

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 <u>O</u> : <u>660</u> feet from the <u>S</u> line and <u>1980</u> feet from the <u>E</u> line Section <u>31</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>LEA</u>		8. Well Number <u>086</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3968		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"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input 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.

- 1) Make a gauge ring drift run to the 4.5" liner top.
- 2) RIH 7" CBP and set at approx 3850' above liner top.
- 3) Pressure test and investigate 7" csg.
- 4) Perform squeeze job with alignment tool as needed.
- 5) Pressure test csg.
- 6) RWTP on rod pump.

WBD attached.

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 12/12/2022

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 12/16/22
 Conditions of Approval (if any):

**CURRENT
WELLBORE DIAGRAM**

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

Sec: 31

Surface L 660' FSL & 1980' FEL
 TSHP/Range: 17S - 35E

Surface Csg.

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

KB: 3979

DF: _____

GL: 3968

Spud Date: 5/2/1938

Compl. Date: 6/6/1938

Intermediate Csg.

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

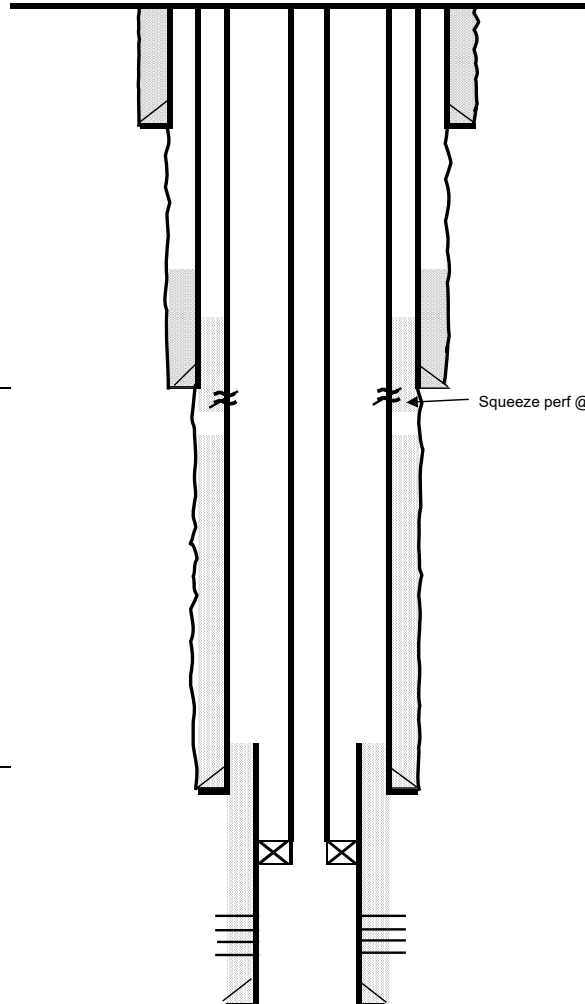
Production Csg.

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



TD 4750'

Tubing Description			Run Date		Comment	
Tubing - Production			7/19/2022			
Tubing Components						
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ft±5)
Tubing	2 7/8	6.50	J-55	111	3698	3713
Tubing	2 3/8	4.00	J-55	14	452	4165
Tubing Sub	2 7/8	6.50	J-55	1	4	4169
Tubing	2 3/8	4.70	J-55	2	63	4232
4- 1/2" x 2-3/8" Tbg	4			1	3	4235
Anchor Catcher						
Tubing	2 3/8	4.00	J-55	11	345	4580
Tubing - TK-99	2 3/8		J-55	1	31	4611
Tubing Barrel Pump				1	29	4640
Tubing Sub	2 3/8	4.70	J-55	1	4	4644
Slotted Mud Joint	2 7/8			1	31	4675
	2 3/8					4675

Rod Description		Run Date		Comment	
Rod String		7/19/2022			
Rod Components					
Item Des	OD (in)	Grade	Jts	Len (ft)	Btm (ft)
Polished Rod	1 1/2	SM	1	26	117
Rod Sub	1	D	3	12	129
Sucker Rod	1	D	63	1575	1704
Sucker Rod	7/8	D	105	2625	4329
Sinker Bar	1 1/2	K	13	325	4654
Tubing Pump	1 3/4		1	5	4659
Gas Anchor	1		1	16	4675

**CURRENT
WELLBORE DIAGRAM**

Current Est. Csg Issue

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 & 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"

Lufkin: C-640D-305-168 SN# L163112G-133715

KB: 3979
GL: 3968
Spud Date: 14002
Compl. Date: 6/6/1938
Deepened and Liner Ran: 5/10/1973
Csg Sq: 7/1/1981

Intermediate Csg.

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

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...

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

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CONDITIONS

Action 166056

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 166056
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	12/16/2022