Tessmer James F Form 4 March 01, 2012

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

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

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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).

(City)

(State)

(Print or Type Responses)

1. Name and Address of Reporting Person * Tessmer James F			2. Issuer Name and Ticker or Trading Symbol LEXICON PHARMACEUTICALS, INC./DE [LXRX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) 8800 TECHN PLACE	(First) OLOGY FO	(Middle) OREST	3. Date of Earliest Transaction (Month/Day/Year) 02/28/2012	Director 10% Owner Officer (give title Other (specify below) VP, Finance & Accounting
THE WOODI	(Street)	77381	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 Person

(Zip)

	-
6. Ownershi	p 7. Nature of
Form: Direc	t Indirect
(D) or	Beneficial
Indirect (I)	Ownership
(Instr 1)	(Instr 4)

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Transaction Date 2A. Deemed Execution Date, if any (Month/Day/Year)		4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			Securities Beneficially Owned	Form: Direct (D) or Indirect (I)	7. Nature Indirect Beneficia Ownershi
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	02/28/2012		M	7,500	A	<u>(1)</u>	30,969	D	
Common Stock	02/28/2012		F(3)	2,299	D	\$ 1.78	28,670	D	

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

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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. Transaction Code (Instr. 8)	5. Number out of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	of Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deriv Secu (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units (Phantom Stock)	(1)	02/28/2012		M	7,500	(2)	(2)	Common Stock	7,500	2

Reporting Owners

Reporting Owner Name / Address	Relationships					
and the second	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

O3/01/2012

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, 2012 and vest an additional 25% on February 28 of each of the three succeeding years thereafter.
- (3) Withholding of a portion of issued shares by the Company in satisfaction of shareholder's tax withholding obligations with respect thereto.

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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