

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. 30-025-21866
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 GLORIETA WEST UNIT
4. Well Location Unit Letter <u>K</u> : <u>1880</u> feet from the <u>S</u> line and <u>1880</u> feet from the <u>W</u> line Section <u>24</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number 003
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4020 GL		9. OGRID Number 330132
		10. Pool name or Wildcat VACUUM; GLORIETA

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 for the following procedure:

Pull rods and tubing.

Run bit and clean out any fill in well.

MIRU WLU. Run GR-JB. Set CIBP @ ~6063'.

PU and set CIBP @ ~5780'.

Mix and pump cement and squeeze perfs & casing from 5870'-6063'.

WOC. Run bit and drillout CIBP and cement and test.

Drill out CIBP @ 6063', clean out to PBTB.

Run packer and tubing. Set packer ~6060'.

Acidize existing perfs from 6073'-6139'.

Pull tubing and packer.

Run tubing. Run pump and rods.

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 04/24/2023

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 4/24/23

Conditions of Approval (if any).

**CURRENT
WELLBORE DIAGRAM
VGWU #3**

Surface Csg.

Size:	8-5/8"
Wt.:	24#, J-55
Set @:	1640'
Sxs cmt:	700 sx Class A
Circ:	Yes
TOC:	Surface
Hole Size:	12 1/4"

Production Csg.

Size:	5-1/2"
Wt.:	15.5# & 14#, J-55
Set @:	6210'
Sxs Cmt:	2200 sx cmt
Circ:	No
TOC:	2300' temp svy
Hole Size:	7 7/8"

Well Info

KB:	4017
DF:	4016'
GL:	4008'
Spud Date:	8/31/1966
Compl Date:	10/3/1966
Status:	Active Oil Well
API	30-025-21866

Tubing

Tubing Description						Set Depth (ftKB)	Run Date	Pull Date		
Tubing						6089	7/6/2021			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)	
179	6.5# L-80 PROD TBG	2 7/8	2.44	6.50	L-80		5790.8	0	5791	
1	6.5# L-80 PROD TBG	2 7/8	2.44	6.50	L-80		4.1	5791	5795	
2	6.5# L-80 PROD TBG	2 7/8	2.44	6.50	L-80		65.4	5795	5860	
1	45K TAC	2 7/8					3	5860	5863	
4	6.5# L-80 PROD TBG	2 7/8	2.44	6.50	L-80		130.6	5863	5994	
2	6.5# L-80 TK-99 PROD TBG	2 7/8	2.44	6.50	L-80		65.5	5994	6059	
1	MECH SN	2 7/8					0.9	6059	6060	
1	6.5# L-80 PROD TBG	2 7/8	2.44	6.50	L-80		4.1	6060	6064	
1	SLOTTED MUD ANCHOR	2 7/8					24	6064	6088	
1	BULL PLUG	2 7/8					0.4	6088	6089	

Rod Strings

Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)				
Rods		10/13/2021	6029		6041				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)		
SM POLISHROD	1	Norris	Alloy Steel	1 1/2		SM	26		
Norris subs	2	Norris	N-97	7/8		N-97			
NORRIS W/ FHSM CPLGS	98	Norris	N-97	7/8	2.22	N-97	2450		
WFT W/ FHSM CPLGS	12 4	WFT	HD	3/4	1.63	N-97	3100		
Sinker Bars W/3/4"FHSM Cplgs	15	Norris	K	1 1/2	6.01	K	425		
GUIDE SUB 3 PER ROD	1	Gamer	Guided	7/8		Guide d	4		
PUMP API 25-200-RHBC -24-5	1	Gamer	API	2		Gamer	24		

Perforations

Date	Top (ftKB)	Btm (ftKB)
10/8/2013	5,964.0	5,967.0
10/8/2013	5,977.0	5,980.0
10/8/2013	5,985.0	5,988.0
10/8/2013	6,001.0	6,004.0
10/8/2013	6,010.0	6,013.0
10/8/2013	6,021.0	6,024.0
10/8/2013	6,034.0	6,037.0
10/8/2013	6,050.0	6,053.0
6/16/1986	6,073.0	6,087.0
9/30/1966	6,089.0	6,139.0

Casing leak between 5899'-5930'

PBTD: 6179'
TD: 6210'

PROPOSED
WELLBORE DIAGRAM
VGWU #3

Surface Csg.

Size:	8-5/8"
Wt.:	24#, J-55
Set @:	1640'
Sxs cmt:	700 sx Class A
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10/8/2013	6,050.0	6,053.0
6/16/1986	6,073.0	6,087.0
9/30/1966	6,089.0	6,139.0

Squeeze w/ cmt
Casing leak between 5899'-5930'

Cmt Squeeze 5964'-6053' perfs
Remaining open perfs 6073'-6139'

PBTD: 6179'
TD: 6210'

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Santa Fe, NM 87505

CONDITIONS

Action 210046

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 210046
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	4/24/2023