Parsley Energy, Inc. Form 8-K January 26, 2017

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

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934 Date of Report (Date of earliest event reported): January 26, 2017

PARSLEY ENERGY, INC. (Exact Name of Registrant as Specified in its Charter)

Delaware001-36463(State or Other Jurisdiction of
Incorporation)(Commission
File Number)

46-4314192 (IRS Employer Identification Number)

303 Colorado Street, Suite 3000 Austin, Texas 78701

(Address of Principal Executive Offices) (Zip Code)

(737) 704-2300 (Registrant's Telephone Number, Including Area Code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

oWritten communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

oPre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) oPre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

1

Item 7.01. Regulation FD Disclosure.

On January 26, 2017, Parsley Energy, Inc. (the "Company") posted a new investor presentation to its website. The investor presentation may be viewed on the Company's website (www.parsleyenergy.com) by selecting "Investor Relations," then "Events & Presentations."

The information in this Item 7.01 shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, and is not incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized. PARSLEY ENERGY, INC.

By: /s/ Colin Roberts Colin Roberts Executive Vice President—General Counsel

Dated: January 26, 2017

3