

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 & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT
RECOMPLETION

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 RC / 02/24/2023
⁴ API Number 30 - 0 25-31131	⁵ Pool Name VACUUM; GRAYBURG-SAN ANDRES	⁶ Pool Code 62180
⁷ Property Code 331887	⁸ Property Name VACUUM GRAYBURG SAN ANDRES UNIT	⁹ Well Number 358

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	01	18S	34E		604	N	856	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
24650	TARGA MIDSTREAM SERVICES LLC	G
195739	PLAINS PIPELINE, L.P.	O

IV. Well Completion Data

²¹ Spud Date 03/28/1991	²² Ready Date 02/24/2023	²³ TD 6250	²⁴ PBTD 4925	²⁵ Perforations 4241 - 4783	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 3/4	11 3/4	1550	1400		
11	8 5/8	3000	1050		
7 7/8	5 1/2	6300	1375		
	2 7/8				

V. Well Test Data

³¹ Date New Oil 02/28/2023	³² Gas Delivery Date 02/28/2023	³³ Test Date 02/28/2023	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 97	³⁹ Water 369	⁴⁰ Gas 552		⁴¹ Test Method P
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: <i>PATRICIA MARTINEZ</i>		
Title: REGULATORY ANALYST			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: cblaylock@txoenergy.com			Approval Date: <i>8/31/2023</i>		
Date: 03/23/2023		Phone: 817-334-7882			

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1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
Well plugged back above horiz track;
BHL the same as the SHL.

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-31131	² Pool Code 62180	³ Pool Name VACUUM; GRAYBURG-SAN ANDRES
⁴ Property Code 331887	⁵ Property Name VACUUM GRAYBURG SAN ANDRES UNIT	⁶ Well Number 358
⁷ OGRID No. 330132	⁸ Operator Name MORNINGSTAR OPERATING LLC	⁹ Elevation 3986 GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	01	18S	34E	1	604	N	856	E	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Connie Blaylock</u> 03/23/2023 Signature Date Printed Name <u>cblaylock@mspartners.com</u> E-mail Address
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

Submit a Copy To Appropriate District
Office
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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

WELL API NO. 30-025-31131
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT
8. Well Number 358
9. OGRID Number 330132
10. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3986 GL

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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator MORNINGSTAR OPERATING LLC	
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102	
4. Well Location Unit Letter <u>A</u> : <u>604</u> feet from the <u>N</u> line and <u>856</u> feet from the <u>E</u> line Section <u>01</u> Township <u>18S</u> Range <u>34E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3986 GL	

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 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: <u>PB / RECOMPLETE</u> <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.

Well has been plugged back (Glorietta pb'd), renamed, and recompleted in the San Andres as of 2/24/2023:

MIRU 02/01/2023. POOH w/tbg and ESP. Set CIBP @ 5775', capped w/35' cement.
Set 2nd CIBP @ 4960', capped w/35' cement. Tested casing - held.
Perforated 4440 - 4783' @ 2 SPF, 280 shots total.
RIH w/pkr and workstring. Acidized perfs, pulled workstring and pkr.
Set CIBP @ 4385'. Perforated 4241 - 4371 @ 2 SPF, 64 shots total.
RIH w/pkr and workstring. Frac'd perfs. Drilled out CIBP @ 4385'.
RIH w/tbg and ESP.
RDMO 02/24/2023.

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 02/24/2023

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 <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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 VACUUM GRAYBURG SAN ANDRES UNIT		
								6. Well Number: <div style="text-align: right;">358</div>		
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 <div style="text-align: center;">MORNINGSTAR OPERATING LLC</div>							9. OGRID <div style="text-align: center;">330132</div>			
10. Address of Operator <div style="text-align: center;">400 W 7TH ST, FORT WORTH, TX 76102</div>							11. Pool name or Wildcat <div style="text-align: center;">VACUUM; GRAYBURG-SAN ANDRES</div>			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	01	18S	34E	1	604	N	856	E	LEA
BH:										
13. Date Spudded 03/28/1991	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce) 02/24/2023		17. Elevations (DF and RKB, RT, GR, etc.) 3986 GR		
18. Total Measured Depth of Well 6250			19. Plug Back Measured Depth 4925			20. Was Directional Survey Made? N		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4241 - 4783 SAN ANDRES										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
11 3/4		42#		1550		14 3/4		1400 SX		
8 5/8		32#		3000		11		1050 SX		
5 1/2		15.5#		6300		7 7/8		1375 SX		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8	4246			
26. Perforation record (interval, size, and number) 4241-4783 2 SPF, 360 Shots Total						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						4241-4371		FRAC W 20/40 WHITE-45,180 #, 20/40 RESIN COATED		
								SAND-45,940 #. 1021 BBLS WATER USE.		
						4440-4783		ACIDIZE W/ 7500 GALS 15% HCL		
28. PRODUCTION										
Date First Production 02/28/2023		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Pumping-sub pump				Well Status (<i>Prod. or Shut-in</i>) Production				
Date of Test 02/28/2023	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 97	Gas - MCF 552	Water - Bbl. 369	Gas - Oil Ratio 5671 SCF/BBL			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 38.1 DEGREES				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD							30. Test Witnessed By			
31. List Attachments C-104C RC. C-103 SUBSQ. C-102. 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: 02/24/2023			
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 Printed Name Connie Blaylock Title Regulatory Analyst Date 03/24/2023 Signature <i>Connie Blaylock</i> E-mail Address cblaylock@txoenergy.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.....

LITHOLOGIC STRATIGRAPHY (as much additional sheet as necessary)				LITHOLOGIC STRATIGRAPHY (as much additional sheet as necessary)			
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

**Current
WELLBORE DIAGRAM**

Created: 3/23/2005 **By:** _____
Updated: 9/6/2022 **By:** JFR
Lease: VGSAU
Surface Location: 604' FNL & 856' FEL
Bottomhole Location: _____
County: Lea **St:** NM
Current Status: Active Oil Producer
Directions to Wellsite: Buckeye, New Mexico

Well No.: 358 **Field:** Vacuum
Unit Ltr: A **Sec:** 1 **TSHP/Range:** 18S-34E
Unit Ltr: _____ **Sec:** _____ **TSHP/Range:** _____
St Lease: B-1733-1 **API:** 30-025-31131
Elevation: 3986' GR

Surface csg

Size: 11-3/4"
Wt.: 42#, H40 14-3/4" hole
Set @: 1550'
Circ: 1400 sx, Circ 300 sx

Intermediate Casing

Size: 8-5/8"
Wt.: 32
Set @: 3000
Sxs cmt: 1050 (DV @ 1565')
Circ: 315 sx
TOC: Surface
Hole Size: 11"

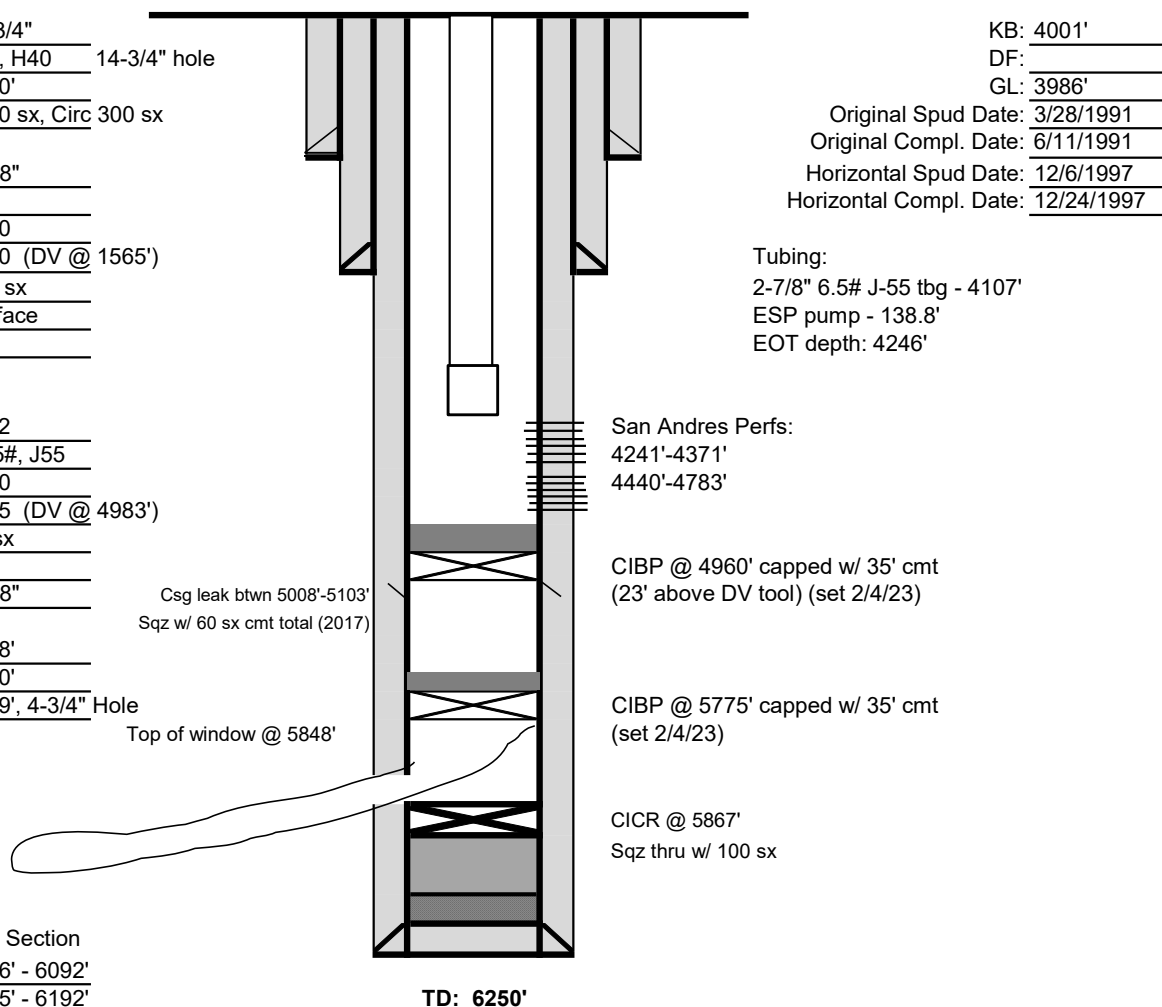
Production Casing

Size: 5 1/2
Wt.: 15.5#, J55
Set @: 6300
Sxs Cmt: 1375 (DV @ 4983')
Circ: 90 sx
TOC: surf
Hole Size: 7-7/8"

Top of Horizontal Window: 5848'
Bot of Horizontal Window: 5860'
Horizontal TD: 7459', 4-3/4" Hole

Perforations

Open Hole Completion in Horizontal Section
 (abandoned/sqzd) 5956' - 6092'
 (abandoned/sqzd) 6145' - 6192'



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

ACKNOWLEDGMENTS

Action 200528

ACKNOWLEDGMENTS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 200528
	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.

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Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 200528

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 200528
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/31/2023