

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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Estimated average burden  
hours per response: 0.5

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).

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.

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

1. Name and Address of Reporting Person* <u>McMullen William Wallace</u>  (Last) (First) (Middle) <u>14201 WIRELESS WAY</u> <u>SUITE 300</u>  (Street) <u>OKLAHOMA CITY OK 73134</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MACH NATURAL RESOURCES LP [ MNR ]</u>  3. Date of Earliest Transaction (Month/Day/Year) <u>08/11/2025</u>  4. If Amendment, Date of Original Filed (Month/Day/Year)	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)  <u>See Remarks</u>  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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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	08/11/2025		P		3,085 <sup>(1)</sup>	A	\$14.39	74,816,024 <sup>(2)</sup>	I	See footnote <sup>(2)</sup>

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	Title	Amount or Number of Shares				

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

1201 LOUISIANA STREET SUITE 3308		
(Street)		
HOUSTON	TX	77002
(City)		
(State)		
(Zip)		

Explanation of Responses:

1. These common units were purchased by Bayou City Energy Management LLC ("BCEM").
2. After the reported transactions, the reported common units are directly held 74,805,939 by BCE-Mach Aggregator LLC ("BCE Aggregator") and 10,085 by BCEM. BCE Aggregator is indirectly managed by BCEM. William W. McMullen is the Managing Partner of BCEM. Accordingly, each of the Reporting Persons may be deemed to beneficially own the securities directly held by BCE Aggregator and BCEM, as applicable, but disclaim beneficial ownership of such common units except to the extent of their respective 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: 08/12/2025  
William W. McMullen, Title:  
Authorized Signatory.  
Bayou City Energy Management  
LLC, By: /s/ William W.  
McMullen, Name: William W. 08/12/2025  
McMullen, Title: Managing  
Partner  
William W. McMullen, By: /s/ 08/12/2025  
William W. McMullen  
\*\* 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.