



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

DIVISION OF  
CORPORATION FINANCE

Mail Stop 4628

August 14, 2015

Stanton E. Ross  
President and Chief Executive Officer  
Infinity Energy Resources, Inc.  
11900 College Blvd., Suite 310  
Overland Park, KS 66210

**Re: Infinity Energy Resources, Inc.  
Form 10-K for Fiscal Year Ended December 31, 2014  
Filed February 4, 2015  
File No. 000-17204**

Dear Mr. Ross:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/H. Roger Schwall

H. Roger Schwall  
Assistant Director  
Office of Natural Resources