

SANDS ARTHUR T  
Form 4  
December 27, 2011

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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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

(Print or Type Responses)

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

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) (First) (Middle)  
8800 TECHNOLOGY FOREST PLACE

3. Date of Earliest Transaction (Month/Day/Year)  
12/22/2011

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
President & CEO

(Street)  
THE WOODLANDS, TX 77381

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                    | 12/22/2011                           |  | M                              |   | 25,000  | A  | \$ 1.13   |
| Common Stock                    |                                      |  |                                |   | 60,000  | I  |   |
| Common Stock                    |                                      |  |                                |   | 817,500   | I  |   |

By Spouse As Custodian For Children  
By Sands Associates L.P.

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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 Security (Instr. 3 and 4) | Amount or Number of Shares |
|---|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Subscription Rights (Right to Buy) <sup>(1)</sup> | \$ 1.13  | 12/22/2011                           |  | M                              | 58,525  | 11/22/2011 12/22/2011                                    | Common Stock  | 25,000                     |

## Reporting Owners

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

## Signatures

/s/ Arthur T. Sands, M.D.,  
Ph.D. 12/27/2011

\*\*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 subscription right reflects a basic subscription privilege entitling the holder to purchase 0.427175 shares of common stock and an oversubscription privilege entitling the holder to purchase additional shares of common stock under certain circumstances.

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.