ARCA biopharma, Inc. Form 4 October 19, 2015

Section 16.

Form 4 or

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 Check this box if no longer subject to

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Keuer Thomas A

2. Issuer Name and Ticker or Trading Symbol

ARCA biopharma, Inc. [ABIO]

(First) (Middle) (Last) 3. Date of Earliest Transaction

(Zip)

(Month/Day/Year) ARCA BIOPHARMA, INC., 11080 10/16/2015 CIRCLEPOINT ROAD, SUITE 140

(Street)

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

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Issuer

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

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify below) below)

Chief Operating Officer

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

WESTMINSTER, CO 80020

(State)

(City)

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Code (D) Beneficially (D) or Beneficial Indirect (I) Ownership (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

Common 10/16/2015 S 496 (1) D $16,938 \frac{(2)}{}$ D Stock

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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	1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate Amou		nt of	Derivative	Deriv
	Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
	(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securi	ities	(Instr. 5)	Bene
		Derivative			Securities				(Instr.	3 and 4)		Owne
		Security				Acquired						Follo
		•				(A) or						Repo
						Disposed						Trans
						of (D)						(Instr
						(Instr. 3,						,
						4, and 5)						
										Amount		
							Date Exercisable	Expiration Date	Title N	or		
										Number		
										of		
					Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Keuer Thomas A ARCA BIOPHARMA, INC. 11080 CIRCLEPOINT ROAD, SUITE 140 WESTMINSTER, CO 80020

Chief Operating Officer

Signatures

/s/ Thomas A. Keuer 10/19/2015

**Signature of Date
Reporting Person

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).
- Represents shares of common stock sold pursuant to a Rule 10b5-1 Plan adopted by the Reporting Person for satisfaction of their tax

 (1) withholding obligation with respect to the vesting of previously reported Restricted Stock Units ("RSUs") granted to the Reporting Person under the Issuer's 2013 Equity Incentive Plan (the "Plan").
 - Includes (i) remaining 2,143 previously reported shares issued as RSUs under the Plan that vests on 9/17/16, (ii) remaining 1,429 previously reported shares issued as RSUs under the Plan that vests on 10/15/16, (iii) 3,664 previously reported shares issued as RSUs
- (2) under the Plan that vest in three equal annual installments beginning on 2/27/16, and (iv) 3,621 previously reported shares issued as RSUs under the Plan that vest in three equal annual installments beginning April 2, 2016, provided that the Reporting Person's continuous service to the Issuer has not been terminated as defined under the Plan; and 6,081 previously reported shares of common stock owned.

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.

Reporting Owners 2