FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |           |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |  |

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 Nome on  | d Addross of                               | Donorting Doroon* |            |   | 2 15  | suer | Name a   | nd Tick  | er or Tra         | dina 9 | Symbol  |       |   | 5   | Rela  | tionshi  | n of Renortin   | ng Person(s) to  | Issuer           |  |  |
|--|--|-------------------|------------|---|---|------|--|--|-------------------|--------|---|-------|---|---|-------|--|---|--|------------------|--|--|
| Name and Address of Reporting Person*     ANTIN ROBERT L   |  |                   |            | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Rexford Industrial Realty, Inc. [ REXR ] |   |      |  |  |                   |        |   |       | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |   |       |  |   |  |                  |  |  |
| ANTIN ROBERT L   |  |                   |            |   |   |      |  |  |                   |        |   |       |   | X   | Direc | ctor   | 10%   | Owner  |                  |  |  |
| (Last) (First) (Middle) 11620 WILSHIRE BOULEVARD   |  |                   |            |   | 3. Date of Earliest Transaction (Month/Day/Year) 05/23/2017 |      |  |  |                   |        |   |       |   |   |       | Office<br>below                                | er (give title<br>v)  | Othe<br>belov  | r (specify<br>v) |  |  |
| SUITE 1000   |  |                   |            |   |   |      |  |  |                   |        |   |       |   | _   |       |  |   |  |                  |  |  |
|  |  |                   |            | 4. If   | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |      |  |  |                   |        |   |       |   | 6. Individual or Joint/Group Filing (Check Applicable Line) |       |  |   |  |                  |  |  |
| (Street)   |  |                   |            |   |   |      |  |  |                   |        |   |       |   |   | X     | Form   | n filed by One  | e Reporting Pe   | rson             |  |  |
| LOS AN   | GELES C.                                   | A 9               | 90025      |   |   |      |  |  |                   |        |   |       |   |   |       | Form   | n filed by Moi  | re than One Re   | porting          |  |  |
|  |  |                   |            |   |   |      |  |  |                   |        |   |       |   |   |       | Pers   | on  |  |                  |  |  |
| (City)   | (S   | tate) (           | (Zip)      |   |   |      |  |  |                   |        |   |       |   |   |       |  |   |  |                  |  |  |
|  |  | Tab               | le I - Nor | า-Deriv   | ative   | Se   | curitie  | s Acq  | uired,            | Dis    | posed o   | f, or | r Bene  | efici   | ally  | Owne   | ed  |  |                  |  |  |
| 1. Title of Security (Instr. 3)  2. Trans Date (Month/I  |  |                   |            |   | Exec<br>Day/Year) if an                                     |      | A. Deemed<br>execution Date,<br>any<br>Month/Day/Year) |  |                   |        | ties Acquired (A)<br>d Of (D) (Instr. 3, 4  |       |   | 4 and Sec<br>Ber<br>Ow                                      |       | ount of<br>ties<br>cially<br>I Following       | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                |                  |  |  |
|  |  |                   |            |   |   |      |  |  | Code              | v      | Amount  |       | (A) or<br>(D)   | Price   | •     | Reported<br>Transaction(s)<br>(Instr. 3 and 4) |   |  | (Instr. 4)       |  |  |
| Common Stock, par value \$0.01   |  |                   |            | 05/23/2017  |   |      |  |  | A                 |        | 2,637 <sup>(1)</sup> A  |       | A   | \$0.  | .00   | 29,611   |   | D  |                  |  |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |                   |            |   |   |      |  |  |                   |        |   |       |   |   |       |  |   |  |                  |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 3. Transaction<br>Date<br>(Month/Day/Year) | Execution         |            | Date, Transacti   |   |      |  | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                   |        | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |       | str. 3  | 8. Price<br>Derivati<br>Security<br>(Instr. 5               |       | derivative Securities                          | Ownershi<br>Form:<br>Direct (D)<br>or Indirec<br>(I) (Instr. 4    | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                  |  |  |
|  |  |                   |            |   | Code  | v    | (A)  |  | Date<br>Exercisal |        | Expiration<br>Date  | Title | or<br>Nun<br>of   | ount<br>nber<br>res   |       |  |   |  |                  |  |  |

## **Explanation of Responses:**

1. Represents shares of restricted common stock issued to the Reporting Person pursuant to the Rexford Industrial Realty, Inc. Non-Employee Director Compensation Program, which will vest in full on the earlier of (i) the date of the annual meeting next following the grant date and (ii) the first anniversary of the grant date (May 23, 2018), subject to the Reporting Person's continued service.

## Remarks:

/s/ Cher Riban, as attorney-infact 05/25/2017

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.