

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. 30-025-20249
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>N</u> : <u>990</u> feet from the <u>S</u> line and <u>1650</u> feet from the <u>W</u> line Section <u>25</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number 338
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4005 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"/>	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: ADD PERFORATIONS <input checked="" 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.

MIRU 05/26/2023. Pulled tbg and packer, ran bit and scraper to 5350'.
 Perforated new lower SA from 4654' to 4708', 2 SPF, 62 shots total. Acidized 4654' - 4825'.
 Set CIBP @ 4625' and perf'd new upper SA from 4368' to 4592', 2 SPF, 112 shots total.
 RIH w/workstring and inj packer. Frac'd upper SA perfs. POOH workstring and pkr.
 RIH and drilled out CIBP, cleaned out to ~5265'.
 Installed PU and RIH w/new prod tbg and rod string design.
 RDMO 06/23/2023. RWTP.

BHT will be submitted separately.

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 07/05/2023

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 9/5/23

Conditions of Approval (if any):

CVU 338 (Formerly VGWU #46H)

API No. 30-025-20249

Lease: Central Vacuum Unit
 Well #: **338**
 Field: Central Vacuum Unit
 County: Lea St.: NM
 CHEVNO: FB3735
 API: 30-025-20249
 Status: Active Oil Well

Well Location

990' FSL & 1,650' FWL
 Sec: 25
 Twnshp: 17 S
 Rng: 34 E
 Elevation: 4,013' DF

TA'd Well: 8/4/2006
 Recomplete to CVU-SA: 8/20/2011
 Convert to Flowing: 11/6/2012
 RC TZ and MPZ SA: 6/23/2023

Forland C640D-365-168TH; SN# 0186
 60hP NemaD SN: DZ60-2212-002

12-1/4" Hole
 8-5/8" CSG set @ 1,549'
 CMT w/ 1,177 sks (CIRC to surface)

7-7/8" Hole
 5-1/2" 15.5# CSG set @ 6,798'
 CMT w/ 2,100 sks (TOC @ 1,880')

TOC @ 1,880' (temp. survey)

Perforations

6/05/2023: 4,368' - 4,592' *frac'd*
 5/31/2023: 4,654' - 4,708' *acidized*
 8/20/2011: 4,722-45', 4,764-69', 4,783-89',
 4,810-25'

CIBP @ 5705'

4/6/2006- set OH pkr 6047' and
 casing packer 5637'. Isolating
 San Andres KOP.

Top of Window @ 5,789'

Bottom of Window @ 5,799'

CIBP @ 5,803'

Top Glorieta 5868'

Top Glorieta Marker 5947'

Top Paddock 6002'

New PBTD @ 6,000'

Drilled out CIBP to 6,283'

CIBP @ 6,320'

TD: 6,800'

Tubing - Production set at 4922ftKB on 6/22/2023 07:59									
Set Depth (ft/b)	Comment	Run Date				Pull Date			
4922		6/22/2023							
Item Desc	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ft/b)	Bot (ft/b)		
Tubing	2 7/8	6.40	J-55	4284	135	5	4289		
5-1/2" x 2-7/8" Tbg	4 1/4			3	1	4289	4292		
Anchor Catcher									
Tubing	2 7/8	6.50	J-55	564	18	4292	4856		
Tubing - TK-99	2 7/8		J-55	31	1	4856	4887		
Pump Seating Nipple	2 7/8			1	1	4887	4888		
Tubing Sub	2 7/8	6.50	J-55	4	1	4888	4892		
Poor Boy Gas Anchor (Bull Plugged)	3 1/2	7.70	J-55	30	1	4892	4922		
Rod String on 6/23/2023 07:59									
Rod Description									
Item Desc	OD (in)	Grade	Jts	Len (ft)					
Polished Rod	1 1/2	SM	1	26					
Sucker Rod	7/8	D-90	82	2050					
Sucker Rod	3/4	D-90	94	2350					
Sinker Bar	1 1/2	C	16	400					
Stabilizer Rod	7/8	D	1	4					
RHBO Tool	3/4		1	1					
Rod Insert Pump	1 3/4		1	24					
Gas Anchor	1 1/4		1	20					

4-3/4" Open-Hole Lateral
 8,237' MD; 5,953' TVD

Re-perf: 5,869 - 74'; 5,881 - 5,950'; 5962 - 74'; 5,980 -
 5,988'

Perfs: 5,965 - 74'; 88 - 96'; 6,001 - 28'; 32 - 48'; 58 -
 62'; 6,098 - 6,108'

Squeezed 140 sks into formation (3/23/2000)

Perfs: 6,405 - 6,762' (abandoned)

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CONDITIONS

Action 236370

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 236370
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	9/5/2023