WADE JEFFREY L Form 4

February 15, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

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Check this box

obligations may continue.

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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WADE JEFFREY L

2. Issuer Name and Ticker or Trading

Symbol

LEXICON GENETICS INC/TX [LEXG]

Issuer

(Check all applicable)

5. Relationship of Reporting Person(s) to

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) 02/13/2007

Director 10% Owner X_ Officer (give title Other (specify

below) EVP, Gen. Counsel

8800 TECHNOLOGY FOREST **PLACE**

(Street)

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

(Instr. 4)

Person

THE

WOODLANDS, TX 773811160

(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)

Code

3.

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

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

(Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4)

or Code V Amount (D) Price

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)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (I (Instr. 3, 4, and 5)	Expiration I (Month/Day or			7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (I	D) Date Exercisable	Expiration Date	Title	Amount Number Shares	
Employee Stock Option (right to buy)	\$ 3.94	02/13/2007		A	120,000	<u>(1)</u>	02/13/2017	Common Stock	120,00	

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

WADE JEFFREY L 8800 TECHNOLOGY FOREST PLACE THE WOODLANDS, TX 773811160

EVP, Gen. Counsel

Signatures

/s/ Wade, Jeffrey L. 02/15/2007

**Signature of Date
Reporting Person

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).
- Option vests with respect to 25% of the shares subject to the option on the first anniversary of grant (2/13/2008) 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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