

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

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. 30-025-24363
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTION		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MORNINGSTAR OPERATING LLC		6. State Oil & Gas Lease No.
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT
4. Well Location Unit Letter <u>C</u> : <u>1310</u> feet from the <u>N</u> line and <u>2530</u> feet from the <u>W</u> line Section <u>02</u> Township <u>18S</u> Range <u>34E</u> NMPM County LEA		8. Well Number 045
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 330132
		10. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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

MIRU 2/24/25. Ran CIBP on tubing, tried to set CIBP, unable to set. Pulled tubing and CIBP. MIRU WLU. Got OCD approval to try to set CIBP @ 4334' due to bad casing at 4384'. Ran CIBP on wireline. Tried to set CIBP @ 4334', setting tool did not shear. Tried to work wireline tools free, line parted at rope socket. RD WLU. Ran overshot on tubing, engaged fish, pulled wireline tools and CIBP fish out of well. Called OCD, got approval to place cement plug. Ran tubing to 4384', spotted 35 sx cement. WOC. Tagged top of cmt at 4271'. Spotted additional 35 sx cement. WOC. Tagged top of cmt at 3880'.  
 Plug #1: 70 sx cement plug from 3880'-4384'. Ran CBL.  
 Plug #2: 40 sx cement plug from 2354'-2889'. RU WLU. Perf 4-1/2" casing @ 1607'. Ran packer and tbq. Attempted to pump into perfs, pressuring up to 800 psig. Called OCD. Ran tubing to 1657'.  
 Plug #3: 25 sx cement plug from 1327'-1657'.  
 WOC. Tagged top of cement at 1327'. RU WLU. Perf'd 4-1/2" casing @ 406'. RD WLU. Established circulation to surface.  
 Plug #4: 165 sx cement from 0'-406'.  
 WOC. Cut off wellhead. Installed dry hole marker. RDMO 3/7/2025.

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 03/10/2025

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):

**VGSAU #45 - P&A WBD**

Created:	01/05/06	By:	C. A. Irle
Updated:	03/10/25	By:	JFR
Lease:	Vacuum Grayburg San Andres Unit		
Field:	same		
Surf. Loc.:	1310' FNL, 2530' FWL		
Bot. Loc.:			
County:	Lea	St.:	NM
Status:	<b>Plugged</b>		

Well #:	45	St. Lse:	B-3011-1
API	30-025-24363		
Unit Ltr.:	C	Section:	2
TSHP/Rng:	S-18 E-34		
Unit Ltr.:			
TSHP/Rng:			
Directions:	Buckeye, NM		

**Surface Casing**

Size:	8-5/8"
Wt., Grd.:	20# K-55
Depth:	356'
Sxs Cmt:	300
Circulate:	Yes
TOC:	Surface
Hole Size:	12 1/4

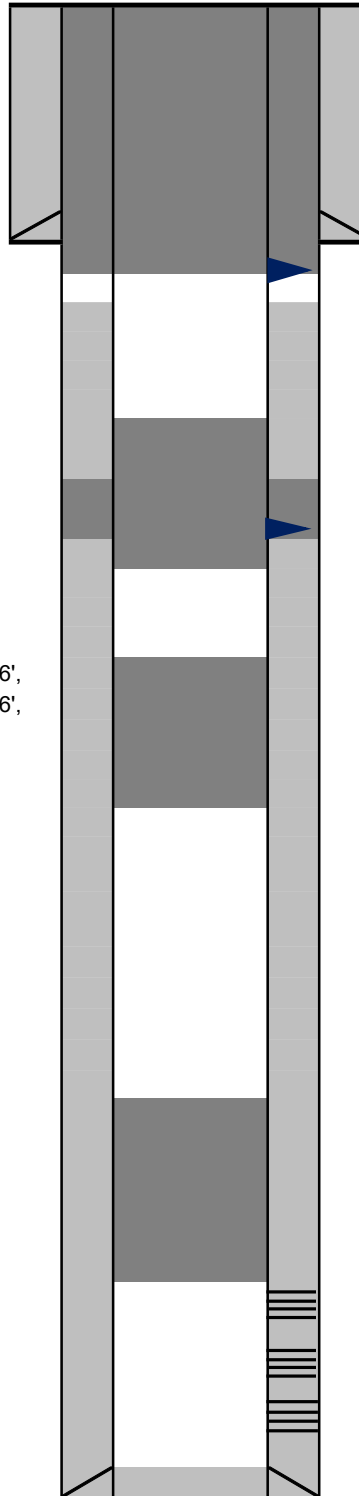
**Production Casing**

Size:	4-1/2"
Wt., Grd.:	9.5#, J-55
Depth:	4800'
Sxs Cmt:	600
Circulate:	No
TOC:	450' cbl
Hole Size:	7 7/8"

**Perf Details**

4484', 88', 92', 97',  
 4504', 7', 10', 13', 17', 28', 34', 40', 45', 55', 59', 66',  
 75', 4600', 4', 13', 21', 25', 34', 38', 41', 46', 49', 66',  
 72', 77', 82', 86', 90', 96',  
 4700', 4', 10', 18', 24', 29', 36', 40', 44', 56'.

Sqzd perfs: 4433', 55'



KB: 4026'

GL: 4016'

**Plug #4**

Circulate 165 sx from 0'-406'  
 Perf @ 406'

**Plug #3**

25 sx from 1327'-1657'  
 Perf @ 1607'

**Plug #2**

40 sx cmt plug 2354'-2889'

**Plug #1**

70 sx cmt plug 3880'-4384'

Perfs:  
 4484'-4756' (overall)

PBTD: 4782'

TD: 4800'

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/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 440801

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 440801
	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