

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.	30-025-38785
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	438
9. OGRID Number	330132
10. Pool name or Wildcat	VACUUM; GRAYBURG-SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3986' GL	

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 A : 10 feet from the N line and 420 feet from the E line
 Section 01 Township 18S Range 34E NMPM County LEA

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"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	P AND A <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 4/12/2024. Released on/off tool. Circulated well w/ 95 bbls brine. Engaged on/off tool. Pulled and scanned tubing out of well. Laid down bad joints. Set RBP @ 4252'. Set pkr @ 4221'. Tested RBP to 1000 psi, good. Moved pkr to 2610', tested above RBP to 500 psi, good. Moved pkr to 2610', tested above RBP to 500 psi, good. Set pkr @ 10', determined wellhead spool leaked. Pulled pkr. Loaded well with fluid. ND wellhead spool and head. NU and retorqued wellhead and spool. NU BOP. Loaded and tested 5-1/2" csg to 500 psi good. RIH with retrieving head, pulled RBP from 4252'. RIH with bit to 4894'. Pulled bit. Ran injection packer and 2-3/8" IPC tubing. Set pkr @ 4265'. Tested annulus to 600 psi good. Released on/off tool, circulated 110 bbls packer fluid into well, re-engaged on/off tool. ND BOP. NU wellhead. Performed MIT test good (NMOCD witnessed). RDMO 4/29/2024.

MIT attached (in response to cGR2312252738): START 630 psi, END 630 psi
 BHT submitted separately.

Spud Date:

Rig Release Date:

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

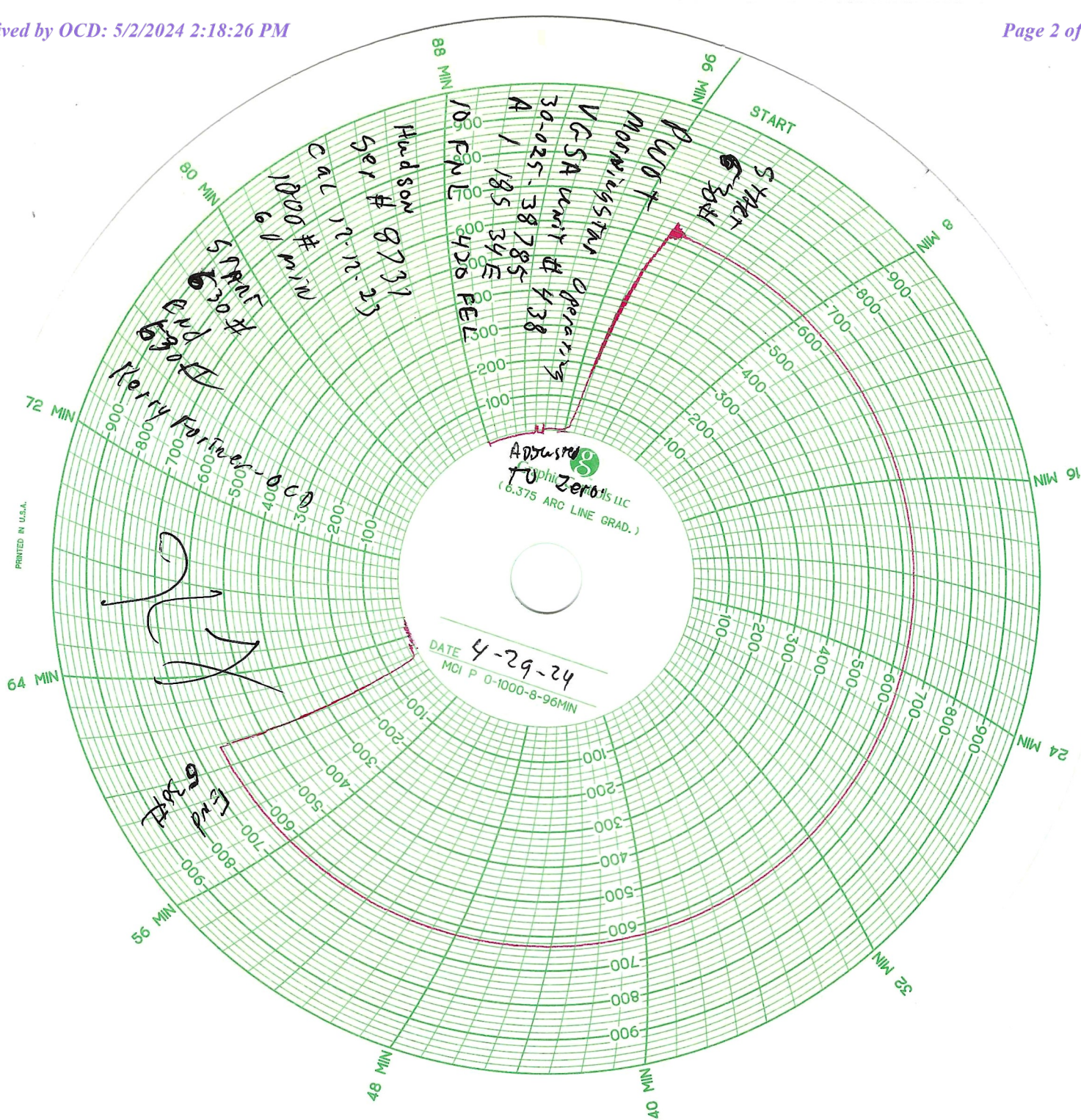
SIGNATURE Connie Blaylock TITLE Regulatory Analyst DATE 05/02/2024

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 5/23/24

Conditions of Approval (if any)



VGSAU 438 Wellbore Diagram

Created: 03/09/09 By: CAYN
 Updated: 05/01/24 By: JFR
 Lease: Vacuum Grayburg San Andres Unit
 Field: Vacuum Grayburg San Andres
 Surf. Loc.: 10' FNL & 420' FEL
 Bot. Loc.: 10' FNL & 670' FEL
 County: Lea St.: NM
 Status: Injector

Well #: 438 St. Lse: -
 API: 30-025-38785
 Unit Ltr.: A Section: 1
 TSHR/Rng: 18S 34E
 Unit Ltr.: Section:
 TSHR/Rng:
 Directions: Buckeye, NM
 OGRID: 4323

Surface Casing

Size: 11 3/4"
 Wt., Grd.: 42# H-40 STC
 Depth: 1485'
 Sxs Cmt: 1,000
 Circulate: yes
 TOC: Surface
 Hole Size: 14 3/4"

KB: 4008'
 DF: 4007'
 GL: 3986'
 Ini. Spud: 2/21/2009
 Ini. Comp.: 4/3/2009

Production Casing

Size: 5 1/2"
 Wt., Grd.: 17#, J-55 LTC
 Depth: 5,000'
 Sxs Cmt: 2,100
 Circulate: Yes, 380
 TOC: Surface
 Hole Size: * 7 7/8" *

WTF ECP on 5-1/2" @ 1317'

Ryte-Wrap csg 1332-1821' (12 jts)

*Hole size 11" to 3125'

Tubing (4/26/2024):

1 jt 2-3/8" J55 IPC tbg
 6' x 2-3/8" IPC tbg sub
 133 jts 2-3/8" J55 IPC tbg
 On/Off tool w/ 1.43" F profile
 5.5" AS1X NP Packer @ 4265'
 Re-entry guide
 EOT @ 4266'

Perf detail:

4326-4330,4334-4352,4384-
 4395,4474-4478,4483-4496,4505-
 4516,4522-4526,4528-4532,4547-
 4560,4596-4603,4607-4610,4612-
 4632,4635-4640,4646-4649,4652-
 4656,4660-4666,4672-4675,4678-
 4680,4686-4691,4696-4707,4710-
 4716,4718-4720,4724-4728,4746-
 4750,4762-4766,4766-4780,4786-
 4790,4798-4802,4811-4821

Packer @ 4265'

Perfs: 4326-4821' overall

PBTD: 4916'
 TD: 5020'

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CONDITIONS

Action 340346

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 340346
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	5/23/2024