



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

DIVISION OF  
CORPORATION FINANCE

September 25, 2025

Tom L. Ward  
Chief Executive Officer  
Mach Natural Resources LP  
14201 Wireless Way, Suite 300  
Oklahoma City, OK 73134

**Re: Mach Natural Resources LP  
Registration Statement on Form S-3  
Filed September 22, 2025  
File No. 333-290448**

Dear Tom L. Ward:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Karina Dorin at 202-551-3763 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Energy & Transportation