

LUMINENT MORTGAGE CAPITAL INC  
Form 8-K  
May 30, 2007

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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):

May 29, 2007

Luminent Mortgage Capital, Inc.

(Exact name of registrant as specified in its charter)

Maryland

012-36309

06-1694835

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

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

101 California Street, Suite 1350, San  
Francisco, California

94111

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

415 217-4500

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))



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**Item 7.01 Regulation FD Disclosure.**

On May 29, 2007, we issued a press release that provided loan level credit performance for its hybrid and pay-option mortgage loans at nine months of seasoning relative to the comparable nine-month seasoned credit performance of several well-known Alt-A residential mortgage-backed securities shelves as published in the Merrill Lynch Mortgage Investor on May 17, 2007.

Exhibits

99.1 Press Release of the Registrant dated May 29, 2007

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**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.

Luminent Mortgage Capital, Inc.

May 29, 2007

By: */s/ Christopher J. Zyda*

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*Name: Christopher J. Zyda  
Title: Chief Financial Officer*

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Exhibit Index

<b><u>Exhibit No.</u></b>	<b><u>Description</u></b>
99.1	Press Release of the Registrant dated May 29, 2007