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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person * <u>McMullen William Wallace</u> <hr/> (Last) (First) (Middle) 14201 WIRELESS WAY, SUITE 300 <hr/> (Street) OKLAHOMA OK 73134 <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MACH NATURAL RESOURCES LP [MNR]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) See Remarks
	3. Date of Earliest Transaction (Month/Day/Year) 12/10/2024	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Units	12/10/2024		P		65,000	A	\$14.83 ⁽¹⁾	68,291,633	I	Held by BCE-Mach Aggregator LLC ⁽⁴⁾
Common Units	12/11/2024		P		125,000	A	\$14.99 ⁽²⁾	68,416,633	I	Held by BCE-Mach Aggregator LLC ⁽⁴⁾
Common Units	12/12/2024		P		146,758	A	\$15.01 ⁽³⁾	68,563,391	I	Held by BCE-Mach Aggregator LLC ⁽⁴⁾

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

1. Name and Address of Reporting Person * <u>McMullen William Wallace</u> <hr/> (Last) (First) (Middle) 14201 WIRELESS WAY, SUITE 300 <hr/> (Street) OKLAHOMA CITY OK 73134 <hr/> (City) (State) (Zip)		
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1. Name and Address of Reporting Person *		
BCE-Mach Aggregator LLC		
(Last)	(First)	(Middle)
C/O BAYOU CITY ENERGY, L.P. 1201 LOUISIANA STREET SUITE 3308		
(Street)		
HOUSTON	TX	77002
(City) (State) (Zip)		

1. Name and Address of Reporting Person *		
BAYOU CITY ENERGY MANAGEMENT LLC		
(Last)	(First)	(Middle)
C/O BAYOU CITY ENERGY, L.P. 1201 LOUISIANA STREET SUITE 3308		
(Street)		
HOUSTON	TX	77002
(City) (State) (Zip)		

Explanation of Responses:

1. The price reported in Column 4 is a weighted average price. These common units were purchased in multiple transactions at prices ranging from \$14.72 to \$15.00, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of common units purchased at each separate price within the ranges set forth in this footnote (1) to this Form 4.
2. The price reported in Column 4 is a weighted average price. These common units were purchased in multiple transactions at prices ranging from \$14.67 to \$15.15, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of common units purchased at each separate price within the ranges set forth in this footnote (2) to this Form 4.
3. The price reported in Column 4 is a weighted average price. These common units were purchased in multiple transactions at prices ranging from \$14.61 to \$15.25, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of common units purchased at each separate price within the ranges set forth in this footnote (3) to this Form 4.
4. BCE-Mach Aggregator LLC is indirectly managed by Bayou City Energy Management LLC ("BCEM"). William W. McMullen is the Managing Partner of BCEM. Each of BCEM and Mr. McMullen (by virtue of his relationship with BCEM) may be deemed to indirectly beneficially own (as that term is defined in Rule 13d-3 under the Act) the common units which BCE-Mach Aggregator LLC beneficially owns. Mr. McMullen disclaims beneficial ownership of such common units except to the extent of his pecuniary interest therein.

Remarks:

The Reporting Person is a Director of Mach Natural Resources GP LLC, the general partner of the Issuer (the "General Partner"). The Issuer is managed by the directors and executive officers of the General Partner.

[BCE-Mach Aggregator LLC, By:](#)
[/s/ William W. McMullen, Name:](#) 12/12/2024
[William W. McMullen, Title:](#)
[Authorized Signatory](#)
[Bayou City Energy Management](#)
[LLC, By: /s/ William W.](#)
[McMullen, Name: William W.](#) 12/12/2024
[McMullen, Title: Managing](#)
[Partner](#)
[William W. McMullen, By: /s/](#)
[William W. McMullen](#) 12/12/2024
 ** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.