PACIFIC BIOSCIENCES OF CALIFORNIA, INC.

Form 4

August 12, 2014

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

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

PACIFIC BIOSCIENCES OF

CALIFORNIA, INC. [PACB]

3. Date of Earliest Transaction

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Ericson William W.

(Last) (First) (Middle)

C/O MOHR DAVIDOW VENTURES, 3000 SAND HILL ROAD, #3-290

(Street)

4. If Amendment, Date Original

(Month/Day/Year)

Symbol

Filed(Month/Day/Year)

(Month/Day/Year)

08/08/2014

5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading

Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Price

4.8957

\$

MENLO PARK, CA 94025

Security

(Instr. 3)

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year)

4. Securities Acquired (A) 5. Amount of 3. Transactionr Disposed of (D) Execution Date, if

Code (Instr. 3, 4 and 5) (Instr. 8)

(A) or Code V Amount (D)

Α

08/08/2014 Common Α 51,423 Stock

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

> Beneficially Form: Owned Direct (D) Following or Indirect Reported Transaction(s) (Instr. 4) (Instr. 3 and 4)

5,049,963 I

LP, nom for MDV VII LP, **MDV VII** Leaders' Fund LP, **MDV ENF VII** (A) LP,

and MDV

7. Nature of

Indirect

Beneficial

Ownership

MDV VII

(Instr. 4)

1

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

ENF VII (B) LP (1)

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

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 control number.

SEC 1474

(9-02)

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

1. Title of Derivating Security (Instr. 3)	ve Conversion or Exercise	3. Transaction Date (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed			7. Title and Amount of Underlying Securities (Instr. 3 and 4		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Owne Follo Repo Trans
				of (D) (Instr. 3, 4, and 5)	Date	Expiration		Amount		(Instr
			Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

Dolotionshin

Reporting Owners

Reporting Owner Name / Address	Kelationships						
	Director	10% Owner	Officer	Other			
Ericson William W.							
C/O MOHR DAVIDOW VENTURES	v						

C/O MOHR DAVIDOW VENTURES 3000 SAND HILL ROAD, #3-290 MENLO PARK, CA 94025

Signatures

/s/ William W. 08/12/2014 Ericson

**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).
- (1) Seventh MDV Partners, L.L.C. is the general partner of (i) MDV VII, L.P., as nominee for MDV VII, L.P., MDV VII Leaders' Fund, L.P., MDV ENF VII(A), L.P., and MDV ENF(B), L.P., (ii) MDV VII, L.P., (iii) MDV ENF VII (A), L.P., (iv) MDV ENF VII (B), L.P. and (v) MDV VII Leaders' Fund, L.P. (the "MDV VII Funds") and has sole voting and investment power over the shares. William Ericson is a general partner with Mohr Davidow Ventures, and may be deemed to indirectly beneficially own the shares affiliated with the

Reporting Owners 2

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MDV VII Funds. Mr. Ericson disclaims beneficial ownership of the shares held by the MDV VII Funds except to the extent of any pecuniary interest therein.

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.