

AERIE PHARMACEUTICALS INC  
 Form 4  
 December 30, 2014

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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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).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Clarus Lifesciences II, L.P.

2. Issuer Name and Ticker or Trading Symbol  
 AERIE PHARMACEUTICALS INC  
 [AERI]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 C/O CLARUS VENTURES,  
 LLC, 101 MAIN STREET, SUITE  
 1210

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 12/26/2014

\_\_\_\_ Director  
 \_\_\_\_ Officer (give title below)  
 \_\_\_X\_\_\_ 10% Owner  
 \_\_\_\_ Other (specify below)

(Street)  
 CAMBRIDGE, MA 02142

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 \_\_\_ Form filed by One Reporting Person  
 \_\_\_X\_\_\_ 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. 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 Ownership (Instr. 4)	
				(A) or (D)	Price			
Common Stock	12/26/2014		S	74,510	D	30.05	3,529,093	D (2)
						(1)		
Common Stock	12/29/2014		S	6,214	D	30.03	3,522,879	D (2)
						(3)		

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

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SEC 1474  
 (9-02)

displays a currently valid OMB control number.

**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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Clarus Lifesciences II, L.P. C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X		
Clarus Ventures II GP, L.P. C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X		
Clarus Ventures II, LLC C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X		
GALAKATOS NICHOLAS C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X		
HENNER DENNIS C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142	X	X		
LIPTAK ROBERT C/O CLARUS VENTURES, LLC		X		

101 MAIN STREET, SUITE 1210  
CAMBRIDGE, MA 02142

Simon Nicholas  
C/O CLARUS VENTURES, LLC X  
101 MAIN STREET, SUITE 1210  
CAMBRIDGE, MA 02142

STEINMETZ MICHAEL  
C/O CLARUS VENTURES, LLC X  
101 MAIN STREET, SUITE 1210  
CAMBRIDGE, MA 02142

WHEELER KURT  
C/O CLARUS VENTURES, LLC X  
101 MAIN STREET, SUITE 1210  
CAMBRIDGE, MA 02142

## Signatures

/s/ Robert Liptak, Manager of Clarus Ventures II, LLC, general partner of Clarus Ventures II GP, L.P., general partner of Clarus Lifesciences II, L.P. 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak, Manager of Clarus Ventures II, LLC, general partner of Clarus Venture II GP, L.P. 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak, Manager of Clarus Ventures II, LLC 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak, on behalf of Dennis Henner 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak, on behalf of Nicholas Galakatos 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak, on behalf of Nicholas Simon 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak, on behalf of Michael Steinmetz 12/30/2014  
\_\_Signature of Reporting Person Date

/s/ Robert Liptak, on behalf of Kurt Wheeler 12/30/2014  
\_\_Signature of Reporting Person Date

## Explanation of Responses:

\* 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).

The price reflected is the weighted-average sale price for shares sold. The range of sale prices for the transactions reported was 30.00 to

(1) 30.30 per shares. The reporting person undertakes to provide, upon request by the SEC staff, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

Securities held of record by Clarus Lifesciences II, L.P. ("Clarus"). Clarus Ventures II GP, L.P. (the "GPLP"), as the sole general partner of Clarus, may be deemed to beneficially own certain of the shares held of record by Clarus. The GPLP disclaims beneficial ownership of all shares held of record by Clarus in which the GPLP does not have an actual pecuniary interest. Clarus Ventures II, LLC (the "GPLLC"), as the sole general partner of the GPLP, may be deemed to beneficially own certain of the shares held of record by Clarus.

(2) Each of Messrs. Galakatos, Henner, Liptak, Simon, Steinmetz and Wheeler, as individual Managing Directors of the GPLLC, may be deemed to beneficially own certain of the shares held of record by Clarus. Each of the GPLLC and Messrs. Galakatos, Henner, Liptak, Simon, Steinmetz and Wheeler disclaims beneficial ownership of all shares held of record by Clarus in which it or he, as applicable, does not have an actual pecuniary interest.

The price reflected is the weighted-average sale price for shares sold. The range of sale prices for the transactions reported was 30.00 to

(3) 30.29 per shares. The reporting person undertakes to provide, upon request by the SEC staff, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

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

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