

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. 30-025-25708
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input 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 CENTRAL VACUUM UNIT
4. Well Location Unit Letter <u>L</u> : <u>1332</u> feet from the <u>S</u> line and <u>1310</u> feet from the <u>W</u> line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>081</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3998 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <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

MorningStar Operating requests approval of the following procedure in response to Violation cGR2414952977:

- Pull pkr and scan injection tbg.
- RIH workstring and bit to cleanout to ~4,570' (top of fish).
- RIH and set inj pkr at ~4,220' (within 100' of top perf at 4,320').
- o We request approval to be able to set pkr up to 3,879'. This is the top of the unitized interval.
- Pump ~2,500gal 15% HCl acid.
- RIH scanned or new inj string.
- Perform MIT test.
- Return well to injection.

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 06/28/2024

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

**CURRENT
WELLBORE DIAGRAM**

Created: 6/23/2005 **By:** GAA
Updated: 4/15/2015 **By:** CJB
Lease: Central Vacuum Unit
Surface Location: 1332 FSL & 1310 FWL
Bottomhole Location: Same
County: Lea **St:** NM
Current Status: Active Injector
Directions to Wellsite: Buckeye, New Mexico

Well No.: 81 **Field:** Vacuum
Unit Ltr: L **Sec:** 36 **TSHP/Range:** 17S-34E
St Lease: B-2146 **API:** 30-025-25708 **Cost Center:** BCT494500
Elevation: 3998' GL **CHVNO:** EP8748

Surface Csg.

Size: 13 3/8"
Wt.: 48#, H-40
Set @: 355'
Sxs cmt: 400
Circ: Yes
TOC: Surface
Hole Size: 17 1/2"

KB: 4010
DF: 4009
GL: 3998
Original Spud Date: 3/3/1979
Original Compl. Date: 4/5/1979
Upper Perf Add: 3/6/1997

Intermediate Csg. #1

Size: 9 5/8"
Wt.: 32#, K-55
Set @: 1500'
Sxs cmt: 800
Circ: Yes
TOC: Surface
Hole Size: 12 1/4"

Intermediate Csg. #2

Size: 7"
Wt.: 23#, K-55
Set @: 2763' ft DV @ 1532'
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"

Perforation detail:

4/5/1979: 4322', 30', 44', 51', 60', 4416', 18', 90', 99', 4509', 18', 25', 74', 79', 91', 97', 4604', 10', 18', 24', 34', 42', 48', 59', 64', 70', 84', 90', 4700', 05' (2 SPF).

Well & Failure History

4-5-1979: **Perf & Acid:** Add perfs @ 2 spf @ 4322', 30', 44', 51', 60', 4416', 18', 90', 99', 4509', 18', 25', 74', 79', 91', 97', 4604', 10', 18', 24', 34', 42', 48', 59', 64', 70', 84', 90', 4700', 05'. Acid with 7500 gls 15% NEA & 400# rock salt & 200# benzoic acid flakes.

2-26-1992: **Clean & Acid:** Cleaned with bailer to 4750'. Acid with 10,000 gls 20% NEFE HCl, 6,000# Rock salt, & 238 ball sealers. 2001/840#

3-6-1997: **Clean, Add perfs, & Acid:** Tag to 4333' and clean with bit to 4723'. Perf @ 2 spf from 4320'-4335'. Acid new perfs with 6,000 gls 15% NEFE HCl. 2971/1116#

7/97: Begin CO2 injection @ est. rate of 3610 mcf/d. Max allowed pressure is 1850 psi. 6432g/1679#

6-2-1999: **Clean:** Tag at 4352'. Clean 3 7/8" bit to 4741'. 1018/1700#

9/6/08: Tag @ 4253'. Couldn't get thru pkr. Pkr @ 4265'.

11/08 **Failed MIT.** Would not hold pressure during test. Repair due 2/16/09.

3/09 Repair, do MIT. Set pkr @ 4264'

3/13: **MIT Repair, Add Perfs & Acid:** CO well and DO cement to 4,798'. Prepping to perf and WS got stuck. Backed off and left 7 joints of tubing & 6 drill collars. Fished, ran free point - cut and pull 6 joints of tubing, attempted to continue to fish. Decided to sidetrack - unable to make window. Re-ran equipment and RTI. Set pkr @ 4,254'.

11/14: **MIT Repair, Fish rope socket @ 4,230':** CO to TOF @ 4,570.

Tubing Strings									
Tubing Description - Production		Planned Run?		Set Depth (MD) (ROTH)		Set Depth (TVD) (ROTH)			
Run Date		Run Job		Pull Date		Pull Job			
11/18/2014		Clean-Out, 11/13/2014							
		09:00							
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ROTH)	Botm (ROTH)
1	TRANSITION NIPPLE	2	1.724	4.70	FBL		0.80	12.0	12.8
1	FIBERLINE TUBING SUB	2	1.724	4.70	FBL		2.12	12.8	14.9
1	FIBERLINE TUBING SUB	2	1.724	4.70	FBL		8.15	14.9	23.1
1	FIBERLINE TUBING SUB	2	1.724	4.70	FBL		10.10	23.1	33.2
134	FIBERLINE TUBING	2	1.724	4.70	FBL		4,208.9	33.2	4,242.2
1	4 1/2" X 2 3/8" ON/OFF TOOL 1.43 F	4	1.430		SS		1.45	4,242.2	4,243.6
1	4 1/2" X 2 3/8" AS1X PACKER	4	1.950	0.00	NP		6.80	4,243.6	4,250.4
1	2 3/8" PUMP OUT PLUG	2	1.990		BARE		0.50	4,250.4	4,250.9

4-1/2" AS1X pkr @ 4,250' (1.43" F Profile w/ O/O Tool)

Perfs 4,320' - 4,705'

TOF 4,570', BOF @ 4,760'

Fish: XO, 6 DC's, string mill, XO, cone buster mill

Tubing Obstruction (Scale, Crimp, Perfs)					
CROSS OVER	3 1/8	4,571.7	4,570.0	3 1/8" X 1 9/16" XO (1.72)	STUCK IN WELL
DRILL COLLARS	3 1/8	4,752.6	4,571.7	6 - 3 1/8" X 1 9/16" DRILL COLLARS (180.78)	STUCK IN WELL
STRING MILL	3 7/8	4,757.3	4,752.6	1 - 3 3/16" X 3 7/8" X 1 1/2" STRING MILL (4.83)	STUCK IN WELL
CROSS OVER	3 1/8	4,758.6	4,757.3	3 1/8" 1 1/2" XO SUB (1.25)	STUCK IN WELL
CONE BUSTER MILL	3 7/8	4,760.3	4,758.6	3 7/8" X 1 1/2" CONE BUSTER MILL (1.77)	STUCK IN WELL

PBTD: 4798' ft
 TD: 4800' ft

5/23/2021: CTCO. Tag 4305 & couldn't get past 4311. Bullhead 2500 gal 15% HCL & shut down overnight. RIH & tag 4305 & couldn't get any deeper. RDMO.

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CONDITIONS

Action 359449

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 359449
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	The packer shall not be set more than 100 ft above the top of the approved- --unitized interval (3858'-4858') by R-5530 and the same size tube shall be replaced as stipulated by the same hearing order.	7/24/2024