

Xenon Pharmaceuticals Inc.
 Form 4
 December 21, 2015

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2015
 Estimated average burden hours per response... 0.5

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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 *
ROBIN SHERRINGTON

(Last) (First) (Middle)

C/O XENON
 PHARMACEUTICALS INC, 200 -
 3650 GILMORE WAY

(Street)

BURNABY, A1 V5G 4W8

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Xenon Pharmaceuticals Inc. [XENE]

3. Date of Earliest Transaction
 (Month/Day/Year)
 12/16/2015

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

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 SVP Bus. & Corp. Development

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4)		
				Code	V	Amount	(A) or (D) Price		
Common Shares	12/16/2015		M		411	A	5.22	4,251	D
							(1)		
Common Shares	12/16/2015		F		229	D	7.94	4,022	D
							(2)		

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

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number.

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)	8. Price or Amount of Underlying Securities (Instr. 3 and 4)
Stock Option (Right to Buy)	\$ 5.22 ⁽¹⁾	12/16/2015		M	411	⁽³⁾ 12/31/2015	Common Shares	411

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROBIN SHERRINGTON C/O XENON PHARMACEUTICALS INC 200 - 3650 GILMORE WAY BURNABY, A1 V5G 4W8			SVP Bus. & Corp. Development	

Signatures

/s/ Joanne Smartt,
Attorney-in-fact
12/21/2015

***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) The exercise price was converted to U.S. dollars from \$6.07 CAD using the closing rate of exchange on the Bank of Canada on the date of grant. The actual exercise price is the Canadian dollar amount regardless of the exchange rate on the day of exercise.
- (2) Represents the closing price of the Company's common shares on December 15, 2015 in U.S. dollars, which was converted to a Canadian dollar amount for purposes of net settlement calculations.
- (3) The shares subject to the option fully vested on January 1, 2010.

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.