

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

1. Name and Address of Reporting Person* <u>Frankel Michael S.</u> (Last) (First) (Middle) 11620 WILSHIRE BOULEVARD, SUITE 300 (Street) LOS ANGELES CA 90025 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Rexford Industrial Realty, Inc. [NSYE: REXR]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Co-CEO, Co-President
	3. Date of Earliest Transaction (Month/Day/Year) 07/24/2013	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, par value \$0.01	07/24/2013		D ⁽¹⁾		100	D	\$1	0	D	
Common Stock, par value \$0.01	07/24/2013		J ⁽²⁾		2,110	A	\$14	2,110	D	
Common Stock, par value \$0.01	07/24/2013		P ⁽³⁾		14,754	A	\$14	16,864	D	
Common Stock, par value \$0.01	07/24/2013		A ⁽⁴⁾		285,715	A	\$0.00	302,579	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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Operating Partnership Units ⁽⁵⁾	(6)	07/24/2013		J ⁽⁷⁾		668,035		09/24/2014	(8)	Common Stock, par value \$0.01	668,035	(7)	668,035	D	

Explanation of Responses:

- Represents shares of common stock issued in the initial capitalization of Rexford Industrial Realty, Inc. (the "Issuer") that were redeemed by the Issuer at the initial issuance price of \$1.00 per share in a transaction exempt under Rule 16b-3(e).
- Represents shares of common stock issued at \$14.00 per share in transactions relating to the formation of the Issuer and its operating partnership subsidiary, Rexford Industrial Realty, L.P. (the "Operating Partnership") either pursuant to contribution or merger agreements where certain entities (interests in which are directly or indirectly owned by the Reporting Person and other parties) that directly or indirectly own properties were contributed or merged with and into the Issuer, the Operating Partnership or their respective subsidiaries.
- Represents shares of common stock purchased in a private placement concurrent with the Issuer's initial public offering at the initial public offering price of \$14.00 per share.
- Represents shares of restricted common stock issued pursuant to the Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P. 2013 Equity Incentive Award Plan, dated July 24, 2013 by and between the Issuer, the Operating Partnership and the Reporting Person.
- Represents common units of limited partnership interest ("OP Units") in the Operating Partnership. The Issuer is the general partner of the Operating Partnership. OP Units are redeemable fourteen months from the Transaction Date for cash equal to the then-current market value of one share of common stock, or at the election of the Issuer, for shares of the Issuer's common stock on a one-for-one basis.
- The OP Units are exchangeable for common stock of the Issuer on a one-for-one basis.
- Represents OP Units issued at \$14.00 per unit in transactions relating to the formation of the Issuer and the Operating Partnership either pursuant to contribution or merger agreements where certain entities (interests in which are directly or indirectly owned by the Reporting Person and other parties) that directly or indirectly own properties were contributed or merged with and into the Issuer, the Operating Partnership or their respective subsidiaries.
- N/A

/s/ Marie Ly, as attorney-in-fact 07/24/2013

** 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.