

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. 30-025-25733
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTION		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>M</u> : <u>10</u> feet from the <u>S</u> line and <u>1136</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 <u>093</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3682 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 checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: MIT <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input 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.

In response to Violation cGR2230132392 for failed MIT, MSO requests approval for the following procedure:

- At least 2 weeks before moving in workover rig, begin injecting water to load hole and formation for workover well control. Verbally understood this would be included in the NOI request (per GC and KF @ OCD).
- MIRU WO and test tbg. If fails, pull scan and replace.
- Release on off tool and test csg/pkr. If fails, RIH test pkr and determine if csg or pkr.
 - Pkr leak, pull and replace pkr.
 - Csg leak, request approval to propose repair.
- RIH and cleanout to PBTD.
- RIH inj pkr and set at ~ 4,210'. (~89' above top perf).
- Perform MIT test
- Return well to injection.

Spud Date:

Rig Release Date:

**Condition of Approval: notify
 OCD Hobbs office 24 hours
 prior of running MIT Test & Chart**

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 12/21/2022

Type or print name Connie Blaylock E-mail address: cblaylock@mspartners.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

**CURRENT
WELLBORE DIAGRAM**

Lease: Central Vacuum Unit
Well No.: 93
Field: Vacuum Grayburg San Andres
County: Lea St: NM
CHVNO: EP8903
API: 30-025-25733
Current Status: Water Injection Well

Surface LM 10' FSL & 1136' FWL
Sec: 31 TSHP/Range: 17S 35E

Surface Csg.

Size: 13-3/8"
Wt.: 48# H-40
Set @: 360'
Sxs cmt: 400
Circ: Yes
TOC: surface
Hole Size: 17-1/4"

Intermate Csg

Size: 9-5/8"
Wt.: 32.3# K-55
Set @: 1500'
Sxs Cmt: 800
Circ: Yes
TOC: surface
Hole Size: 12-1/4"

Intermate Csg

Size: 7"
Wt.: 23# K-55
Set @: 2800'
Sxs Cmt: 650
Circ: Yes
TOC: surface
Hole Size: 8-3/4"

Production Csg.

Size: 4-1/2"
Wt.: 10.5# K-55
Set @: 4800'
Sxs Cmt: 800
Circ: Yes
TOC: surface
Hole Size: 6-1/8"

Perforations

4299' - 4706'

Perf @ 1,475' - no
communication. Perf
@ 1,400' & sqz w/ 250
sx to isolate water
flow

PBTD: 4780'
TD: 4800'

KB: 3994'
DF: 3993'
GL: 3982'
Original Spud Date: 3/31/1979
Original Compl. Date: 5/2/1979

Tubing Strings									
Tubing Description		Planned Run?		Set Depth (MD) (ftKB)		Set Depth (TVD) (ftKB)			
Tubing - Production		N		4,259.1					
Run Date		Run Job		Pull Date		Pull Job			
4/28/2017		Casing Repair,		4/18/2017 12:00					
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	TRANSIT NIPPLE	2 3/8	1.992		SS	8RD	0.70	12.0	12.7
1	TUBING SUB	2 3/8	1.992	4.70	IPC	8RD	8.06	12.7	20.8
1	TUBING SUB	2 3/8	1.992	4.70	IPC	8RD	6.15	20.8	26.9
1	TUBING SUB	2 3/8	1.992	4.70	IPC	8RD	6.03	26.9	32.9
1	TUBING SUB	2 3/8	1.992	4.70	IPC	8RD	1.94	32.9	34.9
130	PRODUCTI ON TUBING	2 3/8	1.992	4.70	IPC	8RD	4,215.75	34.9	4,250.6
1	ON-OFF TOOL 1.43 F PROFILE NIPPLE	4 1/2	1.430		SS	8RD	1.54	4,250.6	4,252.2
1	4 1/2" NICKLE PLATED INJECTION PACKER	4 1/2	1.992		NICKLE	8RD	6.55	4,252.2	4,258.7
1	2 3/8" PUMP OUT PLUG	2 3/8	1.992		IPC	8RD	0.40	4,258.7	4,259.1

Peak
Completions
Pkr

4/18/2017 Csg Repair workover
5/23/2021 Attempted CTCO, but tagged hard at 4351'... no luck getting through 4351. RDMO
Attempted 15% 2500gal HCl but still couldn't get coil cleanout through 4351'...

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CONDITIONS

Action 169370

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 169370
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT MIT/BHT	12/22/2022