EPIX Pharmaceuticals, Inc.

Form 4

February 26, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

if no longer

Check this box

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)

1. Name and Address of Reporting Person * Kauffman Michael G

2. Issuer Name and Ticker or Trading Symbol

EPIX Pharmaceuticals, Inc. [EPIX]

5. Relationship of Reporting Person(s) to

Issuer

(First) (Last)

(Middle) 3. Date of Earliest Transaction

10% Owner

C/O EPIX PHARMACEUTICALS,

(Month/Day/Year) 02/25/2008

_X__ Director Other (specify X_ Officer (give title below)

INC., 4 MAGUIRE ROAD

Chief Executive Officer

(Check all applicable)

(Street)

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

(Instr. 8)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

6. Individual or Joint/Group Filing(Check

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 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

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

(Instr. 3, 4 and 5)

(A)

5. Amount of Securities Beneficially Owned

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

(Instr. 4)

Following 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.

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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

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8		Acquired or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 3.15	02/25/2008		A		75,000		<u>(1)</u>	02/25/2018	Common Stock	75,000
Restricted Stock Units	<u>(2)</u>	02/25/2008		A		37,500		(3)	(3)	Common Stock	37,500

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Kauffman Michael G C/O EPIX PHARMACEUTICALS, INC. 4 MAGUIRE ROAD LEXINGTON, MA 02421	X		Chief Executive Officer				

Signatures

/s/ Kimberlee C. Drapkin, 02/26/2008 Attorney-in-Fact

Explanation of Responses:

**Signature of Reporting Person

- * 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).

Date

- (1) This option vests quarterly over a four year period from the grant date.
- (2) Each restricted stock unit represents a contingent right to receive one share of EPIX common stock.
- (3) The restricted stock units vest in two equal annual installments beginning February 25, 2009. Vested shares will be delivered to the reporting person as soon as practicable following each vesting date.

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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