

(772) 617-4340

(Registrant's Telephone Number, Including Area Code)

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 (17CFR 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 May 2, 2012, ARMOUR Residential REIT, Inc. (the Company) issued a press release announcing its financial results for the first fiscal quarter ended March 31, 2012. A copy of the press release is furnished as Exhibit 99.1 to this current report on Form 8-K.

The information furnished pursuant to this Item 2.02, including Exhibit 99.1, shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act) or otherwise subject to liabilities under that section and shall not be deemed to be incorporated by reference into any filing of the Company under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01.

Financial Statements and Exhibits.

(c) Exhibits

Exhibit

No.

Description

| | |
|------|--|
| 99.1 | Press release of ARMOUR Residential REIT, Inc., dated March 31, 2012, regarding results of operations for the first fiscal quarter ended March 31, 2012. |
|------|--|

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.

Dated: May 2, 2012

ARMOUR RESIDENTIAL REIT, INC.

By: /s/ Jeffrey J. Zimmer

Name: Jeffrey J. Zimmer

Title: Co-Chief Executive Officer, Chief Financial Officer, President and Co-Vice Chairman

Exhibit Index

Exhibit

No.

Description

| | |
|------|--|
| 99.1 | Press release of ARMOUR Residential REIT, Inc., dated March 31, 2012, regarding results of operations for the first fiscal quarter ended March 31, 2012. |
|------|--|