

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

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 - RECOMPL TO NEW ZONE / 10/06/2022
⁴ API Number 30 - 0 25-03105	⁵ Pool Name WC-025G-06 S183518A; BONE SPRING	⁶ Pool Code 97930
⁷ Property Code 331882	⁸ Property Name STATE AN	⁹ Well Number 5

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	7	18S	35E		2310	S	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
24650	TARGA MIDSTREAM SERVICES LLC	G
37480	EOTT ENERGY PIPELINE LP	O

IV. Well Completion Data

²¹ Spud Date 06/19/1962	²² Ready Date 09/23/2022	²³ TD 9100	²⁴ PBTD 6600	²⁵ Perforations 6194 - 6434	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
		13 3/8	317		285
		8 5/8	3325		1700
		5 1/2	9100		400
		2 7/8	6460		

V. Well Test Data

³¹ Date New Oil 10/06/2022	³² Gas Delivery Date 10/06/2022	³³ Test Date 10/14/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 350	³⁶ Csg. Pressure 45
³⁷ Choke Size	³⁸ Oil 45 BOPD	³⁹ Water 287 BWPD	⁴⁰ Gas 10 MCFPD		⁴¹ Test Method PUMPING

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: John Garcia	
Title: Regulatory Analyst		Title: Petroleum Engineer	
E-mail Address: cblaylock@mspartners.com		Approval Date:	
Date: 10/06/2022	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
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 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. 30-025-03105
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>J</u> : <u>2310</u> feet from the <u>S</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 5
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3977' DF		9. OGRID Number 330132
		10. Pool name or Wildcat WC-025 G-06 S183518A; BONE SPRING

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: RECOMPLETION <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 05/10/2022. POOH w/rods and tubing. Set CIBP.
- Perforated 6194'-6434' @ 2 SPF (64 shots total).
- RIH with packer. Acidized perfs w/2000 gals 15% NEFE HCl.
- Frac'd perfs w/4549 bbls frac fluid and 203,140# sand. Flowed back, released packer and POOH.
- RIH w/production tubing and rods to test production. RDMO 05/27/2022.
- MIRU 07/29/2022. POOH w/rods and tubing. Drilled out CIBP. RIH on wireline and set CIBP @ 8400.
- PU 2nd CIBP and set @ 6600'. Tested under pkr. Dumped 3 bags sand on top of CIBP.
- RIH w/cmt retainer and tubing and set retainer at 6170'. Squeezed perfs w/54 bbls Class C cement. WOC.
- Drilled out cement and CICR. Re-perf'd Blinbry 6194'-6434' @ 2 SPF (64 shots total). RIH w/pkr and set at 6040'. Acidized perfs w/10,000 gals 15% NEFE HCl. Released pkr and POOH. RIH w/ prod tbg and rods. RWTP. RDMO 09/23/2022.

Spud Date:

06/19/1992

Rig Release Date:

09/23/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Connie Blaylock TITLE REGULATORY TECH DATE 10/03/2022

Type or print name CONNIE BLAYLOCK E-mail address: cblaylock@mspartners.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;">30-025-03105</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 STATE AN			
							6. Well Number: <div style="text-align: center;">5</div>			
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input 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;">WC-025 G-06 S183518A; BONE SPRING</div>				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	07	18S	35E		2310	S	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.)		
06/19/1992			09/23/2022			09/23/2022		3977 DF		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
9100'			6600'			NO		NO		
22. Producing Interval(s), of this completion - Top, Bottom, Name 6194' - 6434' BONE SPRING										
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		48#		317'				285 SX		
8 5/8		32#, 24#		3325'				1700 SX		
5 1/2		15.5#, 17#		9100'				400 SX PLUS DIACEL		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2 7/8	6460				
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
6194' - 6434', 2 SPF, 64 SHOTS TOTAL (squeezed and reperfed same perfs)						DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
CLOSED: Abo perfs (vertical) 8710'-8973', Lateral - Window @ 8478'-8484 TVD, Lateral @ 9478'-9882' MD.						6194 - 6434 2 SPF; ACIDIZED W/2000 GALS 15% NEFE HCL				
						FRAC'D W/4549 BBLS FRAC FLUID AND 203,140 #				
						SAND. RE-PERFS ACIDIZED W/10,000 GALS 15% NEFE HCL.				
28. PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>)				
10/06/2022		PUMPING				PRODUCING				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
10/14/2022	24			45	10	287	222 SCF/BBL			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
350	45		45	10	287	38.6 degrees				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)							30. Test Witnessed By			
SOLD										
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
							09/23/2022			
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 10/20/2022	
E-mail Address cblaylock@mspartners.com			Connie Blaylock							

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

Location: 2,310' FSL & 2,310' FEL Sec: 7
County: Lea State: NM

Township: 18S Range: 35E
API: 30-025-03105

DF: 3,977'
GL:
Spud Date: 6/19/1962
Horiz Spud: 12/20/2000

Surface Csg

Size: 13-3/8"
Wt & Thrd: 48#
Grade: H-40
Set @: 317'
Sx Cmt: 285
Circ: yes
TOC:

Intermediate Casing

Size: 8-5/8"
Wt & Thrd: 32# & 24#
Grade: J-55
Set @: 3,325'
Sx Cmt: 1,700
Circ: yes
TOC:

2014 - Cement Squeeze 1,776' - 1,780' w/ 400 sx

Tubing :
2-7/8" tbg
EOT @ 6,460'

Rods (09/23/22):
Fiberglass & Steel rods w/ 1.75" insert pump

Perfs (05/17/2022) - 64 SHOTS: (Squeezed
08/08/22) (Re-perfed SAME 9/20/22)
6,194' - 6,434'

CIBP @ 6,600'

CIBP @ 8,400'

Abo Lateral (2000)
Window: 8,478' - 8,484' MD: 9882'

Production Casing

Size: 5-1/2"
Wt & Thrd: 15.5# & 17#
Grade: J-55
Set @: 9,100'
Sx Cmt: 400 sx plus Diacel
Circ:
TOC: 3264' by TS

Abo Perfs:
8710' - 70'
8837' - 65'
8870' - 8914'
8948' - 73'

PBTD: 9,048'
TD: 9,100'

District I
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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

ACKNOWLEDGMENTS

Action 153268

ACKNOWLEDGMENTS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 153268
	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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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 153268

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 153268
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/3/2022