



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

DIVISION OF  
CORPORATION FINANCE

Mail Stop 4628

October 6, 2017

Kyle N. Roane  
Executive Vice President, General  
Counsel and Corporate Secretary  
WildHorse Resource Development Corporation  
9805 Katy Freeway, Suite 400  
Houston, TX 77024

**Re: WildHorse Resource Development Corporation  
Registration Statement on Form S-4  
Filed September 29, 2017  
File No. 333-220744**

Dear Mr. Roane:

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 Jerard Gibson, Staff Attorney, at (202) 551-3473 with any questions.

Sincerely,

/s/ Loan Lauren P. Nguyen *for*

H. Roger Schwall  
Assistant Director  
Office of Natural Resources

cc: Douglas E. McWilliams  
Michael S. Telle  
Vinson & Elkins L.L.P.