

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 19340

Date of Report (Date of Earliest Event Reported): **May 2, 2007**

MFA MORTGAGE INVESTMENTS, INC.

(Exact Name of Registrant as Specified in Charter)

Maryland

(State or Other Jurisdiction
of Incorporation)

1-13991

(Commission
File No.)

13-3974868

(IRS Employer
Identification No.)

350 Park Avenue, 21st Floor, New York, New York 10022

(Address of Principal Executive Office) (Zip Code)

Registrant's Telephone Number, Including Area Code: **(212) 207-6400**

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))

ITEM 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

MFA Mortgage Investments, Inc. ("MFA") issued a press release, dated May 2, 2007, announcing its financial results for the quarter ended March 31, 2007, which is attached hereto as Exhibit 99.1 and incorporated herein by reference.

The information referenced in this Current Report on Form 8-K (including Exhibit 99.1 referenced in Items 7.01 and 9.01 below) is being "furnished" under "Item 2.02. Results of Operations and Financial Condition" and "Item 7.01. Regulation FD Disclosure" and, as such, shall not be deemed to be "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. The information set forth in this Current Report on Form 8-K (including Exhibit 99.1 referenced in Items 7.01 and 9.01 below) shall not be incorporated by reference into any registration statement or other document filed by MFA pursuant to the Securities Act of 1933, as amended (the "Securities Act"), except as shall be expressly set forth by specific reference in such filing.

As discussed therein, the press release contains forward-looking statements within the meaning of the Securities Act and the Exchange Act and, as such, may involve known and unknown risks, uncertainties and assumptions. These forward-looking statements relate to MFA's current expectations and are subject to the limitations and qualifications set forth in the press release as well as in MFA's other documents filed with the SEC, including, without limitation, that actual events and/or results may differ materially from those projected in such forward-looking statements.

ITEM 7.01. REGULATION FD DISCLOSURE.

As discussed in Item 2.02 above, MFA issued a press release, dated May 2, 2007, announcing its financial results for the quarter ended March 31, 2007, the text of which is incorporated herein by reference.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(c) Exhibits.

99.1 Press Release, dated May 2, 2007, announcing MFA's financial results for the quarter ended March 31, 2007.

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.

MFA MORTGAGE INVESTMENTS, INC.

By: /s/ Timothy W. Korth

Timothy W. Korth
General Counsel and Senior Vice President –
Business Development

Date: May 2, 2007

MFA

MORTGAGE INVESTMENTS, INC.

350 Park Avenue
NEW YORK, NEW YORK 10022



PRESS RELEASE

May 2, 2007

**CONTACT: MFA Investor Relations
800-892-7547
www.mfa-reit.com**

FOR IMMEDIATE RELEASE

NEW YORK METRO

NYSE: MFA

**MFA Mortgage Investments, Inc.
Announces First Quarter 2007 Financial Results**

MFA Mortgage Investments, Inc. (NYSE:MFA) today reported earnings available to common stockholders of \$7.8 million, or \$0.10 per share of common stock, for the first quarter ended March 31, 2007. On April 3, 2007, MFA announced its first quarter dividend of \$0.08 per share of common stock. The dividend was paid on April 30, 2007 to stockholders of record as of April 13, 2007.

Stewart Zimmerman, MFA's Chairman of the Board, Chief Executive Officer and President, said, "We are pleased with our investment strategy and our first quarter 2007 financial results especially in light of the well-publicized increase in mortgage default rates and the financial difficulties of several mortgage REITs that focus on mortgage origination. At March 31, 2007, 99% of our assets were agency MBS, other AAA-rated MBS, MBS-receivables and cash. We continue to predominately invest in higher quality assets as we remain concerned about negative housing price trends."

Mr. Zimmerman continued, "While the recent prolonged period of monetary tightening increased the target federal funds rate from 1.00% to 5.25%, the ten-year treasury rate stands at approximately 4.65%, resulting in an inverted yield curve. Despite this inverted yield curve, we have been able to increase our common stock dividend in each of the last two quarters. In this interest rate environment, a fully indexed adjustable rate mortgage has a higher rate than a 30-year fixed rate mortgage. Newly originated adjustable rate mortgages are generally 5/1 or 7/1 hybrids that have initial fixed term rates approximately 25 basis points lower than 30-year fixed rate mortgages and often feature an interest-only period. When the yield curve is inverted, we believe that as the fixed rate period of a hybrid mortgage ends and the rate becomes adjustable, the homeowner is likely to prepay and refinance rather than pay the higher fully-indexed rate. Historically, the yield curve has predominately had a positive slope and we believe that this period of yield curve inversion will not continue over the long term. When we again have a more normal yield curve, with short-term rates lower than long-term rates, we foresee a return to higher spreads for MFA."

“Core inflation measures continue to remain somewhat elevated relative to the U.S. Federal Reserve’s goal of 1% to 2%. While the Fed continues to expect that core inflation will slow gradually, recent data on inflation, productivity growth and energy prices have increased the odds that inflation may not moderate as expected. Considering the U.S. economy’s recent moderate growth rate and the weaker housing market, but with inflation risks still the predominant concern, future Federal Reserve actions are presently uncertain and remain dependent on future incoming data.”

Mr. Zimmerman stated, “In the first quarter of 2007, we were able to identify attractive investment opportunities to replace our MBS prepayments. MFA’s MBS portfolio, which had increased to \$6.34 billion as of December 31, 2006, increased slightly to \$6.39 billion as of March 31, 2007. MFA’s leverage as measured by debt-to-equity, was 8.3:1 as of March 31, 2007 versus 8.4:1 at the end of 2006.”

Mr. Zimmerman added, “MFA’s primary focus is high quality, higher coupon hybrid and adjustable-rate MBS assets. The MBS in MFA’s portfolio are primarily adjustable-rate or hybrids, which have an initial fixed interest rate for a specified period of time and, thereafter, generally reset annually. The average coupon on MFA’s MBS portfolio was 6.11% as of March 31, 2007. Assuming a 25% Constant Prepayment Rate (“CPR”), approximately 44% of the MBS in MFA’s portfolio are expected to prepay or have their interest rates reset within the next 12 months, with a total of 96% expected to reset or prepay during the next 60 months.”

MFA takes into account both coupon resets and expected prepayments when measuring the sensitivity of its MBS portfolio to changing interest rates. In measuring its assets-to-borrowing repricing gap (the “Repricing Gap”), MFA measures the difference between: (a) the weighted average months until coupon adjustment or projected prepayment on its MBS portfolio; and (b) the months remaining on its repurchase agreements including the impact of interest rate swap agreements. Assuming a 25% CPR, the weighted average time to repricing or assumed prepayment for MFA’s MBS portfolio, as of March 31, 2007, was approximately 24 months and the average term remaining on its repurchase agreements, including the impact of interest rate swaps, was approximately 16 months, resulting in a Repricing Gap of approximately eight months. The prepayment speed on MFA’s MBS portfolio averaged 24% CPR during the first quarter of 2007. Prepayment speeds tend to follow a seasonal trend, usually increasing in the second quarter from the first quarter.

During the first quarter of 2007, the gross yield on MFA’s interest-earning assets was approximately 6.11%, while the net yield on interest-earning assets was reduced to 5.35%, primarily due to the cost of premium amortization on MFA’s MBS portfolio. The portfolio spread, which is the difference between MFA’s interest-earning asset portfolio net yield of 5.35% and its 5.19% cost of funds, was 0.16% for the first quarter of 2007. MFA’s costs for compensation and benefits and other general and administrative expense were \$2.8 million for the quarter ended March 31, 2007. As of March 31, 2007, book value per share of common stock was \$7.41.

Stockholders interested in participating in MFA's Discount Waiver, Direct Stock Purchase and Dividend Reinvestment Plan (the "Plan") or receiving a Plan prospectus may do so by contacting Mellon Investor Services, the Plan administrator, at 1-866-249-2610 (toll free). For more information about the Plan, interested stockholders may also go to the website established for the Plan at <http://www.melloninvestor.com> or visit MFA's website at <http://www.mfa-reit.com>.

MFA will hold a conference call on Wednesday, May 2, 2007, at 10:00 a.m. (New York City time) to discuss its first quarter 2007 financial results. The number to dial in order to listen to the conference call is (866) 219-5631 in the U.S. and Canada. International callers must dial (703) 639-1122. The replay will be available through Wednesday, May 9, 2007, at 11:59 p.m., and can be accessed by dialing (800) 475-6701 in the U.S. and Canada or (320) 365-3844 internationally and entering access code: 872439. The conference call will also be webcast over the internet and can be accessed at <http://www.mfa-reit.com> through the appropriate link on MFA's Investor Relations page or, alternatively, at <http://www.ccbn.com>. To listen to the call over the internet, go to the applicable website at least 15 minutes before the call to register and to download and install any needed audio software.

When used in this press release or other written or oral communications, statements which are not historical in nature, including those containing words such as "anticipate," "estimate," "should," "expect," "believe," "intend" and similar expressions, are intended to identify "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and, as such, may involve known and unknown risks, uncertainties and assumptions. These forward-looking statements are subject to various risks and uncertainties, including, but not limited to, those relating to: changes in interest rates and the market value of MFA's MBS; changes in the prepayment rates on the mortgage loans securing MFA's MBS; MFA's ability to use borrowings to finance its assets; changes in government regulations affecting MFA's business; MFA's ability to maintain its qualification as a REIT for federal income tax purposes; and risks associated with investing in real estate assets, including changes in business conditions and the general economy. These and other risks, uncertainties and factors, including those described in the annual, quarterly and current reports that MFA files with the SEC, could cause MFA's actual results to differ materially from those projected in any forward-looking statements it makes. All forward-looking statements speak only as of the date they are made and MFA does not undertake, and specifically disclaims, any obligation to update or revise any forward-looking statements to reflect events or circumstances occurring after the date of such statements.

MFA MORTGAGE INVESTMENTS, INC.
CONSOLIDATED BALANCE SHEETS

<i>(In Thousands, Except Per Share Amounts)</i>	March 31, 2007	December 31, 2006
	(Unaudited)	
Assets:		
MBS, at fair value (including pledged MBS of \$6,094,399 and \$6,065,021 at March 31, 2007 and December 31, 2006, respectively)	\$ 6,385,605	\$ 6,340,668
Income notes	1,980	—
Cash and cash equivalents	53,697	47,200
Accrued interest receivable	33,437	33,182
Interest rate caps, at fair value	129	361
Swaps, at fair value	526	2,412
Real estate	11,724	11,789
Goodwill	7,189	7,189
Prepaid and other assets	1,607	1,166
	\$ 6,495,894	\$ 6,443,967
Liabilities:		
Repurchase agreements	\$ 5,763,357	\$ 5,722,711
Accrued interest payable	21,415	23,164
Mortgages payable on real estate	9,573	9,606
Swaps, at fair value	4,707	1,893
Dividends payable	—	4,899
Accrued expenses and other liabilities	2,187	3,136
	5,801,239	5,765,409
Commitments and contingencies		
Stockholders' Equity:		
Preferred stock, \$.01 par value; series A 8.50% cumulative redeemable; 5,000 shares authorized; 3,840 shares issued and outstanding at March 31, 2007 and December 31, 2006 (\$96,000 aggregate liquidation preference)	38	38
Common stock, \$.01 par value; 370,000 shares authorized; 80,764 and 80,695 issued and outstanding at March 31, 2007 and December 31, 2006, respectively	808	807
Additional paid-in capital, in excess of par	777,280	776,743
Accumulated deficit	(60,827)	(68,637)
Accumulated other comprehensive loss	(22,644)	(30,393)
	694,655	678,558
Total Stockholders' Equity	694,655	678,558
Total Liabilities and Stockholders' Equity	\$ 6,495,894	\$ 6,443,967

MFA MORTGAGE INVESTMENTS, INC.
CONSOLIDATED STATEMENTS OF RESULTS OF OPERATIONS

For the Three Months Ended
March 31,

(In Thousands, Except Per Share Amounts)

	2007	2006
	(Unaudited)	
Interest Income:		
MBS income	\$ 84,341	\$ 53,329
Interest income on short-term cash investments	448	666
Interest income on income notes	6	—
Interest Income	84,795	53,995
Interest Expense	72,260	42,785
Net Interest Income	12,535	11,210
Other Income:		
Net gain on sale of MBS	3	1,597
Revenue from operations of real estate	413	382
Miscellaneous other income, net	115	239
Other Income	531	2,218
Operating and Other Expense:		
Compensation and benefits	1,612	1,558
Real estate operating expense	253	245
Mortgage interest on real estate	167	173
Other general and administrative expense	1,184	1,117
Operating and Other Expense	3,216	3,093
Income from Continuing Operations	9,850	10,335
Discontinued Operations:		
Loss from discontinued operations, net	—	(77)
Mortgage prepayment penalty	—	(135)
Gain on sale of real estate, net of tax	—	4,840
Income from Discontinued Operations	—	4,628
Net Income Before Preferred Stock Dividends	9,850	14,963
Less: Preferred Stock Dividends	2,040	2,040
Net Income Available to Common Stockholders	\$ 7,810	\$ 12,923
Earnings Per Share of Common Stock:		
Income from continuing operations - basic and diluted	\$ 0.10	\$ 0.10
Income from discontinued operations - basic and diluted	—	0.06
Earnings per share of common stock - basic and diluted	\$ 0.10	\$ 0.16