

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. 30-025-40461
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
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>C</u> : <u>1019</u> feet from the <u>N</u> line and <u>1414</u> feet from the <u>W</u> line Section <u>31</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>LEA</u>		8. Well Number 249
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3984 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 ☒	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ADD PERFS TO SA ☐	OTHER: ☐

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.

1. Pull tubing and sub pump.
2. Run bit and scraper. POOH.
3. MIRU WLU. Run GR-JB.
4. Perforate 4724' to 4814'.
5. RIH packer and workstring. Acidize new perforations.
6. Pull workstring and pkr.
7. MIRU WLU. Run GR-JB. Set CIBP @ ~4590'.
8. Perforate 4421' to 4541'.
9. RIH packer and workstring. Acidize new perforations.
10. Pull workstring and pkr.
11. Run bit on workstring, clean out fill. Drillout CIBP @ 4590'.
12. Continue and clean out well to PBTD.
13. Pull bit. Run sub pump and tubing.

Perform PWOT BHT

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 06/20/2023

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 6/21/23

Conditions of Approval (if any):

CVU #249 Wellbore Diagram

Lease: _____
 Field: _____
 Surf. Loc.: _____
 Bot. Loc.: _____
 County: _____
 Status: _____

Central Vacuum Unit
 Vacuum
 1019' FNL & 1414' FWL
 Lea St.: NM
 SI Oil Well

Well #: 249 St. Lse: _____
 API: 30-025-40461
 Unit Ltr.: C Section: 31
 TSHR/Rng: 17S / 35E
 LAT/LONG: 32.796N / 103.500W
 TSHR/Rng: _____
 Directions: Buckeye, NM
 CHEVNO: NI399

Conductor

2 jts 16" 65# H-40 set at 78.4 ftkb

Surface Casing

Size: 11 3/4"
 Wt., Grd.: 42#, H-40
 Depth: 1,540'
 Cmt: 398 bbls
 Circulate: Yes, 173 bbl
 TOC: Surface
 Hole Size: 14 3/4"

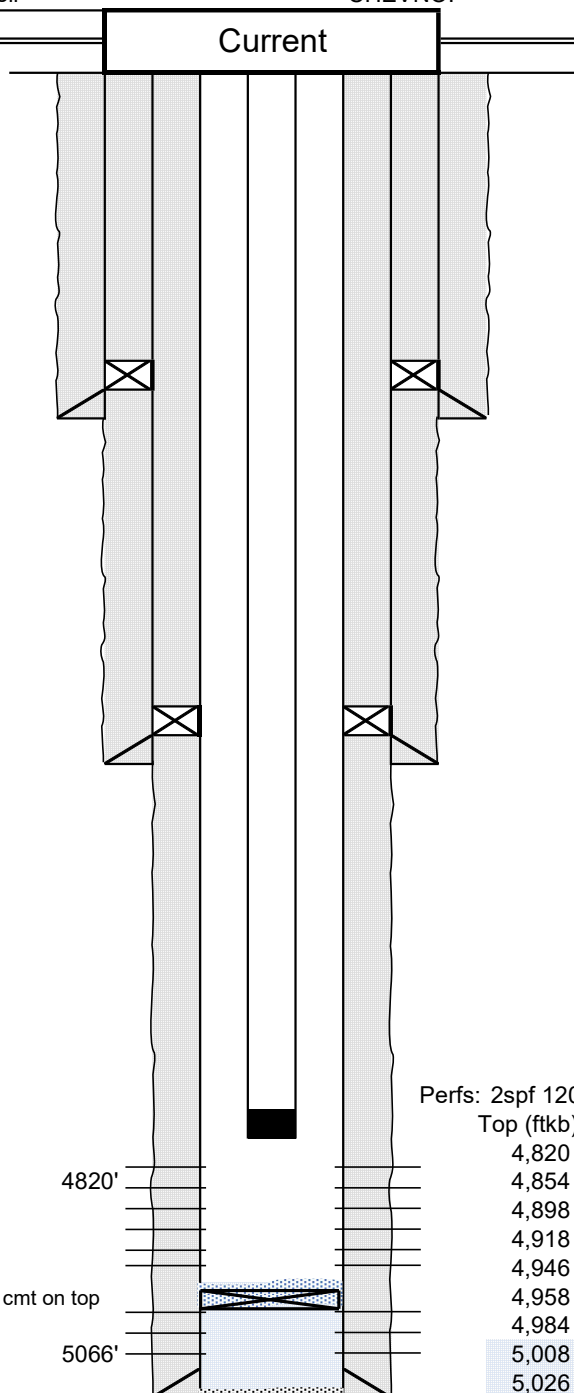
Intermediate Casing

Size: 8 5/8"
 Wt., Grd.: 32#, J-55
 Ext Csg Pk: 1,386'
 Depth: 3,233'
 Cmt: 227 bbls
 Circulate: Yes, 50 bbls
 TOC: Surface
 Hole Size: 11"

Production Casing

Size: 5 1/2"
 Wt., Grd.: 17# J-55
 Ext Csg Pk: 3,103'
 Depth: 5,215'
 Cmt: 250 bbls
 Circulate: Yes, 85 bbls
 TOC: Surface
 Hole Size: 7 7/8"

KB: 4,012
 DF: _____
 GL: 3,993
 Ini. Spud: 01/23/13
 Ini. Comp.: 03/18/13



9/12/2022 CIBP @ 5,004' with 1/2sx cmt on top
 1/2 sack cmt ~ 4.41 ft

Perfs: 2spf 120d ph 0.41"dia 35gr

Top (ftkb)	Btm (ftkb)	spf	shots
4,820	4,848	2	56
4,854	4,882	2	56
4,898	4,902	2	8
4,918	4,934	2	32
4,946	4,950	2	8
4,958	4,976	2	36
4,984	4,996	2	24
5,008	5,020	2	24
5,026	5,066	2	80
162 net feet			324 total

PBTD: 5,127 ftkb
 TD: 5,215 ftkb

CVU #249 Wellbore Diagram

Lease: Central Vacuum Unit

Field: Vacuum

Surf. Loc.: 1019' FNL & 1414' FWL

Bot. Loc.: _____

County: Lea St.: NM

Status: Oil Well

Well #: 249 St. Lse: _____

API: 30-025-40461

Unit Ltr.: C Section: 31

TSHR/Rng: 17S / 35E

LAT/LONG: 32.796N / 103.500W

TSHR/Rng: _____

Directions: Buckeye, NM

Conductor

2 jts 16" 65# H-40 set at 78.4 ftKB

KB: 4,012

DF: _____

GL: 3,993

Ini. Spud: 01/23/13

Ini. Comp.: 03/18/13

Surface Casing

Size: 11 3/4"

Wt., Grd.: 42#, H-40

Depth: 1,540'

Cmt: 398 bbls

Circulate: Yes, 173 bbl

TOC: Surface

Hole Size: 14 3/4"

Intermediate Casing

Size: 8 5/8"

Wt., Grd.: 32#, J-55

Ext Csg Pk: 1,386'

Depth: 3,233'

Cmt: 227 bbls

Circulate: Yes, 50 bbls

TOC: Surface

Hole Size: 11"

Production Casing

Size: 5 1/2"

Wt., Grd.: 17# J-55

Ext Csg Pk: 3,103'

Depth: 5,215'

Cmt: 250 bbls

Circulate: Yes, 85 bbls

TOC: Surface

Hole Size: 7 7/8"

Proposed perf adds:

4,421' - 4,541'

4,724' - 4,814'

Existing perfs:

Top (ftkb)	Btm (ftkb)	spf	shots
4,820	4,848	2	56
4,854	4,882	2	56
4,898	4,902	2	8
4,918	4,934	2	32
4,946	4,950	2	8
4,958	4,976	2	36
4,984	4,996	2	24
5,008	5,020	2	24
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162 net feet			324 total

9/12/2022 CIBP @ 5,004' with 1/2sx cmt on top
1/2 sack cmt ~ 4.41 ft

PBTD: 5,127 ftkb

TD: 5,215 ftkb

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CONDITIONS

Action 230800

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 230800
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT BHT	6/21/2023