

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-38787
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> 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 VACUUM GRAYBURG-SAN ANDRES UNIT
4. Well Location Unit Letter <u>C</u> : <u>100</u> feet from the <u>N</u> line and <u>1980</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 440
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3996 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:
<b>PERFORM REMEDIAL WORK</b> <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: <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.

MorningStar Operating requests approval of the following procedure in response to Violation cGR2310255785:

1. MIRU
2. Test and check for downhole integrity issue.
3. Repair any leak, notifying NMOCD of plans as required.
4. Re-run injection equipment.
5. Notify NMOCD to schedule MIT and chart.

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

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 04/25/2023

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 4/25/23  
 Conditions of Appro:

## VGSAU 440 Wellbore Diagram

Created: 04/15/09 By: CAYN  
 Updated: 04/20/23 By: JFR  
 Lease: Vacuum Grayburg San Andres Unit  
 Field: Vacuum Grayburg San Andres  
 Surf. Loc.: 100' FNL 1980' FWL  
 Bot. Loc.:  
 County: Lea St.: NM  
 Status: CO2 Injector

Well #: 440 St. Lse: -  
 API: 30-025-38787  
 Unit Ltr.: C Section: 1  
 TSHP/Rng: 18S 34E  
 Unit Ltr.: Section:  
 TSHP/Rng:  
 Directions: Buckeye, NM  
 OGRID: 4323

**Surface Casing**

Size: 11 3/4"  
 Wt., Grd.: 42# H-40 STC  
 Depth: 1500'  
 Sxs Cmt: 950  
 Circulate: yes, 349 sx  
 TOC: Surface  
 Hole Size: 14 3/4"

ECP on 8 5/8" @ 1376'

Ryte-Wrap csg 1392-2368'

ECP - External Csg Pkr

**Intermediate Casing**

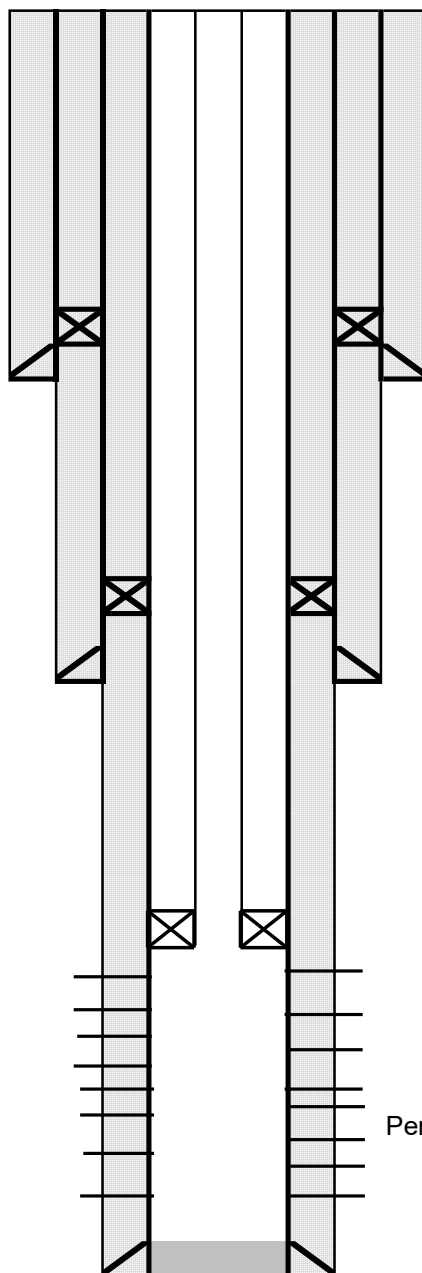
Size: 8 5/8"  
 Wt., Grd.: 24# J-55 STC  
 Depth: 2992'  
 Sxs Cmt: 1,140  
 Circulate: yes, 168 sx  
 TOC: surface  
 Hole Size: 11"

ECP on 5 1/2" @ 2688'

Ryte-Wrap csg 1308-1796'

**Production Casing**

Size: 5 1/2"  
 Wt., Grd.: 17#, J-55 LTC  
 Depth: 5018'  
 Sxs Cmt: 1,050  
 Circulate: yes, 334 sx  
 TOC: Surface  
 Hole Size: 7 7/8"



KB: 4018'  
 DF:  
 GL: 3996'  
 Ini. Spud: 3/19/2009  
 Ini. Comp.: 5/1/2009

**Injection Equipment:**

132 Jts - 2 3/8" IPC tubing (Probably TK-15)  
 5-1/2" x 2-3/8" AS1X pkr (Maverick)  
 w/ on-off tool & 1.43" PN @ 4203'

Perfs: 4294'-4860'

PBSD: 4,940'

TD: 5020'

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Proposed

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 Field: Vacuum Grayburg San Andres  
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 Unit Ltr.: C Section: 1  
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 Unit Ltr.: Section:  
 TSHP/Rng:  
 Directions: Buckeye, NM  
 OGRID: 4323

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 Wt., Grd.: 42# H-40 STC  
 Depth: 1500'  
 Sxs Cmt: 950  
 Circulate: yes, 349 sx  
 TOC: Surface  
 Hole Size: 14 3/4"

ECP on 8 5/8" @ 1376'

Ryte-Wrap csg 1392-2368'

ECP - External Csg Pkr

## Intermediate Casing

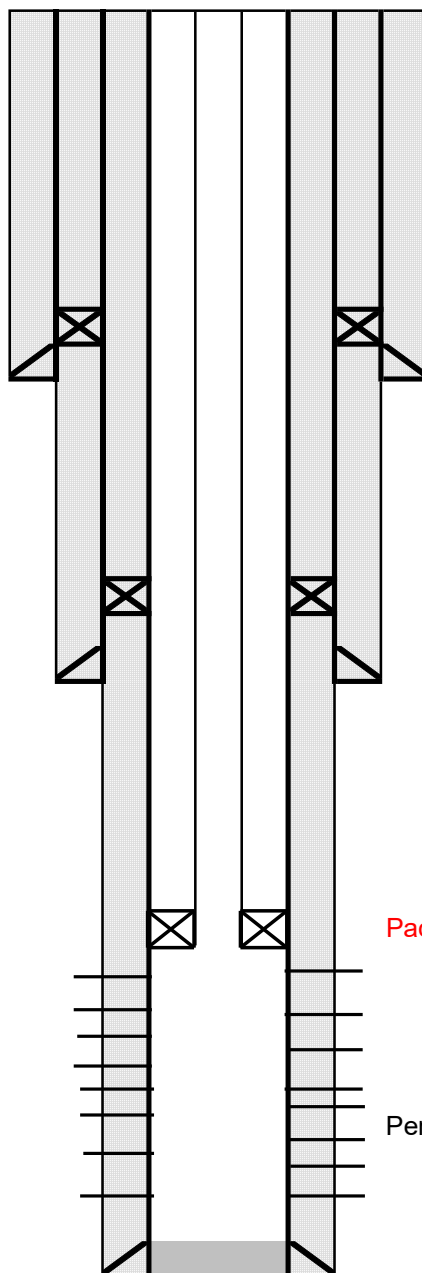
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 Depth: 2992'  
 Sxs Cmt: 1,140  
 Circulate: yes, 168 sx  
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 Hole Size: 11"

ECP on 5 1/2" @ 2688'

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Size: 5 1/2"  
 Wt., Grd.: 17#, J-55 LTC  
 Depth: 5018'  
 Sxs Cmt: 1,050  
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 TOC: Surface  
 Hole Size: 7 7/8"



KB: 4018'  
 DF:  
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 w/ on-off tool & 1.43" PN @ 4203'

Packer ~4203'

Perfs: 4294'-4860'

PBSD: 4,940'

TD: 5020'

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**Santa Fe, NM 87505**

CONDITIONS

Action 210559

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 210559
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT	4/25/2023