FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Washington, D.C. 20349

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| SIAIEMENI  | OF CHANGES | IN BENEFICIAL | OWNERSHIP |

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|   | OMB Number:            | 3235-0287 |
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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*  BARNES SUSAN K   |   |  |   |                 | PA  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol PACIFIC BIOSCIENCES OF CALIFORNIA, INC. [ PACB ] |         |   |         |     |             |                            |               |  |                  | all app   | p of Reportin<br>blicable)<br>ctor<br>er (give title    | 10                                       | o Issuer<br>% Owner<br>ner (specify |
|--|---|--|---|-----------------|---|---|---------|---|---------|-----|-------------|----------------------------|---------------|--|------------------|---|---|--|-------------------------------------|
| (Last) (First) (Middle) PACIFIC BIOSCIENCES OF CALIFORNIA, INC. 1305 O'BRIEN DRIVE   |   |  |   |                 | 3. Date of Earliest Transaction (Month/Day/Year) 02/19/2020 |   |         |   |         |     |             |                            |               |  | EVP, CFO and PAO |   |   |  |                                     |
| (Street)  MENLO PARK CA 94025  (City) (State) (Zip)  |   |  |   | 4. If           | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |   |         |   |         |     |             |                            |               | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |                  |   |   |  |                                     |
|  |   | Tabl                                       | e I - No                                    | n-Deriv         | ative   | Se  | curitie | s Acc                                     | quired, | Dis | posed o     | f, or                      | Bene          | eficia   | lly              | Owne  | ed  |  |                                     |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D   |   |  |   | Execution Date, |   | 3. Transaction Code (Instr. 8)  4. Securities Acquire Disposed Of (D) (Instr. 5)                    |         |   |         |     | d           | Securities<br>Beneficially |               | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  | of Indirect      |   |   |  |                                     |
|  |   |  |   |                 |   |   |         |   |         | v   | Amount      |                            | (A) or<br>(D) | Price  |                  | Transaction(s)<br>(Instr. 3 and 4)  |   |  | (3 4)                               |
| Common Stock 02/1  |   |  |   | 02/19           | )/2020  |   |         |   | S       |     | 12,558      | (1)                        | D \$4.44      |  | 874,812          |   | D   |  |                                     |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |   |                 |   |   |         |   |         |     |             |                            |               |  |                  |   |   |  |                                     |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deem<br>Execution<br>if any<br>(Month/D | n Date,         | 4.<br>Transaction<br>Code (Instr.<br>8)                     |   |         | ative<br>rities<br>ired<br>osed<br>. 3, 4 |         |     | e Amount of |                            | ount<br>nber  | t  |                  | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Owners<br>Form:<br>Direct (I<br>or Indire<br>(I) (Instr | Beneficial<br>Ownership<br>ct (Instr. 4) |                                     |

## **Explanation of Responses:**

1. Represents the number of shares automatically sold to cover tax withholding obligations in connection with the vesting of restricted stock units and awards.

## Remarks:

/s/ Stephen Moore, Attorneyin-fact for Susan K. Barnes

02/25/2020

\*\* Signature of Reporting Person D

Date

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

- $^{\star}$  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).

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.