



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.