

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address MORNINGSTAR OPERATING LLC, 400 W 7TH ST, FORT WORTH, TX 76102		² OGRID Number 330132
		³ Reason for Filing Code/ Effective Date Post Recomplete RC / 05/23/2023
⁴ API Number 30 - 0 25-30206	⁵ Pool Name VACUUM: GRAYBURG-SAN ANDRES	
	⁶ Pool Code 62180	
⁷ Property Code 331870	⁸ Property Name CENTRAL VACUUM UNIT	
	⁹ Well Number 278	

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	36	17S	34E		1653	S	2309	E	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
195739	PLAINS PIPELINE, LP	O
34019	PHILLIPS 66 COMPANY	O

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
	05/18/2023	6275'	4910'	4691' - 4834' OPEN	
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
20"		16"	400'		825
14 3/4"		11 3/4"	1540'		1300
11"		8 5/8"	4840'		1400
7 7/8"		5 1/2"	6275'		1100
		2 3/8"	4883'		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
* WELL TEST DATA TO BE INCLUDED IN THE C-115 PRODUCTION REPORT (OK per J Wrinkle 5/23/23)					
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Connie Blaylock</i>			OIL CONSERVATION DIVISION		
Printed name: CONNIE BLAYLOCK			Approved by: PATRICIA MARTINEZ		
Title: REGULATORY ANALYST			Title: PETROLEUM SPECIALIST		
E-mail Address: cblaylock@txopartners.com			Approval Date: 8/29/2023		
Date: 05/18/2023		Phone: 817-334-7882			

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. 30-025-30206
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>J</u> : <u>1653</u> feet from the <u>S</u> line and <u>2309</u> feet from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number 278
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3994 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: PERFORM REMEDIAL WORK <input 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"/>		SUBSEQUENT REPORT OF: 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: <u>PB, RECOMPLETE TO SAN ANDRES</u> <input checked="" type="checkbox"/>	
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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 has completed the following procedure to plugback the Glorieta and recomplete in the San Andres:
 MIRU 05/04/2023.

Pulled tubing and ESP. Ran bit and scraper to 5770'. MIRU WLU. Set CIBP @ 5740', capped w/ 35' cement.

Set 2nd CIBP @ 4945', capped w/ 35' cement. Perforated 4691' to 4834' interval, 2 spf, 126 holes.

Ran packer and workstring, set packer @ 4654'. Acidized perfs w/ 6000 gal acid.

Pulled tubing and packer. Ran production tubing. Ran pump and rods.

RDMO 05/12/2023.

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 05/17/2023

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):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT		
								6. Well Number: 278		
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input checked="" type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____										
8. Name of Operator MORNINGSTAR OPERATING LLC							9. OGRID 330132			
10. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102							11. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	36	17S	34E		1653	S	2309	E	LEA
BH:										
13. Date Spudded		14. Date T.D. Reached		15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
						RECOMPLETE: 05/18/2023		3994 GL		
18. Total Measured Depth of Well				19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
				4910' (05/2023)						
22. Producing Interval(s), of this completion - Top, Bottom, Name										
4691' - 4834', GRAYBURG-SAN ANDRES										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
16"				400'		20"		825 SX		
11 3/4"				1540'		11 3/4"		1300 SX		
8 5/8"				4840'		8 5/8"		1400 SX		
5 1/2"				6275'		7 7/8"		1100 SX		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 3/8"	4883'			
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
4691' - 4834', 2 SPF, 126 HOLES						DEPTH INTERVAL				
						AMOUNT AND KIND MATERIAL USED				
						4691 - 4834				
						2 SPF, 126 HOLES, 6000 GALS ACID				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
05/23/2023		* WELL TEST DATA TO BE INCLUDED IN C-115 PRODUCTION RPT (OK per J Wrinkle 5/23/23)								
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							30. Test Witnessed By			
31. List Attachments										
C-104, C-103, WBD										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
							05/12/2023			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Connie Blaylock</i>			Printed Name		Connie Blaylock		Title		Regulatory Analyst	
									Date 05/23/2023	
E-mail Address cblaylock@txopartners.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

**Current
WELLBORE DIAGRAM**

Updated: 5/17/2023

By: JFR

Lease: **CVU #278 (formerly VGWU #88)**
 Surface Location: 1653' FSL & 2309' FEL
 County: Lea
 Current Status:
 Directions to Wellsite: Buckeye, New Mexico

Well No.: 278
 Unit Ltr: J
 St Lease:
 Elevation: 4006'

Field: Vacuum, Grayburg-San Andres
 Sec: 36 TSHP/Range: 17S-34E
 API: 30-025-30206

Surface Csg.

Size: 16"
 Wt.: 75#, J-55
 Set @: 400'
 Sxs cmt: 650 + 175
 Circ: Yes
 TOC: Surface
 Hole Size: 20"

Intermediate Csg.

Size: 11-3/4"
 Wt.: 42#, H-40
 Set @: 1540'
 Sxs Cmt: 1300
 Circ: Yes
 TOC: Surface
 Hole Size: 14 3/4"

Intermediate Csg.

Size: 8-5/8"
 Wt.: 32#, S-80 & K-55
 Set @: 4840'
 Sxs Cmt: 1400 (stg 1-950, stg 2-450)
 Circ: Yes
 DV tool: 1572'
 Hole Size: 11"

Production Csg.

Size: 5-1/2"
 Wt.: 15.5#, J-55
 Set @: 6275'
 Sxs Cmt: 1100 (stg 1-500, stg 2-600)
 Circ: Yes
 DV tool: 4975'
 Hole Size: 7 7/8"

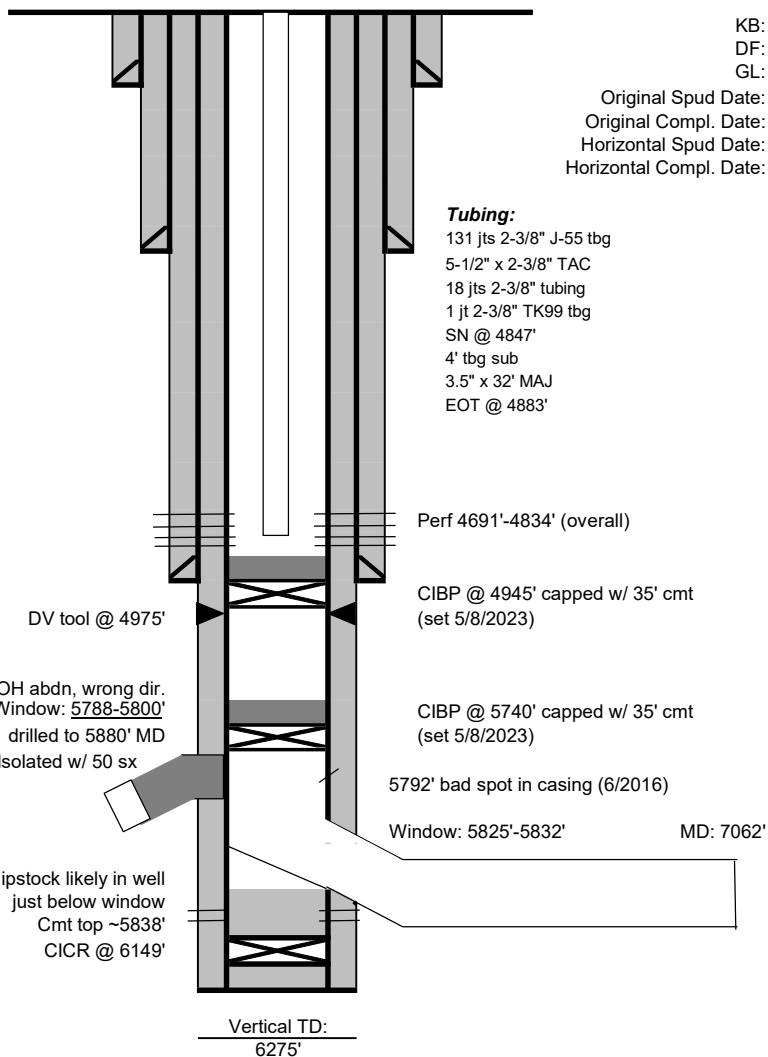
Original Vertical TD: 6275'

Perforations:

6094'-6120'-sqzd
 CR @ 6149', 6180-84'-sqzd

HORIZONTAL INFORMATION

Top of Horizontal Window: 5825'
 Bot of Horizontal Window: 5832'
 Horizontal Drilling Interval: 5826'-7062', Open Hole
 Horizontal TD: 7062'
 TVD: 5930'



District I
1625 N. French Dr., Hobbs, NM 88240
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 219760

ACKNOWLEDGMENTS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 219760
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 219760

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 219760
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/29/2023