' FWL  
Unit Letter N  
Sec 25, Town 17S, Rng 34E  
Lea County, New Mexico  
Elev: 4005' GR, 4019' KB

11" Hole  
8-5/8" 24# WC-50 CSG @ 1550'  
CMT w/ 650 sks (CIRC 50 sks)

7-7/8" Hole, 5-1/2" CSG 18 Jts 17# WC-50  
& 125 Jts 15.5# K-55 set @ 6285'  
DV tool @ 5039'  
1st stage: 375 sx, open DV circ cmt  
2nd stg lead: 1200 sx  
2nd stg tail: 100 sx  
CMT w/ 1675 sks total (CIRC 300 sks)

Formation - Top  
Rustler - 1529'  
Base Salt - 2691'  
Yates - 2808'  
Seven Rivers - 3123'  
Queen - 3698'  
San Andres - 4341'  
Glorieta - 5865'

Abandoned Perfs: 6002 - 6159'



Plug #7 (surface)  
18 sx from 0'-150'

Plug #6 (Rustler, Shoe)  
25 sx plug from 1400'-1600'

Plug #5  
(Base Salt, Yates, 7 Rivers)  
60 sx plug from 2591'-3173'

Plug #4 (Queen)  
25 sx plug from 3548'-3748'

Plug #3 (San Andres)  
25 sx plug from 4191'-4391'

Plug #2 (DV tool)  
25 sx plug from 4850'-5100'

Plug #1 - CIBP @ 5844'  
Capped w 25 sx from 5644'-5844'

Perfs: 5,894'-5974'

CIBP @ 6,000' w/ 15' CMT cap (10/2013)

TD = 6285'

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 438457

**CONDITIONS**

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 438457
	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.	3/27/2025
gcordero	Submit C-103Q within one year of plugging.	3/27/2025