AMAG PHARMACEUTICALS INC.

Form 4

February 27, 2008

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

OMB

Expires:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31,

2005

OMB APPROVAL

SECURITIES Form 4 or

Estimated average burden hours per

Form 5 obligations may continue.

See Instruction

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

response... 0.5

1(b).

(Last)

C/O AMAG

(Print or Type Responses)

1. Name and Address of Reporting Person * Arkowitz David

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

AMAG PHARMACEUTICALS INC. [AMAG]

(Check all applicable)

(Middle)

3. Date of Earliest Transaction

Director 10% Owner Other (specify X_ Officer (give title

(Month/Day/Year) 02/26/2008

below) CFO & Chief Business Officer

PHARMACEUTICALS, INC., 125 **CAMBRIDGEPARK DRIVE**

(First)

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

(Instr. 8)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

CAMBRIDGE, MA 02140

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

(A)

(Instr. 3, 4 and 5)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form 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)

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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. Transacti Code (Instr. 8)	5. Number of deprivative Expiration Descrities (Month/Day/Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (Right to Buy)	\$ 47.08	02/26/2008		A	30,000	<u>(1)</u>	02/26/2018	Common Stock	30,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Arkowitz David C/O AMAG PHARMACEUTICALS, INC. 125 CAMBRIDGEPARK DRIVE CAMBRIDGE, MA 02140

CFO & Chief Business Officer

Signatures

/s/ Joseph L. Farmer, attorney-in-fact 02/27/2008

**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).

Grant of stock option pursuant to the AMAG Pharmaceuticals, Inc. 2007 Equity Incentive Plan. This option is exercisable in four equal annual installments. The first installment will vest on February 26, 2009, the first anniversary of the grant, and the next three installments will vest on February 26, 2010, February 26, 2011 and February 26, 2012.

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.

Reporting Owners 2