

Arkowitz David
 Form 4
 February 25, 2010

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 *
 Arkowitz David

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 02/24/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 CFO, CBO and Exec VP

C/O AMAG
 PHARMACEUTICALS, INC., 100
 HAYDEN AVENUE

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ____ Form filed by More than One Reporting Person

LEXINGTON, MA 02421

(City) (State) (Zip)

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 Ownership (Instr. 4)		
				(A) or (D)	Code	V	Amount	(D)	Price

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

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 (9-02)

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. 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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options	\$ 38.29	02/24/2010		A		(1) 02/24/2020		Common Stock	22,500
Restricted Stock Unit	(3)	02/24/2010		A		(4) (5)		Common Stock	7,500

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Arkowitz David
C/O AMAG PHARMACEUTICALS, INC.
100 HAYDEN AVENUE
LEXINGTON, MA 02421

CFO, CBO and Exec VP

Signatures

Joseph L. Farmer,
attorney-in-fact

02/25/2010

__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. Amended and Restated 2007 Equity Incentive Plan. This option is exercisable in four equal installments. The first installment will vest on February 24, 2011, the first anniversary of the grant, and the next three installments will vest on February 24, 2012, February 24, 2013 and February 24, 2014.

(2) Price is not applicable.

(3) Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.

Grant of restricted stock unit pursuant to the AMAG Pharmaceuticals, Inc. Amended and Restated 2007 Equity Incentive Plan. This grant is exercisable in four equal installments. The first installment will vest on February 24, 2011, the first anniversary of the grant, and the next three installments will vest on February 24, 2012, February 24, 2013 and February 24, 2014.

(5) Not applicable.

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

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