PACIFIC BIOSCIENCES OF CALIFORNIA, INC.

Form 4

August 18, 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. See Instruction

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(b).

1. Name and Address of Reporting Person * Ericson William W.

2. Issuer Name and Ticker or Trading Symbol

PACIFIC BIOSCIENCES OF CALIFORNIA, INC. [PACB]

3. Date of Earliest Transaction

(Last) (First) (Middle)

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

(Street)

(City)

Common

Stock

4. If Amendment, Date Original

(Month/Day/Year)

08/14/2014

Filed(Month/Day/Year)

Code V

P

6. Individual or Joint/Group Filing(Check

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

Reported

Transaction(s)

Issuer

below)

X_ Director

Officer (give title

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

5. Relationship of Reporting Person(s) to

(Check all applicable)

MENLO PARK, CA 94025

(State)

08/14/2014

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

(Zip)

4. Securities Acquired (A) 5. Amount of 3. Transactionr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

Amount

77,822

(A)

or

(D)

Α

(Instr. 3 and 4) Price \$ 4.9954

Securities Beneficially Form: Owned Direct (D) Following

Ownership Indirect Beneficial Ownership or Indirect (Instr. 4)

7. Nature of

10% Owner Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

5,423,943 I **MDV VII** LP, nom

(Instr. 4)

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

MDV VII

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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transac Code (Instr. 8	5. ionNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	S	Pate	7. Tit Amou Under Secur (Instr	int of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
			Code V	/ (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
Ericson William W. C/O MOHR DAVIDOW VENTURES 3000 SAND HILL ROAD, #3-290 MENLO PARK, CA 94025	X						

Signatures

/s/ William S. Ericson 08/18/2014

**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.