

Item 2.02 Results of Operations and Financial Condition.

On January 23, 2014, Cabot Microelectronics Corporation issued a press release entitled "Cabot Microelectronics Corporation Reports Results for First Quarter of Fiscal 2014," a copy of which is attached hereto as Exhibit 99.1 and incorporated herein by reference. The press release contains financial and other information including that related to the Company's first fiscal quarter ended December 31, 2013. The press release also includes cautionary statements identifying important factors that could cause actual results to differ materially from those described by any forward-looking statements.

This information is being furnished pursuant to Item 2.02 of Form 8-K and shall not be deemed "filed" for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), or 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.

(c) Exhibits

The following exhibit is being furnished, not filed, herewith pursuant to Item 2.02 of Form 8-K:

99.1 Press release, dated January 23, 2014, entitled "Cabot Microelectronics Corporation Reports Results for First Quarter of Fiscal 2014."

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CABOT MICROELECTRONICS CORPORATION

Date: January 23, 2014 By: /s/ WILLIAM S. JOHNSON

William S. Johnson

Executive Vice President and Chief Financial Officer

[Principal Financial Officer]

INDEX TO EXHIBITS

| Exhibit Number | Title |
|-------------------|--|
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