ARCH CAPITAL GROUP LTD.

Form 8-K

February 13, 2017

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

February 13, 2017

Date of Report (Date of earliest event reported)

Arch Capital Group Ltd.

(Exact name of registrant as specified in its charter)

Bermuda 0-26456 N/A

(State or other

jurisdiction of incorporation or (Commission File Number) (I.R.S. Employer Identification No.)

organization)

Waterloo House, Ground Floor, 100 Pitts Bay Road, Pembroke HM 08, Bermuda (Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (441) 278-9250

N/A

(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 (see General Instruction A.2. below):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o 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 February 13, 2017, Arch Capital Group Ltd. issued a press release reporting its earnings and the availability of its financial supplement for the quarter ended December 31, 2016. The press release and financial supplement are attached to this Current Report on Form 8-K as Exhibit 99.1 and Exhibit 99.2, respectively, and are incorporated herein by reference.

The information in this Current Report on Form 8-K, including the information set forth in Exhibit 99.1 and Exhibit 99.2, shall not be deemed "filed" for purposes of Section 18 of the Securities 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 Exhibits.

EXHIBIT NO. DESCRIPTION

Press Release dated February 13, 2017 announcing the earnings of Arch Capital Group Ltd. for the quarter ended December 31, 2016

99.2 2016 Fourth Quarter Financial Supplement

2

SIGNATURES

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

ARCH CAPITAL GROUP LTD.

Date: February 13, 2017 By:/s/ Mark D. Lyons

Name: Mark D. Lyons

Title: Executive Vice President and Chief Financial Officer

3

EXHIBIT INDEX

EXHIBIT NO. DESCRIPTION

99.1	Press Release dated February 13, 2017 announcing the earnings of Arch Capital Group Ltd. for the
	quarter ended December 31, 2016
99.2	2016 Fourth Quarter Financial Supplement

4