

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. 30-025-38627
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 VACUUM GRAYBURG-SAN ANDRES UNIT
4. Well Location Unit Letter <u>K</u> : <u>1945</u> feet from the <u>S</u> line and <u>2585</u> feet from the <u>W</u> line Section <u>01</u> Township <u>18S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>327</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3990 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 ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
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 Operating requests approval to convert to rod lift:

MIRU. Pull failed ESP equipment out of well.

Run bit and drill out bridge plug @ 4476', reopening perms from 4486' - 4565'.

Run tbg and rod lift equipment in the well to produce on rod lift.

RDMO. RTP.

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 03/02/2023

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 3/8/23

Conditions of Approval (if any):

575-263-6633

VGSAU #327 **Wellbore Diagram**

Created: 04/25/08 By: NC
 Updated: 08/17/22 By: JFR
 Lease: Vacuum Grayburg San Andres Unit
 Field: Vacuum Grayburg San Andres Unit
 Surf. Loc.: 1945 FSL 2585 FWL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Oil well

Well #: 327 St. Lse:
 API: 30-025-38627
 Unit Ltr.: K Section: 1
 TSHP/Rng: 18S 34E
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Buckeye, NM

Surface Casing

Size: 11-3/4"
 Wt., Grd.: 42# H40
 Depth: 457'
 Sxs Cmt: 356 sx CI C
 Circulate: yes, 135 sx
 TOC: Surface
 Hole Size: 14 3/4"

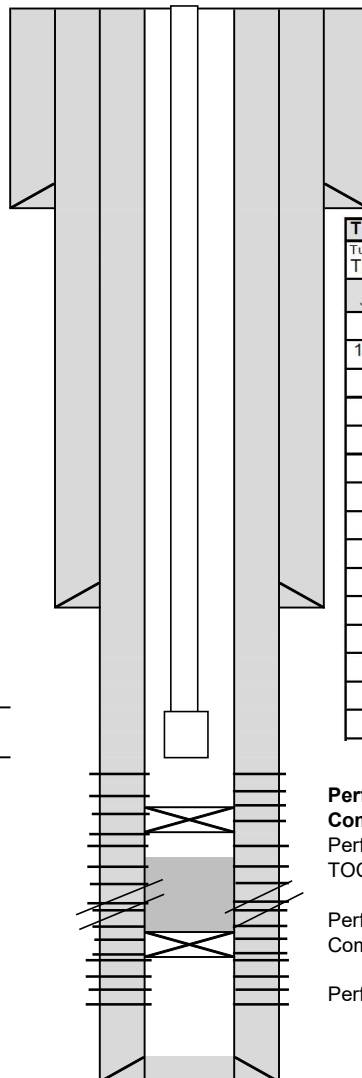
KB: 4015.5'
 DF: 4014.5'
 GL: 3990'
 Ini. Spud: 04/05/08
 Ini. Comp.: 06/04/08

Intermediate Casing

Size: 8-5/8"
 Wt., Grd.: 24# J55
 Depth: 3200'
 Sxs Cmt: 1410
 Circulate: yes, 515 sx
 TOC: surface
 Hole Size: 11"

Production Casing

Size: 5 1/2"
 Wt., Grd.: 15.5# & 17#, K-55
 Depth: 4,862'
 Sxs Cmt: 1100 Vercachem H
 Circulate: yes 20 sx
 TOC: surface
 Hole Size: 7 7/8"



Tubing									
Tubing Description				Set Depth (ftKB)		Run Date		Pull Date	
Tubing				4207		7/12/2021			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing	2 7/8	2.44	6.50	J-55		4	26	30
126	Tubing	2 7/8	2.44	6.50	J-55		4031	30	4061
1	Seal Nipple	2 7/8					1.1	4061	4062
1	Tubing Drain	2 7/8					0.6	4062	4063
2	Tubing	2 7/8	2.44	6.50	J-55		64.5	4063	4127
1	Tubing Pup Joint	2 7/8	2.44	6.00	J-55		4	4127	4131
1	PUMP DISCHARGE	4					0.5	4131	4132
1	ESP - Pump	4					23.5	4132	4155
1	ESP - Pump	4					10	4155	4165
1	ESP - Pump	4					10	4165	4175
1	ESP - Intake	4					4.5	4175	4180
1	Seal	4					6.1	4180	4186
1	Seal	4					6.1	4186	4192
1	ESP - Motor	4 1/2					11.9	4192	4204
1	Sensor	3 3/4					2.8	4204	4207

Perfs: 4268' - 4466'
Composite Bridge plug @ 4476' (set 4/2010)
 Perfs below CBP: 4486'-4565'
 TOC plug: 4568'

Perfs: 4571' - 4722' (Squeezed)
 Composite Bridge Plug @ 4725'

Perfs: 4728'-4844'

PBTD: 4568'
 TVD: 4866'

VGSAU #327
Proposed Wellbore Diagram

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 Unit Ltr.: _____ Section: _____
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 Directions: Buckeye, NM

Surface Casing

Size: 11-3/4"
 Wt., Grd.: 42# H40
 Depth: 457'
 Sxs Cmt: 356 sx Cl C
 Circulate: yes, 135 sx
 TOC: Surface
 Hole Size: 14 3/4"

KB: 4015.5'
 DF: 4014.5'
 GL: 3990'
 Ini. Spud: 04/05/08
 Ini. Comp.: 06/04/08

Intermediate Casing

Size: 8-5/8"
 Wt., Grd.: 24# J55
 Depth: 3200'
 Sxs Cmt: 1410
 Circulate: yes, 515 sx
 TOC: surface
 Hole Size: 11"

Tubing: (proposed)
 2-7/8" 6.5# tubing
 SN ~ 4250'
 EOT ~4290'

Production Casing

Size: 5 1/2"
 Wt., Grd.: 15.5# & 17#, K-55
 Depth: 4,862'
 Sxs Cmt: 1100 Vercachem H
 Circulate: yes 20 sx
 TOC: surface
 Hole Size: 7 7/8"

Perfs: 4268' - 4466'
CB-plug @ 4476' - Will Remove
Perfs: 4486'-4565' (reopened)
 TOC cement plug: 4568'

Perfs: 4571' - 4722' (Squeezed)
 Composite Bridge Plug @ 4725'

Perfs: 4728'-4844'

PBTD: 4568'
 TVD: 4866'

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CONDITIONS

Action 192478

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 192478
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	3/8/2023