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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

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**FORM 8-K**

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**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of  
The Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported)**  
**July 24, 2014**

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**Pacific Biosciences of California, Inc.**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-34899**  
(Commission  
File Number)

**16-1590339**  
(IRS Employer  
Identification No.)

**1380 Willow Road**  
**Menlo Park, California 94025**  
(Address of principal executive offices, including zip code)

**(650) 521-8000**  
(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**ITEM 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.**

On July 24, 2014, Pacific Biosciences of California, Inc. reported its financial results for its second fiscal quarter ended June 30, 2014. A copy of the press release containing the announcement is included as Exhibit 99.1 and is incorporated herein by reference.

This information, as well as Exhibit 99.1, is intended to be furnished under Item 2.02 of Form 8-K, "Results of Operations and Financial Condition" and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), nor incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

**ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.**

(d) Exhibits.

99.1 Press Release dated July 24, 2014 titled "Pacific Biosciences Reports Second Quarter 2014 Financial Results" (furnished and not filed herewith solely pursuant to Item 2.02).

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## EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release dated July 24, 2014 titled "Pacific Biosciences Reports Second Quarter 2014 Financial Results" (furnished and not filed herewith solely pursuant to Item 2.02).

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**Pacific Biosciences Reports Second Quarter 2014 Financial Results**

**Menlo Park, Calif.** – July 24, 2014 – Pacific Biosciences of California, Inc. (NASDAQ: PACB) today reported an 89% increase in revenue to \$11.4 million for the second quarter, compared to \$6.0 million for the second quarter of 2013.

Second quarter 2014 revenue reflects the delivery of eight PacBio® RS II systems, compared to three systems during the second quarter of 2013. Total revenue for the second quarter of 2014 also included \$1.7 million of contractual revenue. The Company booked five PacBio RS II instrument orders during the period and ended the quarter with 10 instruments in backlog.

Gross profit for the quarter increased 195% to \$3.1 million, resulting in a gross margin of 27.4%, compared to gross profit of \$1.1 million and a gross margin of 17.5% for the second quarter of 2013.

Operating expenses totaled \$21.4 million for the quarter, compared to \$21.1 million for the second quarter of 2013. Operating expenses for the second quarters of 2014 and 2013 included non-cash stock-based compensation of \$2.1 million and \$2.3 million, respectively.

The net loss for the quarter was \$19.1 million, compared to \$20.5 million for the second quarter of 2013.

Cash and investments at June 30, 2014 totaled \$105.0 million, compared to \$112.5 million at December 31, 2013.

**Quarterly Conference Call Information**

Management will host a quarterly conference call to discuss its second quarter 2014 results today at 4:30 p.m. Eastern Time. Investors may listen to the call by dialing 1.888.366.7247, or if outside the U.S., by dialing +1.707.287.9330. The call will be webcast live and will be available for replay at Pacific Biosciences' website at <http://investor.pacificbiosciences.com/>.

**About Pacific Biosciences**

Pacific Biosciences of California, Inc. (NASDAQ: PACB) offers the PacBio® RS II Sequencing System to help scientists solve genetically complex problems. Based on its novel Single Molecule, Real-Time (SMRT®) Sequencing technology, the company's products enable: targeted sequencing to more comprehensively characterize genetic variations; *de novo* genome assembly to more fully identify, annotate and decipher genomic structures; and DNA base modification identification to help characterize epigenetic regulation and DNA damage. By providing access to information that was previously inaccessible, Pacific Biosciences enables scientists to increase their understanding of biological systems.

**Forward-Looking Statements**

This press release contains forward-looking statements that involve risks and uncertainties. Forward-looking statements are based on management's beliefs and assumptions and on information currently available to them. The Company's actual results could differ materially from those anticipated in these forward-looking statements for many reasons, including the risks faced by us and described in the Company's most recently filed Quarterly Report on Form 10-Q, Annual Report on Form 10-K, or the Company's other filings with the SEC, as the case may be. You should not place undue reliance on forward-looking statements, which apply only as of the date of this press release. The Company assumes no obligation to update these forward-looking statements.

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**Pacific Biosciences of California, Inc.**  
**Unaudited Condensed Consolidated Statement of Operations**  
(amounts in thousands, except per share amounts)

	Three-month Periods Ended June 30,		Six-month Periods Ended June 30,	
	2014	2013	2014	2013
<b>Revenue:</b>				
Product revenue	\$ 7,749	\$ 4,601	\$ 15,614	\$ 8,434
Service and other revenue	1,980	1,447	4,061	3,192
Contractual revenue	1,696	—	3,392	—
Total revenue	11,425	6,048	23,067	11,626
<b>Cost of Revenue:</b>				
Cost of product revenue	6,271	3,322	13,440	6,522
Cost of service and other revenue	2,028	1,667	3,825	3,115
Total cost of revenue	8,299	4,989	17,265	9,637
Gross profit	3,126	1,059	5,802	1,989
<b>Operating Expense:</b>				
Research and development	12,435	11,682	24,206	23,665
Sales, general and administrative	8,993	9,374	18,143	18,928
Total operating expense	21,428	21,056	42,349	42,593
Operating loss	(18,302)	(19,997)	(36,547)	(40,604)
Interest expense	(701)	(673)	(1,387)	(1,098)
Other income (expense), net	(133)	199	(88)	127
Net loss	\$ (19,136)	\$ (20,471)	\$ (38,022)	\$ (41,575)
Basic and diluted net loss per share	\$ (0.27)	\$ (0.33)	\$ (0.55)	\$ (0.70)
Shares used in computing basic and diluted net loss per share	70,515	61,922	69,195	59,660

**Pacific Biosciences of California, Inc.**  
**Unaudited Condensed Consolidated Balance Sheets**  
*(amounts in thousands)*

	June 30, 2014	March 31, 2014	December 31, 2013
<b>Assets</b>			
Cash and investments	\$ 105,034	\$ 118,736	\$ 112,528
Accounts receivable	4,255	3,383	2,746
Inventory	9,440	8,301	10,050
Prepaid and other current assets	1,169	1,642	1,135
Property and equipment	7,861	8,492	9,236
Other long-term Assets	482	486	490
<b>Total Assets</b>	<b>\$ 128,241</b>	<b>\$ 141,040</b>	<b>\$ 136,185</b>
<b>Liabilities and Stockholders' Equity</b>			
Accounts payable	\$ 5,379	\$ 3,926	\$ 1,717
Accrued expenses	9,225	6,625	8,766
Deferred service revenue	6,146	4,822	4,564
Deferred contractual revenue	29,912	31,608	33,304
Other liabilities	4,151	4,460	4,758
Financing derivative	699	549	549
Notes payable	13,714	13,525	13,347
Stockholders' equity	59,015	75,525	69,180
<b>Total Liabilities and Stockholders' Equity</b>	<b>\$ 128,241</b>	<b>\$ 141,040</b>	<b>\$ 136,185</b>