EPIX Pharmaceuticals, Inc.

Form 4

May 21, 2008

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

Check this box if no longer

subject to Section 16. Form 4 or Form 5

obligations

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

may continue. See Instruction

1(b).

(Last)

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 * PHELPS GREGORY D

(First)

C/O EPIX PHARMACEUTICALS,

(Middle)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

EPIX Pharmaceuticals, Inc. [EPIX]

3. Date of Earliest Transaction

(Month/Day/Year)

05/19/2008

(Check all applicable) X Director 10% Owner

Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

INC., 4 MAGUIRE ROAD

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Officer (give title

Applicable Line)

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

below)

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. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

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

(A) or Code V Amount (D) Price Reported Transaction(s) (Instr. 3 and 4)

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

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)

1. Title of Derivative Conversion Security 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 8 **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	-	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
~ .				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to	\$ 1.9	05/19/2008		A		25,000		<u>(1)</u>	05/19/2018	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

PHELPS GREGORY D C/O EPIX PHARMACEUTICALS, INC. 4 MAGUIRE ROAD LEXINGTON, MA 02421

X

Signatures

/s/ Kim Cobleigh Drapkin, Attorney-in-Fact 05/21/2008

**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).

The stock option vests in three equal annual installments such that it becomes fully-vested on the earlier of (i) the third anniversary of the (1) date of grant or (ii) the date of EPIX Pharmaceuticals, Inc's third annual meeting following the date of grant, in each case provided that the optionee is still a director of EPIX Pharmaceuticals, Inc. on each annual 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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