

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. 30-025-24308
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> 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>I</u> : <u>1400</u> feet from the <u>S</u> line and <u>1300</u> feet from the <u>E</u> line Section <u>02</u> Township <u>18S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number 016
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4013 GL		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"/>	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"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <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.

07/19/2023 MIRU. Pulled tbg and packer scanning tbg. Replaced tbg joints.
 Ran 5.5" AS1X packer and 2 3/8" IPC injection tbg.
 Set packer @ 4321' in compression. Tested backside - good.
 Released on/off tool, circulated pkr fluid.
 Latched onto on/off tool. ND BOP. NU wellhead.
 Performed passing MIT: Start 520 psi, End 520psi

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.

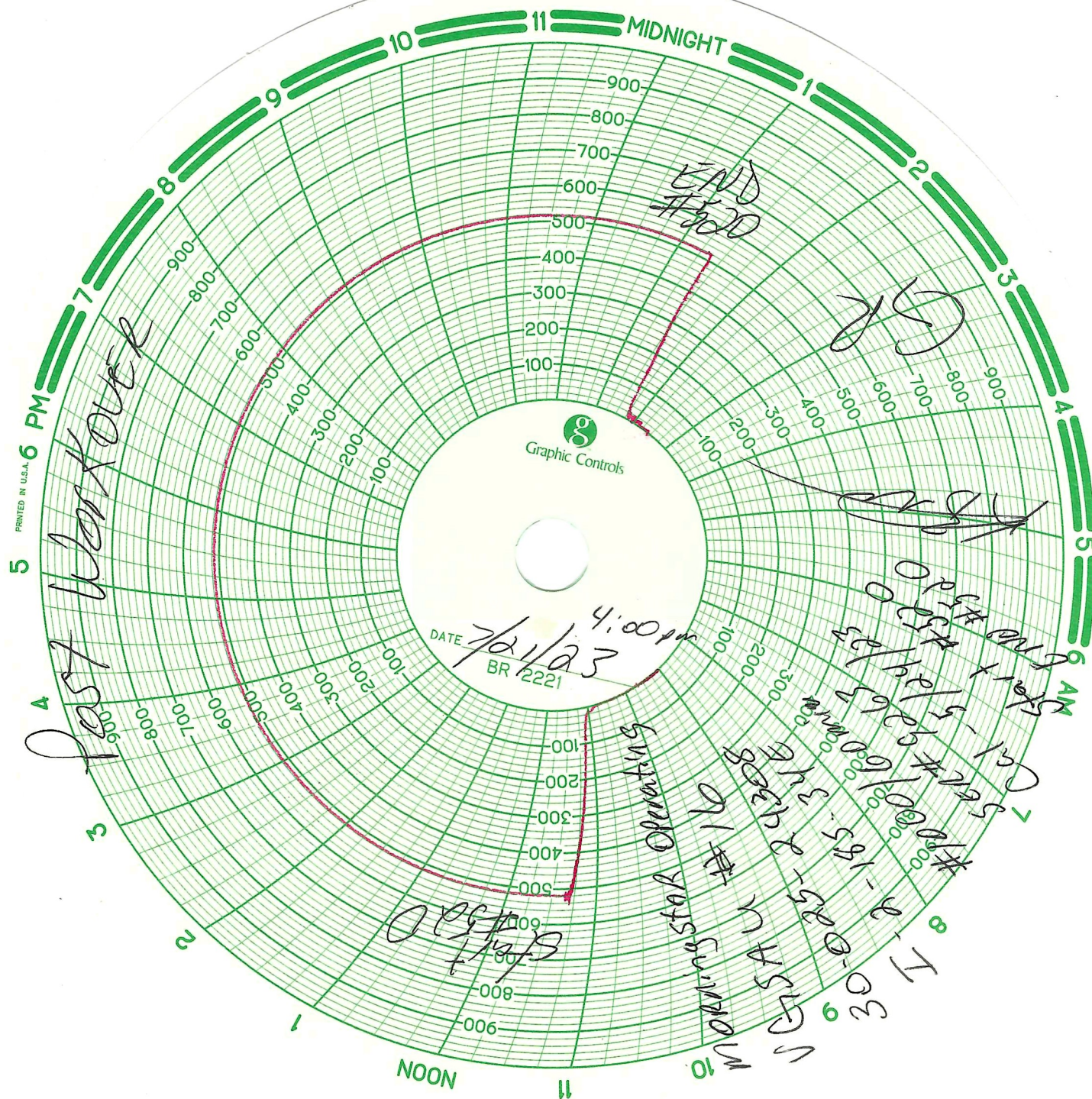
SIGNATURE Connie Blaylock TITLE Regulatory Analyst DATE 07/28/2023

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 9/5/23

Conditions of Approval (if any):



VGSAU #16 Wellbore Diagram

Created:	07/28/23	By:	JFR
Updated:		By:	
Lease:	Vacuum Grayburg San Andres Unit		
Field:	Vacuum Grayburg San Andres Unit		
Surf. Loc.:			
Bot. Loc.:			
County:	Lea	St.:	NM
Status:	Active Injection Well		

Well #:	16
API	30-025-24308

KB:	10'
GL:	4004'

Surface Casing

Size:	8-5/8"
Wt., Grd.:	20#, H-40
Depth:	353'
Sxs Cmt:	300
Circulate:	Yes
TOC:	Surface
Hole Size:	12 1/4"

Production Casing

Size:	5-1/2"
Wt., Grd.:	14# K-55
Depth:	4,800'
Sxs Cmt:	500
Circulate:	No
TOC:	2750' Calc
Hole Size:	7 7/8"

Perforations - 2 JPSI (01/1973)

4428, 39, 73, 78, 86, 94, 4505, 30,
34, 45, 50, 59, 65, 74, 83, 88, 92,
4602, 13, 20, 34, 43, 57, 78,
4713, 29, 42

Perfs - 4 spf (6/2004)

4420'-4450', 4520'-4560', 4580'-4600'

Initial Spud:	01/04/73
Initial Comp.:	01/22/73
Convert to Injector:	9/12/1982

HIC between 1107'-1145'
Sqz w/ 32 bbls cmt (3/15/16)

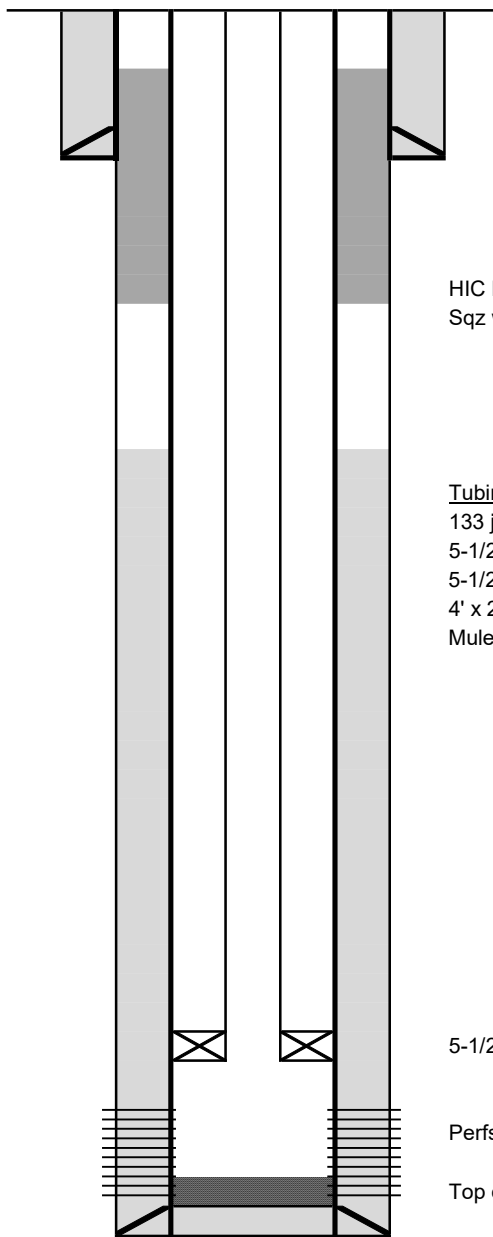
Tubing Details (7/21/2023):

133 jts 2-3/8" 4.7# J-55 IPC tbg
5-1/2"x2-3/8" T-2 O/O tool w/ 1.43" F profile
5-1/2" Nickel Plated AS1X Pkr
4' x 2-3/8" IPC sub
Mule shoe guide

5-1/2" AS-1X Pkr @ 4321'

Perfs: 4420'-4742' (overall)

Top of fill @ 4668', did not CO deeper (6/9/04)



PBTD:	4,789
TD:	4,800

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Santa Fe, NM 87505

CONDITIONS

Action 245447

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 245447
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	9/5/2023