Tessmer James F Form 4 February 17, 2012

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

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response...

Check this box if no longer subject to Section 16. Form 4 or

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Tessmer James F

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to

Issuer

LEXICON PHARMACEUTICALS,

INC./DE [LXRX]

(Check all applicable)

10% Owner

3. Date of Earliest Transaction

(Month/Day/Year) 02/15/2012

Other (specify X_ Officer (give title below)

Director

VP, Finance & Accounting

8800 TECHNOLOGY FOREST **PLACE**

(First)

(Street)

(State)

(Last)

(City)

(Instr. 3)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

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

THE WOODLANDS, TX 77381

1. Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

(Middle)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

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

Reported

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

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 Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

5. Number of **TransactionDerivative**

6. Date Exercisable and **Expiration Date**

7. Title and Amount of **Underlying Securities**

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities (Month Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Month/Day/	ionth/Day/Year)		(Instr. 3 and 4)	
				Code V	(A) (` '	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units (Phantom Stock)	(1)	02/15/2012		A	27,000		(2)	(2)	Common Stock	27,000	
Stock Option (Right to Buy)	\$ 1.8	02/15/2012		A	61,000		(3)	02/15/2022	Common Stock	61,000	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Tessmer James F 8800 TECHNOLOGY FOREST PLACE THE WOODLANDS, TX 77381			VP, Finance & Accounting				

Signatures

/s/ James F.

Tessmer

**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) Each restricted stock unit represents a contingent right to receive one share of common stock.
- (2) Restricted stock units vest with respect to 25% of the shares subject to the restricted stock units on February 28, 2013 and vest an additional 25% on February 28 of each of the three succeeding years thereafter.
- Option vests with respect to 25% of the shares subject to the option on the first anniversary of grant (2/15/2013) and vests 1/48th per month for each month of service thereafter.

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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