FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPRO	OVAL						
	OMB Number:	3235-0287						
l	Estimated average burden							
I	hours per response:	0.5						

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* SANDS ARTHUR T					2. Issuer Name and Ticker or Trading Symbol LEXICON GENETICS INC/TX [LEXG]								(Ch	5. Relationship of Report (Check all applicable) X Director			son(s) to Is	
					3. Date of Earliest Transaction (Month/Day/Year) 04/17/2006								X Offic below			below)	(specify	
(Street) THE WOODL	DLANDS TX 773811160			4. If Amendment, Date of Original Filed (Month/Day/Year)							Line	5. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting				on		
(City)	(S	tate) (Zip)								Person							
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
1. Title of Security (Instr. 3) 2. Transact Date (Month/Day					Execut if any	2A. Deemed Execution Date, if any (Month/Day/Year)		ction Instr.	4. Securities Acquired (ADisposed Of (D) (Instr. 35)			5. Amount of Securities Beneficially Owned Followir Reported	es ially Following	Form: (D) or	: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership		
								Code	v	Amount		A) or D) F	rice	Transac (Instr. 3	tion(s)			Instr. 4)
Common	Stock			04/17/2	2006			S		1,045		D	\$5.1	580	6,617		D	
Common	Stock			04/17/2	2006			S		100	100 D \$		\$5.15	586,517			D	
Common	Stock			04/17/2	:006		S		365	D \$5		\$5.16	586,152		D			
Common Stock 04/17/2				.006			S		1,800		D \$5.17		584	584,352		D		
Common Stock 04/18				04/18/2	2006			S		11,690	0 D \$		\$5.1	572,662			D	
Common Stock														81	7,500		I .	By Sands Associates L.P.
Common Stock												60,000			I G	By Spouse as Custodian For Children		
	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)	erivative curity Conversion Date Execution Date, or Exercise (Month/Day/Year) if any			n Date,	1. Fransact Code (In 3)	ion of str. D	n of		Exerci on Da Day/Ye		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		S (1		9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	y C	0. Ownership Form: Oirect (D) or Indirect () (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code \	, (A	A) (D)	Date Exercis	able	Expiration Date	Title	Amo or Num of Shar	ber					

Explanation of Responses:

Remarks:

/s/ Sands, Arthur T.

04/19/2006

** Signature of Reporting Person

Date

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

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

 $^{^{\}star}$ 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).