

**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) **February 2, 2012**

ARMOUR Residential REIT, Inc.

(Exact Name of Registrant as Specified in Its Charter)

Maryland

001-33736

26-1908763

(State or Other Jurisdiction
of Incorporation)

(Commission File Number)

(I.R.S. Employer Identification No.)

**3001 Ocean Drive, Suite 201
Vero Beach, Florida**

32963

(Address of Principal Executive Offices)

(Zip Code)

(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 8.01. Other Items.

On February 2, 2012, the Company announced preliminary estimated earnings for the fourth quarter of 2011. A copy of the Company's press release is attached hereto as Exhibit 99.1 and incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

The following exhibit is filed with this Report pursuant to Item 601 of the Commission's Regulation S-K in lieu of filing the otherwise required exhibit to the Registration Statement. This Report is incorporated by reference into the Registration Statement, and, as such, the Company is incorporating by reference the exhibit to this Report to cause it to be incorporated by reference into the Registration Statement as an exhibit thereto. By filing this Report and the exhibit hereto, however, the Company does not believe that any of the information set forth herein or in the exhibit hereto represents, individually or in the aggregate, a "fundamental change" (as such term is used in Item 512(a)(1)(ii) of the Commission's Regulation S-K) in the information set forth in, and incorporated by reference into, the Registration Statement.

(c) Exhibits**Exhibit No. Description**

99.1 Press Release, dated February 2, 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: February 2, 2012

ARMOUR RESIDENTIAL REIT, INC.

By: /s/ Jeffrey J. Zimmer

Name: Jeffrey J. Zimmer

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

Exhibit Index

Exhibit No. Description

99.1 Press Release, dated February 2, 2012

**ARMOUR Residential REIT, Inc. Announces
Estimated Fourth Quarter 2011 Results and Select Financial Data**

VERO BEACH, Fla., February 2, 2012 (GLOBE NEWSWIRE) -- ARMOUR Residential REIT, Inc. (NYSE:ARR) and (NYSE Amex:ARR.WS) ("ARMOUR" or the "Company") today announced the preliminary estimated results and selected financial data provided below for the quarter ended December 31, 2011 and as of December 31, 2011.

- The Company expects to report taxable REIT income per share for the year ended December 31, 2011 in an amount that approximates dividends paid of \$1.40 per share with respect to such period.
- Q4 2011 GAAP earnings of \$23.0 million to \$25.0 million, or \$0.26 to \$0.28 on a weighted average per share basis.
- December 31, 2011 book value (shareholders' equity) of \$6.59 to \$6.63 per share.
- As of December 31, 2011, there were 95,436,949 common shares outstanding; as of January 27, 2012 there were 109,320,382 shares outstanding.

The preliminary estimated GAAP earnings and book value, as well as taxable REIT income, are subject to revision as we prepare our financial statements for the year ended and as of December 31, 2011, including all disclosures required by GAAP, and as our auditors conduct their audit of these financial statements. Factors that could cause these preliminary estimates to differ include, but are not limited to: (i) additional adjustments in the calculation of financial results for, or portfolio values as of, the year end date, or the application of accounting principles, (ii) discovery of new information that alters expectations about fourth quarter and year end results or impacts valuation methodologies underlying these results, (iii) errors in the assessment of portfolio value, and (iv) accounting changes required by GAAP.

ARMOUR Residential REIT, Inc.

ARMOUR is a Maryland corporation that invests primarily in hybrid adjustable rate, adjustable rate and fixed rate residential mortgage-backed securities, or RMBS, issued or guaranteed by U.S. Government-chartered entities. ARMOUR is externally managed and advised by ARMOUR Residential Management LLC ("ARRM" or "ARRM LLC"). ARMOUR Residential REIT, Inc. intends to qualify and has elected to be taxed as a REIT under the Internal Revenue Code for U.S. federal income tax purposes.

Safe Harbor

This press release includes "forward-looking statements" within the meaning of the safe harbor provisions of the United States Private Securities Litigation Reform Act of 1995. Actual results may differ from expectations, estimates and projections and, consequently, you should not rely on these forward looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believes," "predicts," "potential," "continue," and similar expressions are intended to identify such forward-looking statements. These forward-looking statements involve significant risks and uncertainties that could cause the actual results to differ materially from the expected results.

Additional information concerning these and other risk factors are contained in the Company's most recent filings with the Securities and Exchange Commission ("SEC"). All subsequent written and oral forward-looking statements concerning the Company are expressly qualified in their entirety by the cautionary statements above. The Company cautions readers not to place undue reliance upon any forward-looking statements, which speak only as of the date made. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in their expectations or any change in events, conditions or circumstances on which any such statement is based.

Additional Information and Where to Find It

Investors, security holders and other interested persons may find additional information regarding the Company at the SEC's Internet site at <http://www.sec.gov/>, or the Company website www.armourreit.com or by directing requests to: ARMOUR Residential REIT, Inc., 3001 Ocean Drive, Suite 201, Vero Beach, Florida 32963, Attention: Investor Relations.

CONTACT: Investor Contact
ARMOUR Residential REIT, Inc.
Jeffrey Zimmer, (772) 617-4340
Co-Chief Executive Officer, President and Vice Chairman
investors@armourreit.com

