

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. 30-025-02956
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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 ___ O ___ : ___ 660 ___ feet from the ___ S ___ line and ___ 1980 ___ feet from the ___ E ___ line Section 31 Township 17S Range 35E NMPM County LEA		8. Well Number 086
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3968 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 type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <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.

Previous C-103G NOI (ID#166056) for repairing csg issue was attempted, but unable to be completed.

-String mill was unable to work through beyond 2750'.

-Downhole camera was ran to 2756' and no noticeable casing parts or damage was found other than deviation.

-A gyro survey at 5' intervals was ran and found significant csg bend/torque at 2745'-2750'.

MSO proposes to TA the wellbore for the future utility of sidetrack drilling a replacement wellbore.

1.) POOH tbg kill string.

2.) RIH RBP to 2,700'.

3.) RIH and circulate inert wellbore fluid and confirm csg integrity.

4.) Perform MIT test of 7" csg.

Current/Proposed WBDs attached.

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 01/11/2024

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 1/12/24  
 Conditions of Approval

**CURRENT  
WELLBORE DIAGRAM****Proposed TA**

Lease: Central Vacuum Unit  
 Well No.: 86  
 Field: Vacuum (Grayburg-San Andres)  
 County: LEA St: NM  
 CHEVNO: FA4110  
 API: 30-025-02956  
 Current Status: Active Producer

Unit Ltr: O

Surface Location: 660' FSL &amp; 1980' FEL

Sec: 31 TSHP/Range: 17S - 35E

**Surface Csg.**

Size: 13"  
 Wt.: 35#  
 Set @: 255'  
 Sxs cmt: 200  
 Circ: yes  
 TOC: surface  
 Hole Size: 17"

**Intermediate Csg.**

Size: 9-5/8"  
 Wt.: 36#  
 Set @: 1508'  
 Sxs Cmt: 275  
 Circ: No  
 TOC: 907' calc @ 70% effy.  
 Hole Size: 12"

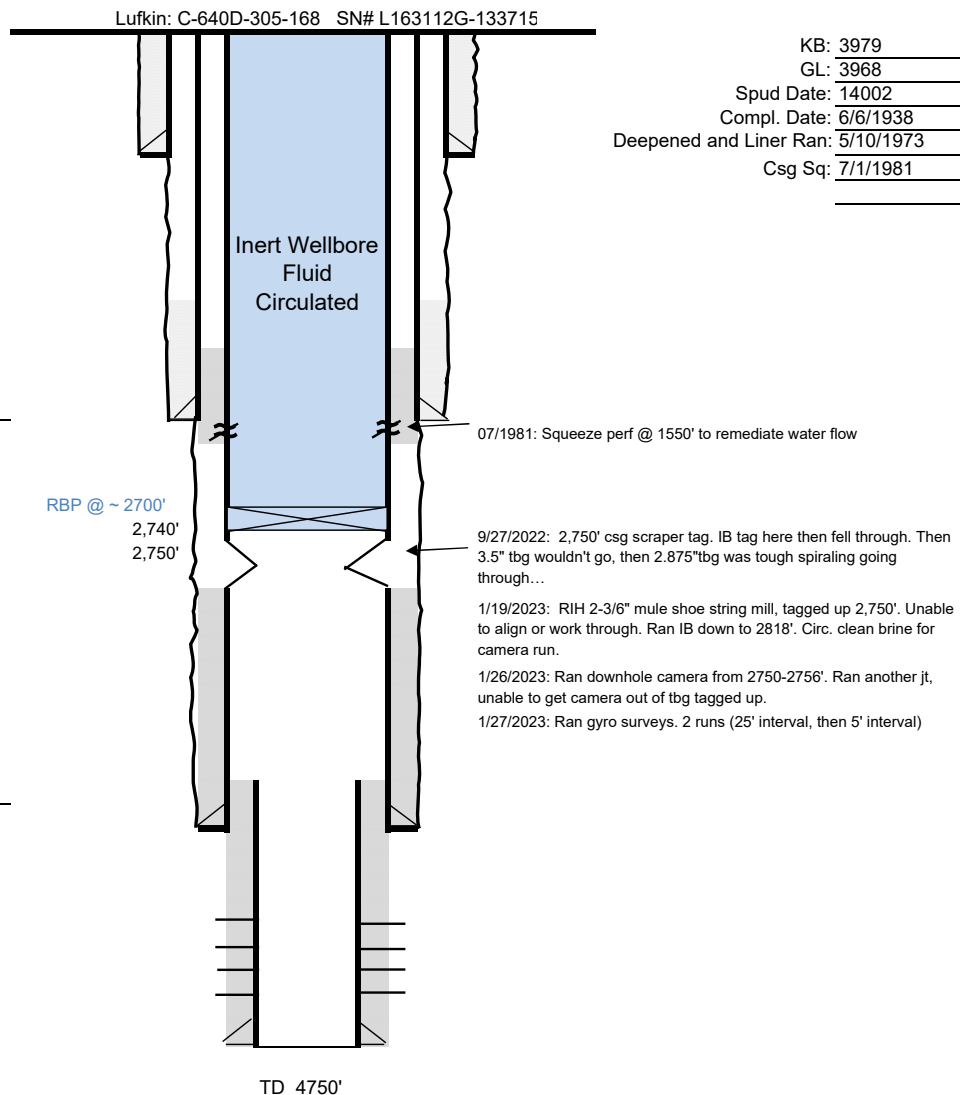
**Production Csg.**

Size: 7"  
 Wt.: 24#  
 Set @: 4106'  
 Sxs Cmt: 400  
 Circ: No  
 TOC: 1647' calc @ 70% effy.  
 Hole Size: 8-3/4"

**Production Liner**

Size: 4-1/2"  
 Top: 4001'  
 Wt.:  
 Set @:  
 Sxs Cmt: 160

San Andres Perfs: 4356 - 4691



KB: 3979

GL: 3968

Spud Date: 14002

Compl. Date: 6/6/1938

Deepened and Liner Ran: 5/10/1973

Csg Sq: 7/1/1981

**CURRENT  
WELLBORE DIAGRAM**

**Current Est. Csg Issue**

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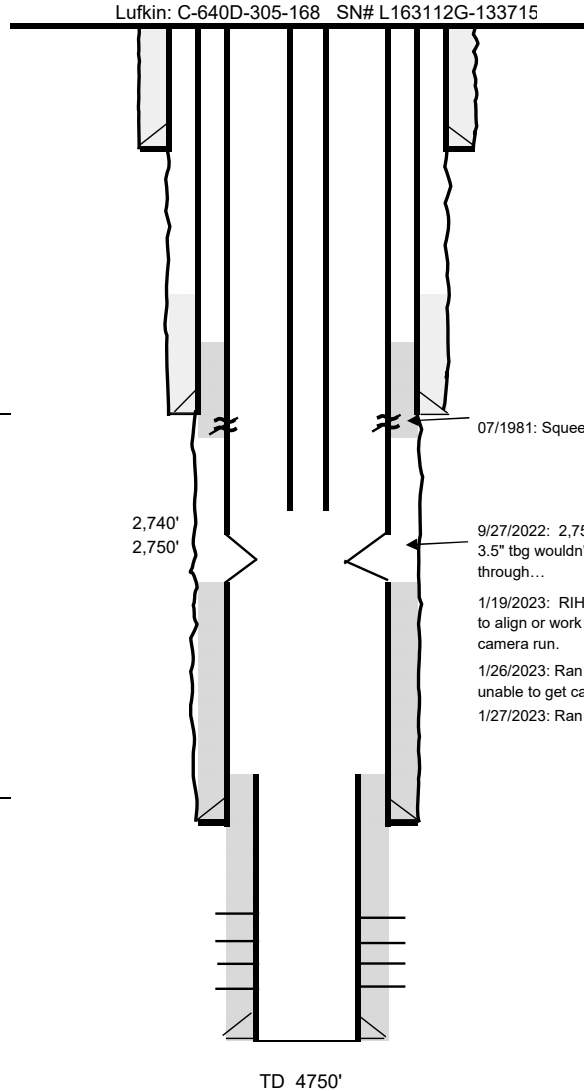
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07/1981: Squeeze perf @ 1550' to remediate water flow

9/27/2022: 2,750' csg scraper tag. IB tag here then fell through. Then 3.5" tbg wouldn't go, then 2.875" tbg was tough spiraling going through...

1/19/2023: RIH 2-3/6" mule shoe string mill, tagged up 2,750'. Unable to align or work through. Ran IB down to 2818'. Circ. clean brine for camera run.

1/26/2023: Ran downhole camera from 2750-2756'. Ran another jt, unable to get camera out of tbg tagged up.

1/27/2023: Ran gyro surveys. 2 runs (25' interval, then 5' interval)

TD 4750'

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CONDITIONS

Action 302905

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 302905
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run TA test MIT/BHT	1/12/2024