

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-40462
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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 <u>A</u> : <u>704</u> feet from the <u>N</u> line and <u>311</u> feet from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>251</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3993 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 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"/>
ADD PERFS <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.

MorningStar Operating requests approval for the following procedure:

- 1) Pull rods and tbg. Run bit and clean out any fill in well. Spot acid across existing perfs while POOH.
- 2) MIRU WLU. Run GR-JB. Set CIBP @ approx. 4825'.
- 3) Perforate 4590' to 4756'. RIH w/pkr and workstring. Acidize new perforations.
- 4) Pull workstring and pkr. MIRU WLU. Run GR-JB. Set CIBP @ approx. 4550'.
- 5) Perforate 4283' to 4518'. RIH w/pkr and workstring. Acidize new perforations.
- 6) Pull workstring and pkr. Run bit on workstring, clean out fill. Drill out CIBPs @ 4550' and 4825'.
- 7) Continue and clean out well to approx. 5000'.
- 8) Pull bit. Run tbg. Run pump and rods.

Current and Proposed WBDs attached.

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 04/12/2023

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 4/13/23

Conditions of Appro:

## CVU #251 Wellbore Diagram

Lease: Central Vacuum Unit  
 Field: Vacuum  
 Surf. Loc.: 704' FNL & 311' FEL  
 Bot. Loc.:  
 County: Lea St.: NM  
 Status: Active Oil Well

Well #: 251 St. Lse:  
 API: 30-025-40462  
 Unit Ltr.: A Section: 36  
 TSHP/Rng: 17S / 34E  
 LAT/LONG: 32.797N / 103.506W  
 TSHP/Rng:  
 Directions: Buckeye, NM  
 Updated: 3/31/2023

## Surface Casing

Size: 11-3/4"  
 Wt., Grd.: 42#, H-40  
 Depth: 1,512'  
 Cmt: 398 bbls  
 Circulate: Yes, 170 bbl  
 TOC: Surface  
 Hole Size: 14 3/4"

## Intermediate Casing

Size: 8-5/8"  
 Wt., Grd.: 32#, J-55  
 Depth: 3,205'  
 Cmt: 227 bbls  
 Circulate: Yes, 60 bbls  
 TOC: Surface  
 Hole Size: 11"

## Production Casing

Size: 5 1/2"  
 Wt., Grd.: 17# J-55  
 Depth: 5,086'  
 Cmt: 1150  
 Circulate: Yes, 84 bbls  
 TOC: Surface  
 Hole Size: 7 7/8"

## Perforations:

4757-4764'  
 4772-4777'  
 4782-4790'  
 4795-4798'  
 4850-4860'  
 4878-4895'  
 4897-4910'  
 4912-4920'  
 4922-4942'  
 4944-4948'  
 4951-4979'

PBTD: 5,024'  
 TD: 5,123'

KB: 4,012  
 DF:  
 GL: 3,993  
 Ini. Spud: 1/9/2013  
 Ini. Comp.: 2/15/2013

LUFKIN M-640D-365-168  
 Serial Number: K128622F-523349

## Tubing (7/22/2022):

142 jts 2-7/8" 6.5# J-55 tbg (4563')  
 4' tubing sub  
 2 jts 2-7/8" tubing (63')  
 TAC (3')  
 9 jts 2-7/8" tbg (284')  
 1 jt 2-7/8" TK99 tbg (31')  
 SN (1')  
 4' perf sub  
 3.5" MAJ (31')

## Rods (7/22/2022):

1-1/2" x 26' polish rod  
 56 > 1" D rods (1400')  
 122 > 7/8" D rods (3050')  
 17 > 1.5" sinker bars (425')  
 4' stabilizer sub  
 1.5" insert pump

## CVU #251 Wellbore Diagram

**PROPOSED**

Lease: Central Vacuum Unit  
 Field: Vacuum  
 Surf. Loc.: 704' FNL & 311' FEL  
 Bot. Loc.:  
 County: Lea St.: NM  
 Status: Active Oil Well

Well #: 251 St. Lse: 30-025-40462  
 API: 30-025-40462  
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 Directions: Buckeye, NM  
 Updated: 3/31/2023

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 Depth: 5,086'  
 Cmt: 1150  
 Circulate: Yes, 84 bbls  
 TOC: Surface  
 Hole Size: 7 7/8"

KB: 4,012  
 DF:  
 GL: 3,993  
 Ini. Spud: 1/9/2013  
 Ini. Comp.: 2/15/2013

**Existing****Perforations:**

4757-4764'  
 4772-4777'  
 4782-4790'  
 4795-4798'  
 4850-4860'  
 4878-4895'  
 4897-4910'  
 4912-4920'  
 4922-4942'  
 4944-4948'  
 4951-4979'

**Proposed San Andres perf add:**

4283'-4,518'  
 4590'-4756'

PBTD: 5,024'  
 TD: 5,123'

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CONDITIONS

Action 206903

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 206903
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run BHT test	4/13/2023