

ARCH CAPITAL GROUP LTD.

Form 8-K

February 13, 2007

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 12, 2007

Date of Report (Date of earliest event reported)

Arch Capital Group Ltd.

(Exact name of registrant as specified in its charter)

Bermuda
(State or other
jurisdiction of
incorporation or
organization)

0-26456
(Commission File Number)

N/A
(I.R.S. Employer
Identification No.)

Wessex House, 45 Reid Street, Hamilton HM 12, 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):

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 February 12, 2007, Arch Capital Group Ltd. issued a press release reporting its earnings for the three month period and year ended December 31, 2006. A copy of this press release is attached to this Current Report on Form 8-K as Exhibit 99.1 and is incorporated herein by reference.

The information in this Current Report on Form 8-K, including the information set forth in Exhibit 99.1, 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 |
|------------|--|
| 99.1 | Press Release dated February 12, 2007 announcing the earnings of Arch Capital Group Ltd. for the three month period and year ended December 31, 2006 |

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 12, 2007

By: /s/ John D. Vollaro
Name: John D. Vollaro
Title: Executive Vice President, Chief Financial Officer
and Treasurer

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EXHIBIT INDEX

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