

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 <u>LEA</u>		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 checked="" 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 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.

MorningStar Operating proposes the following procedure in response to Violation cGR238826168:

1. MIRU
2. Test and check for downhole integrity issue.
3. Repair any leak, notifying NMOCD of plans as required.
4. Re-run injection equipment.
5. Notify NMOCD to schedule MIT and chart.

**Condition of Approval: notify
 OCD Hobbs office 24 hours
 prior of running MIT Test & Chart**

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 04/17/2023

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 4/18/23
 Conditions of Approval ()

VGSAU #45 Wellbore Diagram

Created:	01/05/06	By:	C. A. Irie
Updated:	03/29/23	By:	JFR
Lease:	Vacuum Grayburg San Andres Unit		
Field:	same		
Surf. Loc.:	1310' FNL, 2530' FWL		
Bot. Loc.:			
County:	Lea	St.:	NM
Status:	Active Injection Well		

Well #:	45	St. Lse:	B-3011-1
API	30-025-24363		
Unit Ltr.:	C	Section:	2
TSHP/Rng:	S-18 E-34		
Unit Ltr.:		Section:	
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:	2464' Calc.
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'

DF: 4025'

GL: 4016'

Ini. Spud: 03/24/73

Ini. Comp.: 04/05/73

Tubing (10/6/2000):

KB- 10'

2' IPC sub - 2'

130 jts 2-3/8" 4.7# IPC tbg - 4226'

4-1/2" AD-1 Nickel plated pkr - 6'

EOT @ 4244'

Pkr @ 4240'

Perfs:

4484'-4756' (overall)

PBTD: 4782'

TD: 4800'

VGSAU #45 Wellbore Diagram - PROPOSED

Created:	01/05/06	By:	C. A. Irlle
Updated:	03/29/23	By:	JFR
Lease:	Vacuum Grayburg San Andres Unit		
Field:	same		
Surf. Loc.:	1310' FNL, 2530' FWL		
Bot. Loc.:			
County:	Lea	St.:	NM
Status:	Active Injection Well		

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

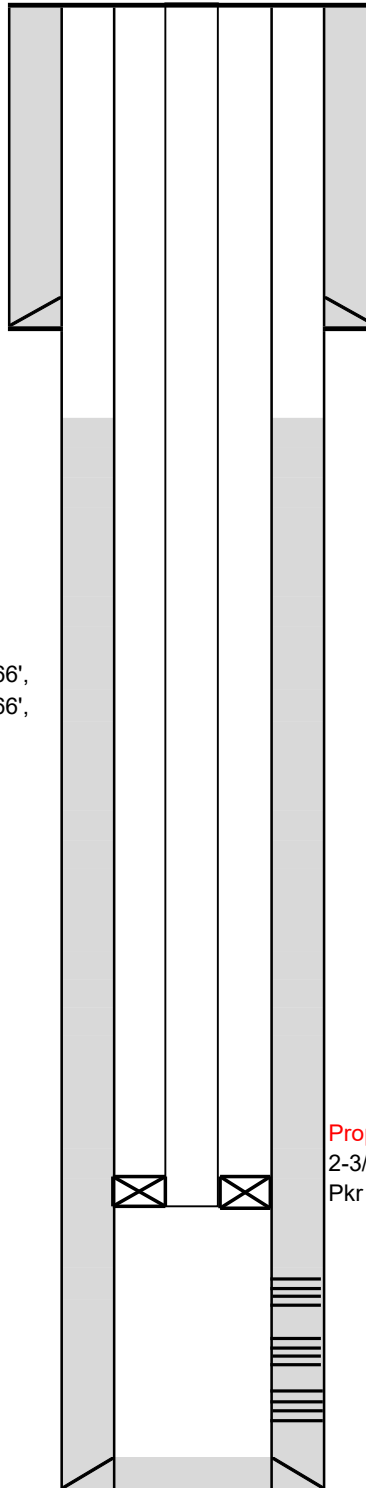
Size:	4-1/2"
Wt., Grd.:	9.5# J-55
Depth:	4800'
Sxs Cmt:	600
Circulate:	No
TOC:	2464' Calc.
Hole Size:	7 7/8"

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'
DF:	4025'
GL:	4016'
Ini. Spud:	03/24/73
Ini. Comp.:	04/05/73



Proposed:
 2-3/8" IPC tbg to surface
 Pkr @ ~4240'

Perfs:
 4484'-4756' (overall)

PBTD:	4782'
TD:	4800'

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CONDITIONS

Action 208484

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 208484
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT MIT/BHT	4/18/2023