

Submit 1 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. 30-025-40998
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>M</u> : <u>575</u> feet from the <u>S</u> line and <u>1170</u> feet from the <u>W</u> line Section <u>25</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number 438
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4007 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: ☐	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.

MorningStar has performed the following procedure:
 MIRU 03/07/2023.
 Pulled ESP; converted to rod pump.
 RDMO, RWTP 03/10/2023.

A passing BHT has been 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 08/18/2023

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 9/1/23
 Conditions of Approval (if any)

CVU #438 Wellbore Diagram

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

Central Vacuum Unit
 Vacuum
 575' FSL & 1170' FWL
 Lea St.: NM
 Producing Oil Well

Well #: 438 St. Lse: _____
 API: 30-025-40998
 Unit Ltr.: M Section: 25
 TSHP/Rng: 17S / 34E
 LAT/LONG: _____
 TSHP/Rng: _____
 Directions: Buckeye, NM
 CHEVNO: NT5388

Surface Casing

Size: 11-3/4"
 Wt., Grd.: 42#, H-40
 Depth: 1,565'
 Cmt: 1035 sx
 Circulate: Yes, 50 Bbls
 TOC: Surface
 Hole Size: 14-3/4"

Intermediate Casing

Size: 8-5/8"
 Wt., Grd.: 32#, J-55
 Depth: 3,223'
 Cmt: 595 sx
 Circulate: Yes, 4 Bbls
 TOC: Surface
 Hole Size: 10-5/8"

Production Casing

Size: 5 1/2"
 Wt., Grd.: 17# J-55
 Depth: 5,105'
 Cmt: 875 sx
 Circulate: Yes, 47 Bbls
 TOC: Surface
 Hole Size: 7-7/8"

Perforation Details

4376-79
 4404-11, 14-24
 4568-74, 77-80, 96-4600
 4626-38, 42-49, 49-67, 67-89, 89-4711
 4711-33, 43-56, 63-73, 90-98
 4808-17, 36-53

Forland C640D-365-168TH

SN# AT17-0235

KB: 4,025
 DF: _____
 GL: 4,007
 Ini. Spud: 07/22/13
 Ini. Comp.: 08/16/13

Tubing - Production set at 4917ftKB on 3/10/2023 00:00									
Set Depth (ft)	Comment	Run Date	Run Date	Run Date	Run Date	Run Date	Run Date	Run Date	Run Date
4917		3/10/2023							
Item Desc	OD (in)	WT (lb/ft)	Grade	Len (ft)	Jts	Top (ft)	Bot (ft)	Top (ft)	Bot (ft)
Tubing	2 7/8	6.50	J-55	4170	128	0	4170	4170	4173
S-1/2" x 2-7/8" Tbg Anchor Catcher	4 1/4			3	1	4170			
Tubing	2 7/8	6.50	J-55	676	21	4173	4849	4849	4881
Tubing - TK-99	2 7/8		J-55	31	1	4849	4880	4880	4881
Pump Seating Nipple	2 7/8			1	1	4880	4881	4881	4885
Tubing Sub	2 7/8	6.50	J-55	4	1	4881	4885	4885	4917
Poor Boy Gas Anchor (Orange Peel)	3 1/2	7.70	J-55	32	1	4885	4917		
Insert Pump on 3/10/2023 00:00									
Item Desc	OD (in)	WT (lb/ft)	Grade	Len (ft)	Jts	Top (ft)	Bot (ft)	Top (ft)	Bot (ft)
Polished Rod	1 1/2		SM	1	1	26			
Pony Rod	7/8			1	1	4			
Sucker Rod	7/8		D-90	86	1	2150			
Sucker Rod	3/4		D-90	93	1	2325			
Sinker Bar	1 1/2		K	14	1	350			
Stabilizer Rod	7/8		D	1	1	4			
RHBO Tool	3/4			1	1	1			
Rod Insert Pump	1 3/4			1	1	24			
Gas Anchor	1 1/4			1	1	20			

TBG Details:
 128 jts 2 7/8" J55 YB
 5 1/2" x 2 7/8" TAC @ 4173'
 23 jts 2 7/8" J55 YB
 1jt TK99
 2 7/8" SN @ 4881'
 4' x 2 7/8" lbg sub
 32" x 3 1/2" slotted motherhubbard w/ BP @ 4917'

Rod Details:
 1 1/2" x 26' SMRP w/ 7/8" pin
 4' x 7/8" pony
 86- 7/8" KD (D90) new rods
 93- 3/4" KD (D90) new rods
 14- 1 1/2" K sinker bars new
 4' x 7/8" stab bar
 RHBO tool
 26x175xRHBCx20x4 American pump (AP1224)
 1 1/4" x 20' GA

PBTD: 5,007'
 TD: 5,116'

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CONDITIONS

Action 254399

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 254399
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	9/1/2023