

LEXICON GENETICS INC/TX

Form 4

March 30, 2007

FORM 4**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
may continue.
See Instruction
1(b).

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

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

OMB APPROVAL

OMB
Number: 3235-0287
Expires: January 31,
2005
Estimated average
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(Print or Type Responses)

1. Name and Address of Reporting Person *
SANDS ARTHUR T

2. Issuer Name **and** Ticker or Trading
Symbol
LEXICON GENETICS INC/TX
[LEXG]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)
8800 TECHNOLOGY FOREST
PLACE

3. Date of Earliest Transaction
(Month/Day/Year)
03/29/2007

☐ Director ☐ 10% Owner
☒ Officer (give title below) ☐ Other (specify below)
Pres & CEO

(Street)
THE
WOODLANDS, TX 773811160

4. If Amendment, Date Original
Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check
Applicable Line)
☒ Form filed by One Reporting Person
☐ Form filed by More than One Reporting
Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)				5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	03/29/2007		M		300,000	A	\$ 1.67	872,662	D	
Common Stock	03/29/2007		S		190,000	D	\$ 3.6	682,662	D	
Common Stock								817,500	I	By Sands Associates L.P.
Common Stock								60,000	I	By Spouse as Custodian

For
Children

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

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(9-02)**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 of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount Number Shares
Employee Stock Option (right to buy)	\$ 1.67	03/29/2007		M	300,000	<u>(1)</u> 05/08/2007	Common Stock 300,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
SANDS ARTHUR T 8800 TECHNOLOGY FOREST PLACE THE WOODLANDS, TX 773811160	X Pres & CEO

Signatures

/s/ Sands, Arthur
T. 03/30/2007**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) Option vests with respect to 1/48th of the shares subject to the option for each month of service following the date of grant (5/8/1997).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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