UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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): May 5, 2020

Ellington Residential Mortgage REIT

(Exact name of registrant specified in its charter)

Maryland

(State or Other Jurisdiction Of Incorporation)

001-35896 (Commission File Number)

46-0687599 (IRS Employer Identification No.)

53 Forest Avenue Old Greenwich, CT 06870

(Address of principal executive offices, zip code)

Registrant's telephone number, including area code: (203) 698-1200

Not applicable

(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)) |
| Securities registered pursuant to Section 12(b) of the Act: |

| Title of Each Class | Trading Symbol(s) | Name of Each Exchange on Which Registered |
|--|-------------------|---|
| Common Shares of Beneficial Interest, \$0.01 par value per | | |
| share | EARN | The New York Stock Exchange |

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 2.02 Results of Operations and Financial Condition.

The information in this Item 2.02 and the disclosure incorporated by reference in Item 7.01 with respect to Exhibit 99.1 attached to this Current Report on Form 8-K are being furnished by Ellington Residential Mortgage REIT (the "Company") pursuant to Item 7.01 of Form 8-K in satisfaction of the public disclosure requirements of Regulation FD and Item 2.02 of Form 8-K, insofar as they disclose historical information regarding the Company's results of operations or financial condition for the quarter ended March 31, 2020.

On May 5, 2020, the Company issued a press release announcing its financial results for the quarter ended March 31, 2020. A copy of the press release is furnished herewith as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

In accordance with General Instructions B.2 and B.6 of Form 8-K, the information included in Item 2.02 and the disclosure incorporated by reference in Item 7.01 shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference into any filing made by the Company under the Exchange Act or the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such a filing.

Item 7.01 Regulation FD Disclosure.

The disclosure contained in Item 2.02 is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits. The following exhibit is being furnished herewith this Current Report on Form 8-K.

99.1 Earnings Press Release dated May 5, 2020.

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.

ELLINGTON RESIDENTIAL MORTGAGE REIT

Dated: May 5, 2020

By: /s/ Christopher Smernoff

Christopher Smernoff Chief Financial Officer

Ellington Residential Mortgage REIT Reports First Quarter 2020 Results

OLD GREENWICH, Connecticut—May 5, 2020

Ellington Residential Mortgage REIT (NYSE: EARN) (the "Company") today reported financial results for the quarter ended March 31, 2020.

Highlights

- Net loss of \$(16.7) million, or \$(1.35) per share.
- Core Earnings¹ of \$3.4 million, or \$0.27 per share.
- Book value of \$11.34 per share as of March 31, 2020, which includes the effect of a first quarter dividend of \$0.28 per share.
- Net interest margin² of 1.20%.
- Weighted average constant prepayment rate ("CPR") for the fixed-rate Agency specified pool portfolio of 15.4%.
- Dividend yield of 12.7% based on the May 4, 2020 closing stock price of \$8.83.
- Debt-to-equity ratio of 7.9:1 as of March 31, 2020; adjusted for unsettled purchases and sales, the debt-to-equity ratio was 7.2:1.
- Net mortgage assets-to-equity ratio of 5.6:1³ as of March 31, 2020.
- Cash and cash equivalents of \$59.7 million as of March 31, 2020, in addition to other unencumbered assets of \$12.1 million.
- Repurchased 136,142 shares during the quarter, or approximately 1% of our outstanding shares as of the beginning of the quarter, at an average price of \$7.24 per share.

First Quarter 2020 Results

"The spread of COVID-19 generated severe dislocations in virtually all financial markets, and the residential mortgage market was not spared. The first quarter of 2020 will be remembered as one of the most challenging environments for leveraged mortgage portfolios in recent history," said Laurence Penn, Chief Executive Officer and President. "By mid-March, yield spreads on Agency RMBS had skyrocketed to their widest levels since the financial crisis, as we saw forced selling not only in virtually all risk asset classes, but in many perceived safe haven asset classes as well. In response, the Federal Reserve stepped in with unprecedented levels of quantitative easing, which provided meaningful stability, especially to the more liquid sectors of the market. During the quarter, yields on long-term U.S. Treasuries plummeted to record-low levels, as did mortgage rates.

"For EARN, the precipitous decline in interest rates and high levels of interest rate volatility generated net losses on our hedges, and while our Agency RMBS assets did rally in price during the quarter, they significantly underperformed our hedges. As a result, we experienced a significant net loss for the quarter. In light of the heightened levels of market volatility and systemic liquidity risk, we proactively reduced the size of our Agency portfolio by 25%, thereby bolstering our liquidity and lowering our leverage. By reducing our Agency portfolio in an orderly and measured way, we entirely avoided any forced asset sales, which would have exacerbated losses. As we reported in early April, we met all margin calls during the quarter. While losses are always disappointing, I believe—given that leveraged mortgage portfolios were in the crosshairs of the distress in the financial markets this past quarter—that it is a testament to our portfolio management, risk management, and liquidity management capabilities that we were able to limit those losses and preserve book value per share to the extent we did.

"Moving forward, the investment opportunities look exceptional given the continued dislocations in most sectors of the residential mortgage market. Net interest margins available in many RMBS sectors are the widest we've seen in years, and given our strong liquidity position, we believe that we are in an excellent position to take advantage of these opportunities. At the same time, in this volatile and uncertain environment, we believe that our disciplined approach to risk management and liquidity management will continue to be critical in the months ahead."

¹ Core Earnings is a non-GAAP financial measure. See "Reconciliation of Core Earnings to Net Income (Loss)" below for an explanation regarding the calculation of Core Earnings. ² Net interest margin excludes the effect of the Catch-up Premium Amortization Adjustment.

³ The Company defines its net mortgage assets-to-equity ratio as the net aggregate market value of its mortgage-backed securities (including the underlying market values of its long and short TBA positions) divided by total shareholders' equity. As of March 31, 2020 the market value of the Company's mortgage-backed securities and its net short TBA position was \$1.05 billion and \$(266.5) million, respectively, and total shareholders' equity was \$139.7 million.

Financial Results

The following table summarizes the Company's portfolio of RMBS as of March 31, 2020 and December 31, 2019:

| | March 31, 2020 | | | | December 31, 2019 | | | | | |
|--------------------------------------|----------------------|--------------|---------------------------------|--------------|--------------------------------|----------------------|--------------|---------------------------------|--------------|--------------------------------|
| (In thousands) | Current Principal | Fair Value | Average Price ⁽¹⁾ | Cost | Average Cost ⁽¹⁾ | Current Principal | Fair Value | Average Price ⁽¹⁾ | Cost | Average Cost ⁽¹⁾ |
| Agency RMBS ⁽²⁾ | | | | | | | | | | |
| 15-year fixed-rate mortgages | \$ 124,511 | \$ 132,375 | \$ 106.32 | \$ 127,030 | \$ 102.02 | \$ 173,350 | \$ 181,231 | \$ 104.55 | \$ 176,848 | \$ 102.02 |
| 20-year fixed-rate mortgages | 1,087 | 1,187 | 109.20 | 1,165 | 107.18 | 1,276 | 1,385 | 108.54 | 1,356 | 106.27 |
| 30-year fixed-rate mortgages | 708,062 | 765,220 | 108.07 | 738,821 | 104.34 | 996,451 | 1,058,878 | 106.26 | 1,041,550 | 104.53 |
| ARMs | 28,823 | 30,233 | 104.89 | 29,836 | 103.51 | 32,122 | 33,255 | 103.53 | 33,049 | 102.89 |
| Reverse mortgages | 90,656 | 98,357 | 108.49 | 97,215 | 107.24 | 91,560 | 99,934 | 109.15 | 98,407 | 107.48 |
| Total Agency RMBS | 953,139 | 1,027,372 | 107.79 | 994,067 | 104.29 | 1,294,759 | 1,374,683 | 106.17 | 1,351,210 | 104.36 |
| Non-Agency RMBS | 10,507 | 7,520 | 71.57 | 6,620 | 63.01 | 10,947 | 8,851 | 80.85 | 6,924 | 63.25 |
| Total RMBS ⁽²⁾ | 963,646 | 1,034,892 | 107.39 | 1,000,687 | 103.84 | 1,305,706 | 1,383,534 | 105.96 | 1,358,134 | 104.02 |
| Agency IOs | n/a | 15,629 | n/a | 17,266 | n/a | n/a | 18,244 | n/a | 17,795 | n/a |
| Total mortgage- backed securities | | \$ 1,050,521 | _ | \$ 1,017,953 | = | | \$ 1,401,778 | | \$ 1,375,929 | |

(1) Represents the dollar amount (not shown in thousands) per \$100 of current principal of the price or cost for the security.

(2) Excludes Agency IOs.

The Company's overall RMBS portfolio decreased by 25% to \$1.051 billion as of March 31, 2020, as compared to \$1.402 billion as of December 31, 2019. In response to the volatility of the first quarter, the Company strategically reduced the size of its portfolio in order to lower its leverage and enhance its liquidity position. The Company's Agency RMBS portfolio turnover was 31% for the quarter, as compared to 5% in the prior quarter, and generated net realized gains on our Agency RMBS of \$4.0 million.

Primarily as a result of asset sales, the Company's net mortgage assets-to-equity ratio declined to 5.6:1 as of March 31, 2020, as compared to 7.6:1 as of December 31, 2019. The Company's debt-to-equity ratio, adjusted for unsettled purchases and sales, declined to 7.2:1 as of March 31, 2020, as compared to 8.1:1 as of December 31, 2019. Substantially all of the Company's borrowings were secured by specified pools as of March 31, 2020. The Company satisfied all of its margin calls under its financing arrangements during the quarter.

As of March 31, 2020, the Company had cash and cash equivalents of approximately \$59.7 million, along with other unencumbered assets of \$12.1 million.

The Company had a net loss for the quarter, as declining interest rates and high levels of interest rate volatility generated net realized and unrealized losses on interest rate hedges which, combined with operating expenses, exceeded net interest income and net realized and unrealized gains on Agency RMBS investments. With heightened interest rate volatility and a flight to the perceived safe haven of U.S. Treasury securities, yield spreads widened on Agency pools across the board. Furthermore, TBAs outperformed specified pools during the quarter, depressing pay-ups on the Company's specified pool portfolio. The underperformance of specified pools relative to TBAs can be attributed to quarter-end balance sheet pressures, as well as to the implementation of the Federal Reserve's amplified asset purchase program during the quarter, which was generally limited to TBAs and generic pools, as opposed to specified pools with pay-ups. Despite the drop in mortgage rates during the quarter, average pay-ups on the Company's specified pools decreased to 1.67% as of March 31, 2020, as compared to 2.05% as of December 31, 2019. Pay-ups are price premiums for specified pools relative to their TBA counterparts. During the quarter the Company continued to hedge interest rate risk, primarily through the use of interest rate swaps, and to a lesser extent through the use of short positions in TBAs, U.S. Treasury securities, and futures. While TBAs outperformed specified pools during the quarter, they severely underperformed interest rate swaps and U.S. Treasury securities, so the Company benefited by having a portion of its interest rate hedges in TBA shorts as opposed to interest rate swaps.

In the Company's non-Agency RMBS portfolio, as with most other fixed income credit assets, yield spreads widened substantially and resulted in mark-tomarket losses for the quarter. Given this substantial yield spread widening, the Company is currently considering increasing its capital allocation to this sector.

Core Earnings and net interest margin increased quarter over quarter driven by a lower cost of funds, mainly on the Company's repo borrowings, which more than offset lower asset yields.

Reconciliation of Core Earnings to Net Income (Loss)

Core Earnings consists of net income (loss), excluding realized and change in net unrealized gains and (losses) on securities and financial derivatives, and excluding, if applicable, any non-recurring items of income or loss. Core Earnings also excludes the effect of the Catch-up Premium Amortization Adjustment on interest income. The Catch-up Premium Amortization Adjustment is a quarterly adjustment to premium amortization triggered by changes in actual and projected prepayments on the Company's Agency RMBS (accompanied by a corresponding offsetting adjustment to realized and unrealized gains and losses). The adjustment is calculated as of the beginning of each quarter based on the Company's then-current assumptions about cashflows and prepayments, and can vary significantly from quarter to quarter. Core Earnings includes net realized and change in net unrealized gains (losses) associated with periodic settlements on interest rate swaps.

Core Earnings is a supplemental non-GAAP financial measure. The Company believes that Core Earnings provides information useful to investors because it is a metric that the Company uses to assess its performance and to evaluate the effective net yield provided by the portfolio. Moreover, one of the Company's objectives is to generate income from the net interest margin on the portfolio, and Core Earnings is used to help measure the extent to which this objective is being achieved. In addition, the Company believes that presenting Core Earnings enables its investors to measure, evaluate and compare its operating performance to that of its peer companies. However, because Core Earnings is an incomplete measure of the Company's financial results and differs from net income (loss) computed in accordance with GAAP, it should be considered as supplementary to, and not as a substitute for, net income (loss) computed in accordance with GAAP.

The following table reconciles, for the three-month periods ended March 31, 2020 and December 31, 2019, the Company's Core Earnings to the line on the Company's Consolidated Statement of Operations entitled Net Income (Loss), which the Company believes is the most directly comparable GAAP measure:

| | Three-Month Period Ended | | | | |
|--|--------------------------|---------------|-------------------|------------|--|
| (In thousands except share amounts) | | arch 31, 2020 | December 31, 2019 | | |
| Net Income (Loss) | | (16,745) | \$ | 9,706 | |
| Adjustments: | | | | | |
| Net realized (gains) losses on securities | | (1,093) | | (972) | |
| Change in net unrealized (gains) losses on securities | | (6,768) | | (3,691) | |
| Net realized (gains) losses on financial derivatives | | 6,499 | | 16,251 | |
| Change in net unrealized (gains) losses on financial derivatives | | 20,600 | | (21,199) | |
| Net realized gains (losses) on periodic settlements of interest rate swaps | | 1,333 | | (1,717) | |
| Change in net unrealized gains (losses) on accrued periodic settlements of interest rate swaps | | (1,149) | | 1,954 | |
| Negative (positive) component of interest income represented by Catch-up Premium Amortization Adjustment | | 683 | | 2,493 | |
| Subtotal | | 20,105 | | (6,881) | |
| Core Earnings | | 3,360 | \$ | 2,825 | |
| Weighted Average Shares Outstanding | | 12,434,755 | | 12,449,936 | |
| Core Earnings Per Share | \$ | 0.27 | \$ | 0.23 | |

About Ellington Residential Mortgage REIT

Ellington Residential Mortgage REIT is a mortgage real estate investment trust that specializes in acquiring, investing in and managing residential mortgage- and real estate-related assets, with a primary focus on residential mortgage-backed securities for which the principal and interest payments are guaranteed by a U.S. government Agency or a U.S. government-sponsored enterprise. Ellington Residential Mortgage REIT is externally managed and advised by Ellington Residential Mortgage Management LLC, an affiliate of Ellington Management Group, L.L.C.



Conference Call

The Company will host a conference call at 11:00 a.m. Eastern Time on Wednesday, May 6, 2020, to discuss its financial results for the quarter ended March 31, 2020. To participate in the event by telephone, please dial (877) 437-3698 at least 10 minutes prior to the start time and reference the conference ID number 2475019. International callers should dial (810) 740-4679 and reference the same conference ID number. The conference call will also be webcast live over the Internet and can be accessed via the "For Our Shareholders" section of the Company's web site at www.earnreit.com. To listen to the live webcast, please visit www.earnreit.com at least 15 minutes prior to the start of the call to register, download, and install necessary audio software. In connection with the release of these financial results, the Company also posted an investor presentation, that will accompany the conference call, on the Company's website at www.earnreit.com under "For Our Shareholders—Presentations."

A dial-in replay of the conference call will be available on Wednesday, May 6, 2020, at approximately 2:00 p.m. Eastern Time through Wednesday, May 20, 2020 at approximately 11:59 p.m. Eastern Time. To access this replay, please dial (800) 585-8367 and enter the conference ID number 2475019. International callers should dial (404) 537-3406 and enter the same conference ID number. A replay of the conference call will also be archived on the Company's web site at www.earnreit.com.

Cautionary Statement Regarding Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve numerous risks and uncertainties. Actual results may differ from the Company's beliefs, expectations, estimates, and projections and, consequently, you should not rely on these forward-looking statements as predictions of future events. Forward-looking statements are not historical in nature and can be identified by words such as "believe," "expect," "anticipate," "estimate," "project," "plan," "continue," "intend," "should," "would," "could," "goal," "objective," "will," "may," "seek," or similar expressions or their negative forms, or by references to strategy, plans, or intentions. Examples of forward-looking statements in this press release include, without limitation, the Company's beliefs regarding the current economic and investment environment, the Company's ability to implement its investment and hedging strategies, the Company's future prospects and the protection of the Company's net interest margin from prepayments, volatility and its impact on the Company, the performance of the Company's investment and hedging strategies, the Company's exposure to prepayment risk in the Company's Agency portfolio, and statements regarding the drivers of the Company's returns. The Company's results can fluctuate from month to month and from quarter to quarter depending on a variety of factors, some of which are beyond the Company's control and/or are difficult to predict, including, without limitation, changes in interest rates and the market value of the Company's securities, changes in mortgage default rates and prepayment rates, the Company's ability to borrow to finance its assets, changes in government regulations affecting the Company's business, the Company's ability to maintain its exclusion from registration under the Investment Company Act of 1940 and other changes in market conditions and economic trends, including changes resulting from the ongoing spread and economic effects of the novel coronavirus (COVID-19). Furthermore, forward-looking statements are subject to risks and uncertainties, including, among other things, those described in Item 1A of the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2019 filed on March 12, 2020 which can be accessed through the link to the Company's SEC filings under "For Our Shareholders" on the Company's website (www.earnreit.com) or at the SEC's website (www.sec.gov). Other risks, uncertainties, and factors that could cause actual results to differ materially from those projected or implied may be described from time to time in reports we file with the SEC, including reports on Forms 10-Q, 10-K and 8-K. We undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

ELLINGTON RESIDENTIAL MORTGAGE REIT CONSOLIDATED STATEMENT OF OPERATIONS (UNAUDITED)

| | | Three-Month Period Ended | | | |
|--|----|--------------------------|----|-------------------|--|
| | M | March 31, 2020 | | December 31, 2019 | |
| (In thousands except share amounts) | | | | | |
| INTEREST INCOME (EXPENSE) | | | | | |
| Interest income | \$ | 9,881 | \$ | 8,609 | |
| Interest expense | | (6,100) | | (7,239) | |
| Total net interest income | | 3,781 | | 1,370 | |
| EXPENSES | | | | | |
| Management fees to affiliate | | 526 | | 606 | |
| Professional fees | | 208 | | 163 | |
| Compensation expense | | 151 | | 113 | |
| Insurance expense | | 76 | | 73 | |
| Other operating expenses | | 327 | | 320 | |
| Total expenses | | 1,288 | | 1,275 | |
| OTHER INCOME (LOSS) | | | | | |
| Net realized gains (losses) on securities | | 1,093 | | 972 | |
| Net realized gains (losses) on financial derivatives | | (6,499) | | (16,251) | |
| Change in net unrealized gains (losses) on securities | | 6,768 | | 3,691 | |
| Change in net unrealized gains (losses) on financial derivatives | | (20,600) | | 21,199 | |
| Total other income (loss) | | (19,238) | | 9,611 | |
| NET INCOME (LOSS) | \$ | (16,745) | \$ | 9,706 | |
| NET INCOME (LOSS) PER COMMON SHARE: | | <u> </u> | | | |
| Basic and Diluted | \$ | (1.35) | \$ | 0.78 | |
| WEIGHTED AVERAGE SHARES OUTSTANDING | | 12,434,755 | | 12,449,936 | |
| CASH DIVIDENDS PER SHARE: | | | | | |
| Dividends declared | \$ | 0.28 | \$ | 0.28 | |
| | | | | | |

ELLINGTON RESIDENTIAL MORTGAGE REIT CONSOLIDATED BALANCE SHEET (UNAUDITED)

| | As of | | | |
|---|-------|---------------|-------------------------------------|-----------|
| | Ma | arch 31, 2020 | December 31, 2019 ⁽¹⁾ | |
| (In thousands except share amounts) | | | | |
| ASSETS | | | | |
| Cash and cash equivalents | \$ | 59,671 | \$ | 35,351 |
| Mortgage-backed securities, at fair value | | 1,050,521 | | 1,401,778 |
| Other investments, at fair value | | 355 | | |
| Due from brokers | | 49,966 | | 34,596 |
| Financial derivatives–assets, at fair value | | 1,732 | | 4,180 |
| Reverse repurchase agreements | | 2,218 | | 2,084 |
| Receivable for securities sold | | 111,596 | | 5,500 |
| Interest receivable | | 4,219 | | 5,016 |
| Other assets | | 867 | | 604 |
| Total Assets | \$ | 1,281,145 | \$ | 1,489,109 |
| LIABILITIES AND SHAREHOLDERS' EQUITY | | | | |
| LIABILITIES | | | | |
| Repurchase agreements | \$ | 1,109,342 | \$ | 1,296,272 |
| Payable for securities purchased | | | | 19,433 |
| Due to brokers | | 2,348 | | 33 |
| Financial derivatives–liabilities, at fair value | | 20,234 | | 2,047 |
| U.S. Treasury securities sold short, at fair value | | 2,154 | | 2,070 |
| Dividend payable | | 3,449 | | 3,488 |
| Accrued expenses | | 690 | | 588 |
| Management fee payable to affiliate | | 526 | | 605 |
| Interest payable | | 2,679 | | 3,729 |
| Total Liabilities | | 1,141,422 | | 1,328,265 |
| SHAREHOLDERS' EQUITY | | | | |
| Preferred shares, par value \$0.01 per share, 100,000,000 shares authorized; (0 shares issued and outstanding, respectively) | | | | _ |
| Common shares, par value \$0.01 per share, 500,000,000 shares authorized; (12,319,616 and 12,455,758 shares issued and outstanding, respectively) | | 123 | | 124 |
| Additional paid-in-capital | | 229,432 | | 230,358 |
| Accumulated deficit | | (89,832) | | (69,638) |
| Total Shareholders' Equity | | 139,723 | | 160,844 |
| Total Liabilities and Shareholders' Equity | \$ | 1,281,145 | \$ | 1,489,109 |
| PER SHARE INFORMATION | | | | |
| Common shares, par value \$0.01 per share | \$ | 11.34 | \$ | 12.91 |
| (1) Derived from audited financial statements as of December 31, 2019. | * | • | - | |

(1) Derived from audited financial statements as of December 31, 2019.