UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): March 16, 2015

Molycorp, Inc. (Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

001-34827 (Commission File Number) 27-2301797

(IRS Employer Identification No.)

80111 (Zip Code)

5619 Denver Tech Center Parkway, Suite 1000, Greenwood Village, CO (Address of principal executive offices)

Registrant's telephone number, including area code: (303) 843-8040

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

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:

- □ 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))

Item 2.02. Results of Operations and Financial Condition.

On March 16, 2015, Molycorp, Inc. (the "Company") issued a press release announcing financial results for its fourth quarter and full year ended December 31, 2014. A copy of this press release is attached hereto as Exhibit 99.1 and incorporated herein by reference.

The information contained in Item 2.02 of this Current Report on Form 8-K, including Exhibit 99.1 attached hereto, is being furnished to the Securities and Exchange Commission and shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section. Furthermore, the information contained in Item 2.02 of this Current Report on Form 8-K shall not be deemed to be incorporated by reference into any filing made by Molycorp, Inc. under the Securities Act of 1933 or the Securities Exchange Act of 1934, except as set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number

Description

99.1

Press Release issued by Molycorp, Inc. on March 16, 2015

SIGNATURES

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.

MOLYCORP, INC.

By:	/s/ Michael F. Doolan
Name:	Michael F. Doolan
Title:	Chief Financial Officer

Date: March 16, 2015

Exhibit Index

Exhibit Number

Description

99.1

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