Arkowitz David Form 4 August 06, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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

1(b).

(Print or Type Responses)

obligations

may continue.

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Arkowitz David Issuer Symbol AMAG PHARMACEUTICALS (Check all applicable) INC. [AMAG] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify X_ Officer (give title _ (Month/Day/Year) below) C/O AMAG 08/05/2010 EVP, CFO and CBO PHARMACEUTICALS, INC., 100 HAYDEN AVENUE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person

LEXINGTON, MA 02421

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative S	ecuriti	ies Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities Acquired on(A) or Disposed of (D)			5. Amount of Securities	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial
(Instr. 3)	, ,	any	Code				Beneficially		
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4	4 and 5)		Owned	Indirect (I)	Ownership
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	08/05/2010		C	15,000 (1)	A	<u>(2)</u>	16,886	D	
Common Stock	08/05/2010		S(3)	15,750	D	<u>(4)</u>	1,136	D	

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

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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. Transacti Code (Instr. 8)	5. Number of orDerivative 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)		88 II S S (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
Restricted Stock Unit	<u>(5)</u>	08/05/2010		C	15,000	<u>(6)</u>	(2)	Common	15,000		

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

EVP, CFO and CBO

De

(In

Signatures

Joseph L. Farmer, attorney-in-fact 08/06/2010

**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).
- (1) The shares were acquired by the reporting person as a result of the partial vesting of a restricted stock unit grant described below.
- (2) Not applicable.
- (3) The sales reported on this Form 4 were effected pursuant to a 10b5-1 trading pan adopted by the reporting person.
- The shares sold on this date were sold in multiple transactions. The price is the weighted average sales price per share of all shares sold (4) on this day. The actual sales prices range from \$31.387-\$31.90. Upon request by the Securities and Exchange Commission, the issuer, or any security holder of the issuer, the reporting person will provide full information regarding the number of shares sold at each price.
- (5) Each restricted stock unit represents a contingent right to receive one share of common stock.
- (6) Grant of restricted stock unit pursuant to the AMAG Pharmaceuticals, Inc. Second Amended and Restated 2007 Equity Incentive Plan. The grant will vest as follows: 50% on August 5, 2010, 25% on August 5, 2011 and the remaining 25% on August 5, 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.

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