FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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| OMB APP | ROVAL |
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* Lanzer David E. (Last) (First) (Middle) 11620 WILSHIRE BLVD SUITE 1000 | | | | | 3. D 03/ | Issuer Name and Ticker or Trading Symbol Rexford Industrial Realty, Inc. [REXR] Date of Earliest Transaction (Month/Day/Year) 03/01/2018 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title Other (specify below) General Counsel 6. Individual or Joint/Group Filing (Check Applicable | | | | | |
|---|---|--|------------------|---|--|---|---------------------------|-----------|------|---|---|---|--------------|-------------------------------------|---|--|---|---|--|--|
| (Street) LOS ANGELES CA 90025 (City) (State) (Zip) | | | | | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Trans. Date (Month/I | | | | | 2A. Deemed Execution D if any (Month/Day) | | n Date, | | | | | | 3, 4 a | 4 and Secur Bene Owne Repo | | cially I Following ted | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| Common Stock, parvalue \$0.01 | | | | | 03/01/2018 | | | | Code | V | Amount 750(1 | _ | (D) | Price | | (Instr. | Transaction(s) Instr. 3 and 4) | | D | |
| Common | Common Stock, par value \$0.01 03/01/2018 F 750(1) D \$27.2 12,914 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | vative Conversion Date Execution or Exercise (Month/Day/Year) if any | | Date, y/Year) | 4. Transaction Code (Instr. 8) | | of Deriving Security (A) of Disposor (D) | r osed) r. 3, 4 | Expiratio | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) Amoun or Numbe of Title Shares | | ount nber | - | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | | .0. Ownership Form: Direct (D) or Indirect I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |

Explanation of Responses:

1. Represents Common Stock surrendered to the Issuer as payment of tax withholding due upon vesting of 2,171 shares of restricted common stock on March 1, 2018.

Remarks:

/s/ David E. Lanzer

03/02/2018

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.