SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 2)

Mach Natural Resources LP

(Name of Issuer)

COMMON UNITS

(Title of Class of Securities)

55445L100

(CUSIP Number)

09/15/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☐ Rule 13d-1(b)
- ☑ Rule 13d-1(c)
- ☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP Number(s):	55445L100

1	**Names of Reporting Persons** KAYNE ANDERSON CAPITAL ADVISORS, L.P.
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)
3	**Sec Use Only**
4	**Citizenship or Place of Organization**

	DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 7,517,713.00
	6	Shared Voting Power 0.00
	7	Sole Dispositive Power 7,517,713.00
	8	Shared Dispositive Power 0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 7,517,713.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐	
11	Percent of class represented by amount in row (9) 4.50 %	
12	Type of Reporting Person (See Instructions) IA	

SCHEDULE 13G

Item 1.

(a) **Name of issuer:**

Mach Natural Resources LP

(b) **Address of issuer's principal executive offices:**

14201 Wireless Way, Suite 300, Oklahoma City, OK 73134

Item 2.

(a) **Name of person filing:**

Kayne Anderson Capital Advisors, L.P.

(b) **Address or principal business office or, if none, residence:**

2121 Avenue of the Stars, Ninth Floor
Los Angeles, CA 90067

(c) **Citizenship:**

Kayne Anderson Capital Advisors, L.P. is a Delaware limited partnership

(d) **Title of class of securities:**

COMMON UNITS

(e) **CUSIP No.:**

55445L100

Item 3. **If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**

(a) ☐ **Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);**

(b) ☐ **Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);**

(c) ☐ **Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);**

(d) ☐ **Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);**

(e) ☑ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

(f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);

(g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J),
please specify the type of institution:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

Kayne Anderson Capital Advisors, L.P. Managed Accounts 7,517,713

(b) Percent of class:

4.50%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

7,517,713

(ii) Shared power to vote or to direct the vote:

0

(iii) Sole power to dispose or to direct the disposition of:

7,517,713

(iv) Shared power to dispose or to direct the disposition of:

0

Item 5. Ownership of 5 Percent or Less of a Class.

☑ Ownership of 5 percent or less of a class

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

KAYNE ANDERSON CAPITAL ADVISORS, L.P.

Signature: **/S/ MICHAEL O'NEIL**
Name/Title: **Michael O'Neil, Chief Compliance Officer**
Date: **11/10/2026**

Exhibit 99.1

United States
Securities and Exchange Commission

Schedule 13G
(cover page)
Mach Natural Resources LP(Issuer)
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Box 9. The reported units are held by Sabinal Energy Operating, LLC, a portfolio company of a private investment fund managed by Kayne Anderson Capital Advisors, L.P. The private investment fund is managed, with discretion to purchase or sell securities, by Kayne Anderson Capital Advisors, L.P. (or a controlled affiliate thereof), as a registered investment adviser.

Kayne Anderson Capital Advisors, L.P. is the general partner (or general partner of the general partner) of limited partnerships and investment adviser to other accounts. Kayne Anderson Capital Advisors, L.P. disclaims beneficial ownership of the units reported, except those units attributable to it by virtue of its general partner interest in the limited partnership.

UNDERTAKING

The undersigned agrees to file the attached Statement of Beneficial Ownership on Schedule 13G with the U.S. Securities Exchange Commission and Mach Natural Resources LP.

Dated: November 10, 2026

KAYNE ANDERSON CAPITAL ADVISORS, L.P.

By: Kayne Anderson Investment Management, Inc.

By: /S/ MICHAEL O'NEIL

Michael O'Neil, Chief Compliance Officer