SANDS ARTHUR T
Form 4
February 17, 2010

FORM 4

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

OMB APPROVAL
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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

(Print or Type Responses)

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

(Last) (First) (Middle)

8800 TECHNOLOGY FOREST PLACE

(Street)

THE WOODLANDS, TX 77381

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
LEXICON PHARMACEUTICALS, INC./DE [LXRX]

3. Date of Earliest Transaction (Month/Day/Year)
02/12/2010

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

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
__X__ Director
_____ 10% Owner
__X__ Officer (give title below)
_____ Other (specify below)
President & CEO

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

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	02/12/2010		F(1)		14,872	D	$ 1.91	757,516	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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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
Stock Option (Right to Buy)	$ 1.9	02/15/2010		A		765,000		(2)	02/15/2020	Common Stock	765,00
Restricted Stock Units (Phantom Stock)	(3)	02/15/2010		A		73,700		(4)	(4)	Common Stock	73,700

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SANDS ARTHUR T 8800 TECHNOLOGY FOREST PLACE THE WOODLANDS, TX 77381	X		President & CEO	

Signatures

/s/ Arthur T. Sands, M.D., Ph.D.	02/17/2010
**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) Withholding of a portion of vested shares by the Company in satisfaction of shareholder's tax withholding obligations with respect thereto.

(2)

Option vests with respect to 25% of the shares subject to the option on the first anniversary of grant (2/15/2011) and vests 1/48th per month for each month of service thereafter.

(3) Each restricted stock unit represents a contingent right to receive one share of common stock.

(4) Restricted stock units vest with respect to 100% of the shares subject to the restricted stock unit upon the dosing of the first patient in a pivotal human clinical trial in any country, the results of which could be used to establish safety and efficacy of a pharmaceutical product discovered or developed by the Company (whether or not licensed by the Company to a third party) as a basis for a New Drug Application with the U.S. Food and Drug Administration or that would otherwise satisfy the requirements of 21 CFR 321.21(c) or its foreign equivalent.

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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