

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

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT

RE-ENTERED ABO, DHC

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 RT (RE-ENTERED) / 03/20/2023	
⁴ API Number 30 - 0 25-03103	⁵ Pool Name VACUUM; ABO REEF		⁶ Pool Code 61780
⁷ Property Code 331882	⁸ Property Name STATE AN		⁹ Well Number 003

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
G	07	18S	35E		1650	N	2310	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
159160	VERSADO GAS PROCESSORS, LLC	G
195739	PLAINS PIPELINE, L.P.	O

IV. Well Completion Data

²¹ Spud Date	²² Ready Date 03/20/2023	²³ TD 8983'	²⁴ PBTD 8197'	²⁵ Perforations 8262' - 8879'	²⁶ DHC, MC DHC 5223
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/4		13 3/8	334'		350 SX
11		8 5/8	3300"		1600 SX
7 7/8		5 1/2	8983'		750 SX
		2 7/8	8568'		

V. Well Test Data

³¹ Date New Oil 03/20/23	³² Gas Delivery Date 03/20/23	³³ Test Date 04/05/23	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 50	³⁶ Csg. Pressure 100
³⁷ Choke Size OPEN	³⁸ Oil 25 BBLS	³⁹ Water 126 BBLS	⁴⁰ Gas 1 MCF		⁴¹ Test Method ROD PUMP

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> Printed name: CONNIE BLAYLOCK Title: REGULATORY ANALYST E-mail Address: CBLAYLOCK@TXOPARTNERS.COM Date: 08/10/2023	OIL CONSERVATION DIVISION <i>Dean R McIlhure</i> Approved by:	
	Title: Petroleum Engineer	
	Approval Date: 08/16/2023	
	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. 30-025-03103
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 STATE AN
4. Well Location Unit Letter <u>G</u> : <u>1650</u> feet from the <u>N</u> line and <u>2310</u> feet from the <u>E</u> line Section <u>07</u> Township <u>18S</u> Range <u>35E</u> NMPM County <u>LEA</u>		8. Well Number 003
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3970 GL		9. OGRID Number 330132
		10. Pool name or Wildcat VACUUM; ABO, VACUUM; BLINEBRY

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>RE-ENTER ABO, DHC</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.

MorningStar has completed the following procedure to DHC the Abo and Blinebry (DHC Order 5223):

1. MIRU 3/3/23
2. POOH w/ rods and pump. POOH w/ tbg
3. PU bit and cleaned out fill and drilled out CIBP @ 6700'. Continued in hole to TOC of next plug
4. Drilled out cement and CIBP @ 8197'. Clean out to 8900' and circ hole clean. POOH w/ bit
5. PU and RIH w/ pkr. Spot 625 gals 15% NEFE HCL across Abo perms. Set pkr. Pumped 5,000 gals 15% NEFE HCL into perms 8262'-8879'.
6. Released packer and POOH.
7. PU production tubing and RIH. RIH w/ rods and pump.
8. RR 3/20/23

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 08/04/2023

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								1. WELL API NO. <div style="text-align: right;">30-025-03103</div>		
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 <div style="text-align: center;">STATE AN</div>		
								6. Well Number: <div style="text-align: center;">003</div>		
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER RE-ENTRY										
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; ABO REEF</div>				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	G	07	18S	35E		1650	N	2310	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.)		3970 GL
				03/20/2023		03/20/2023				
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
8983'			8197'							
22. Producing Interval(s), of this completion - Top, Bottom, Name										
ABO: 8262 - 8879'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		36#		334'		17 1/4"		350 SX		
8 5/8"		24#		3300"		11"		1600 SX		
5 1/2"		15.5 & 17#		8983'		7 7/8"		750 SX		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2 7/8"	8568'				
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
5836' - 6348' 8262' - 8879'						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						5836' - 6348'		625 gals 15% NEFE HCl		
						8262' - 8879'		5000 gals 15% NEFE HCl		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
03/20/2023		ROD PUMP				PRODUCING				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
04/05/2023	24	OPEN		25	1	126	40 scf/bbl			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
50	100		25	1	126	39				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
SOLD										
31. List Attachments										
C-104C Re-Entry, C-103T, 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:		
								03/20/2023		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
<div style="display: flex; justify-content: space-between;"> Latitude _____ Longitude _____ NAD83 </div>										
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		Title		Regulatory Analyst		Date 08/10/2023
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

WELLBORE DIAGRAM**State AN #3****LOCATION**

State	New Mexico
County	Lea
Surface Location	1650 FNL, 2310 FEL
	Sec 7, R-35E, T-18S
	Unit G

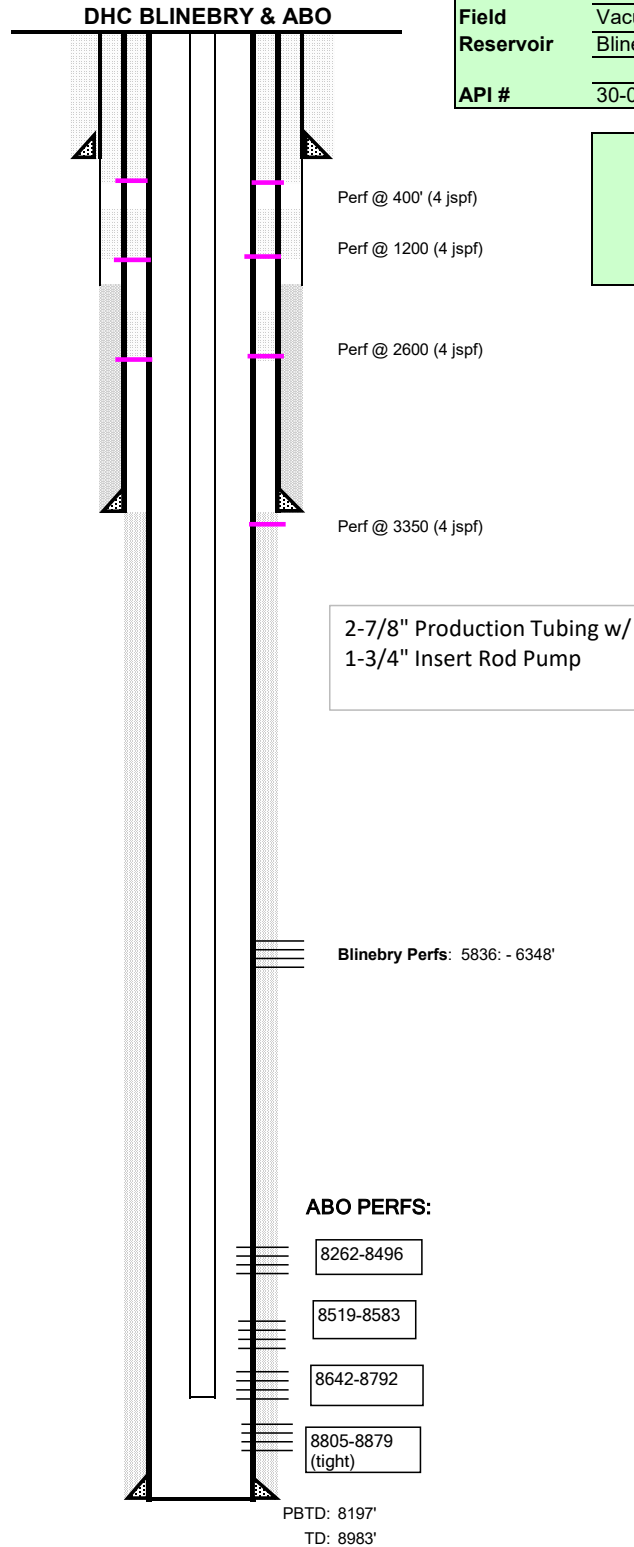
CASING DETAIL

Surface Csg.	
Size:	13-3/8"
Wt.:	36#
Set @:	334'
Sxs cmt:	350sx
TOC:	Surface
Hole Size:	17-1/4"
Intermediate Csg.	
Size:	8-5/8"
Wt.:	24# & 32# J-55
Set @:	3300'
Sxs Cmt:	1600sx
TOC:	1650' (temp survey)
Hole Size:	11"
Production Csg.	
Size:	5-1/2"
Wt.:	15.5 & 17#
Set @:	8983'
Sxs Cmt:	750sx
TOC:	3300' (temp survey)
Hole Size:	7-7/8"

WELL ID INFORMATION

Lease Name	State AN #3
Field	Vacuum
Reservoir	Blinebry
API #	30-025-03103

KB:	3982'
DF:	3981'
GL:	3970'
Spud Date:	3/24/1962
Compl. Date:	5/12/1962
P&A Date:	1/12/2005



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 252829

ACKNOWLEDGMENTS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 252829
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 252829

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 252829
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	8/16/2023