

Submit a Copy To Appropriate District
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. 30-025-27971
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 CENTRAL VACUUM UNIT
4. Well Location Unit Letter M : 180 feet from the S line and 10 feet from the W line Section 36 Township 17S Range 34E NMPM County LEA		8. Well Number 161
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4004' 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"/>	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: CLEAN FILL, ADD PERFS TO G-SA <input checked="" 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 05/01/2024. POOH with injection string and packer. Cleaned fill to 4740'. MIRU wireline.
Added new perfs throughout existing SA injection interval (4391' - 4727') : perforated 4295' - 4727', 248 additional perfs, 4 SPF.
Acidized with 7500 gals 15% HCl.
Installed injection string and packer; packer depth @ 4245'.
Ran successful MIT: Start - 570 psi, End - 580 psi.
RDMO 05/10/2024 and RWTI.

Spud Date:

Rig Release Date:

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

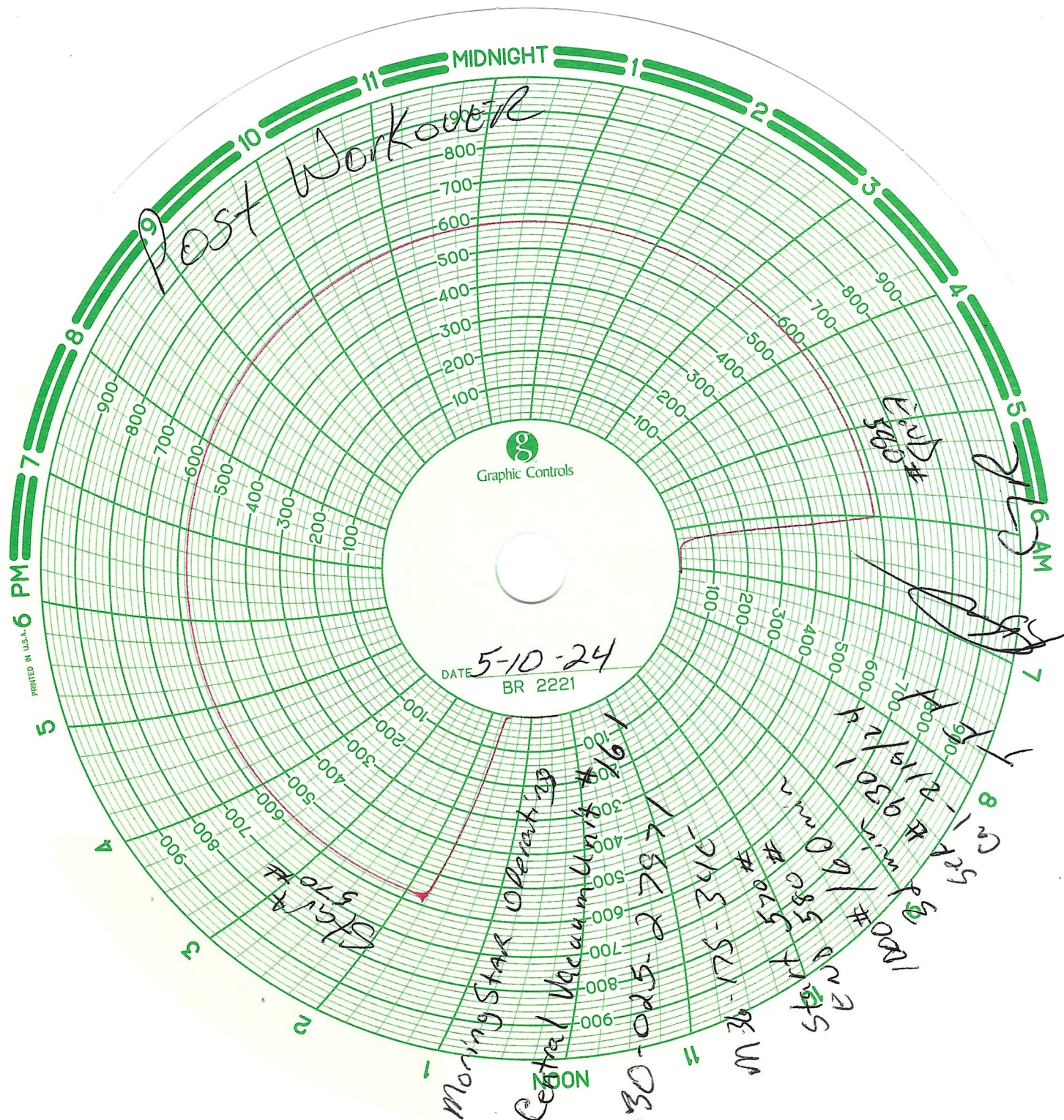
SIGNATURE Connie Blaylock TITLE Regulatory Analyst DATE 05/21/2024

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 5/24/24

Conditions of Approval (if any):



CVU 161 Wellbore Diagram

Lease:	Central Vacuum Unit	Well #:	161	St. Lse:	-
Field:	Vacuum Grayburg San Andres	API	30-025-27971		
Surf. Loc.:	180' FSL & 10' FWL	Unit Ltr.:	M	Section:	36
Bot. Loc.:		TSHP/Rng:	17S-34E		
County:	Lea	Unit Ltr.:		Section:	
Status:	Water Injector	TSHP/Rng:			
		Directions:	Buckeye, NM		
		CHEVNO:	DL8760		
		OGRID:	4323		

Surface Casing

Size:	16"
Wt., Grd.:	65# H-40
Depth:	374
Sxs Cmt:	550
Circulate:	Yes
TOC:	Surface
Hole Size:	20"

KB:	4019'
DF:	4018'
GL:	4004'
Ini. Spud:	12/14/82
Ini. Comp.:	01/11/83
Perf Add:	05/07/24

Intermediate Casing

Size:	11-3/4"
Wt., Grd.:	42#, H-40
Depth:	1550'
Sxs Cmt:	750
Circulate:	Yes
TOC:	Surface
Hole Size:	14-3/4"

Reduce hole size from 11" to 7-7/8" at 2803'

Production Casing

Size:	5 1/2"
Wt., Grd.:	15.5#, J-55
Depth:	4800'
Sxs Cmt:	2000'
Circulate:	Yes
TOC:	Surface
Hole Size:	7-7/8"

PBTD: 4730'

TD: 4800'

5/9/2024

1 jt duolined 2 7/8" tbg.
 4' duolined sub
 117 jts 2 7/8" Duolined tbg
 16 jts 2 7/8" IPC tbg
 Inj pkr @ ~4,245' (14pts compression)
 5-1/2"x2 7/8" AS1X nickel plated pkr with 1.87F profile.

4245' pkr depth

San Andres Perfs: 4391'-4727'

4,295-4301', 4305-07', 4311-13', 4319-21', 4361-63', 4369-73'
 4391', 93, 96,
 4400', 11, 16, 18'-20', 21, 23, 26, 28, 32, 38'-42', 40, 44, 59'-63', 89, 92, 94, 96, 97,
 4546-52', 4560-66', 4590-96'
 4604', 14'-18', 15, 30'-34', 33, 57, 60, 66'-70', 68, 76, 80'-84', 83, 91, 96, 98,
 4700', 02, 07, 10, 12, 18, 22, 4727'

5/08/2024: 7500gal 15% HCl (90/10xylene) with 3-1k salt drops

5/10/2024: MIT test

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CONDITIONS

Action 347350

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 347350
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	5/24/2024