



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

DIVISION OF  
CORPORATION FINANCE

Mail Stop 4628

April 12, 2017

Teresa L. Dick  
Senior Vice President and Chief Financial Officer  
Diamondback Energy, Inc.  
500 West Texas, Suite 1200  
Midland, TX 79701

**Re: Diamondback Energy, Inc.  
Form 10-K for the Fiscal Year ended December 31, 2016  
Filed February 15, 2017  
File No. 1-35700**

Dear Ms. Dick:

We have completed our review of your filing. 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.

Sincerely,

/s/ Karl Hiller

Karl Hiller  
Branch Chief  
Office of Natural Resources