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): February 25, 2014

REXFORD INDUSTRIAL REALTY, INC.

(Exact name of registrant as specified in its charter)

Maryland

(State or other jurisdiction of incorporation)

001-36008

(Commission File Number)

46-2024407

(IRS Employer Identification No.)

11620 Wilshire Boulevard, Suite 1000, Los Angeles, California

(Address of principal executive offices)

90025 (Zip Code)

Registrant's telephone number, including area code: (310) 966-1680

N/A

(Former name or former address, if changed since last report.)

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 (see General Instructions A.2.):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

ITEM 7.01 REGULATION FD DISCLOSURE

One or more representatives of Rexford Industrial Realty, Inc. (the "Company") will attend the Wells Fargo Securities Annual Real Estate Securities Conference in New York, NY on February 26-27, 2014, and will meet with various current and potential investors, analysts and other industry professionals. Copies of the materials to be presented in connection with the conference are available through the Company's website at ir.rexfordindustrial.com.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto authorized.

Rexford Industrial Realty, Inc.

February 25, 2014

/s/ MICHAEL S. FRANKEL

Michael S. Frankel Co-Chief Executive Officer (Principal Executive Officer)