

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. 30-025-25706
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 CENTRAL VACUUM UNIT
4. Well Location Unit Letter A : 35 feet from the N line and 127 feet from the E line Section 36 Township 17S Range 34E NMPM County LEA		8. Well Number 043
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"/>	REMEDIAL WORK <input 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.

MorningStar Operating requests approval of the following procedure in response to Violation cGR2310256909:

- At least 2 weeks before moving in workover rig, begin injecting water to load hole and formation for workover well control.
  - Verbally understood this would be included in the NOI request.
  - We may consider flowing the well back to our production equipment as well to reduce pressure before moving in the rig.
- MIRU WO and test tbg. If fails, pull scan and replace.
- Release on off tool and test csg/pkr. If fails, RIH test pkr and determine if csg or pkr.
  - Pkr leak, pull and replace pkr.
  - Csg leak, request approval to propose repair.
- RIH and cleanout to PBTD, 4765'.
- RIH inj pkr and set at ~4,245'.
  - Due to 3.5" liner depth, request approval to set inj pkr at this depth.
  - This is existing, pre-approved setting depth. (~122' above top perf).
- Perform MIT test. Return well to injection. RWTI.

**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 05/12/2023

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 6/23/23  
 Conditions of Approval: ( , , , , , )

## CVU #43 Wellbore Diagram

Lease: Central Vacuum Unit  
 Well #: 43  
 Field: Vacuum Grayburg San Andres  
 County: Lea St.: NM  
 Chevno: EP8746  
 API: 30-025-25706  
 Status: Active WAG Well

Surf. Loc.: 35' FNL & 127' FEL  
 Unit Ltr.: A Section: 36  
 TSHP/Rng: S-17 E-34  
 Directions: One mile SW of Buckeye

## Surface Casing

Size: 8 5/8"  
 Wt., Grd.: 24#  
 Depth: 403  
 Sxs Cmt: 425  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 12 1/4"

KB: 10'  
 DF: 4000'  
 GL: 3991'  
 Ini. Spud: 01/06/78  
 Ini. Comp.: 02/13/78  
 3.5" Csg Liner WO Comp: 03/11/13

## Production Casing

Size: 4 1/2"  
 Wt., Grd.: 10.5#  
 Depth: 4,800'  
 Sxs Cmt: 2500  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7 7/8"

## Production Liner

Size: 3 1/2"  
 Wt., Grd.: 9.2#  
 Depth: 4,318  
 Sxs Cmt: 135  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 4.052"

Perfs: 4367' - 4712' (27 ft, 54 holes)

RED BED LEAKS  
 Csg Leaks 477'-603'  
 Csg Leaks 451-576'

## Tubing Strings

Tubing Description		Planned Run?		Set Depth (MD) (ftKB)			Set Depth (TVD) (ftKB)		
Tubing		N		4,249.6					
Run Date		Run Job		Pull Date			Pull Job		
11/7/2018		Mechanical Integrity Test, 11/2/2018 14:00							
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Landing Nipple	2 3/8	1.751				0.45	9.9	10.4
1	Cross Over	2 3/8	1.900				1.01	10.4	11.4
136	Tubing	2 1/16	1.751	3.25	L-80	TSHP	4,231.84	11.4	4,243.3
1	Cross Over	2 1/16	1.600				0.62	4,243.3	4,243.9
1	On-Off Tool with 1.25 f nipple	2 1/16	1.250				1.45	4,243.9	4,245.3
1	Packer	2.74	1.250	29.00	110		4.28	4,245.3	4,249.6

On/Off tool with 1.25" F PN  
 Packer set @ 4245'

## Perfs:

4367, 71, 83, 87, 4391, 99, 4407, 24,  
 37, 4447, 62, 79, 4500, 41, 62, 72,  
 86, 95, 4609, 23, 34, 47, 62, 72, 82,  
 4700, 4712,

PBTD: 4,765  
 TD: 4,800

4/28/2023: Slickline bailer tag fill 4,551'. Get stuck at 4,435' for 3hrs, work free. No sample in bailer, but shiny spots on tools...?

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CONDITIONS

Action 216391

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 216391
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT	6/23/2023