

LUMINENT MORTGAGE CAPITAL INC  
 Form 4  
 September 18, 2007

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2005  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Melton Eleanor C

2. Issuer Name and Ticker or Trading Symbol  
 LUMINENT MORTGAGE CAPITAL INC [LUM]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
X Officer (give title below) \_\_\_ Other (specify below)  
 SVP and Chief Credit Officer

(Last) (First) (Middle)  
 101 CALIFORNIA STREET, SUITE 1350  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 09/14/2007

SAN FRANCISCO, CA 94111

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
X Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------|
| Common Stock                    | 09/14/2007                           | 09/14/2007                                         | S <sup>(1)</sup>               | V Amount (D) \$ 7,206 1.3245                                      | 15,877                                                                                        | D                                                        |                                            |
| Common Stock                    |                                      |                                                    |                                |                                                                   | 400                                                                                           | I                                                        | by spouse                                  |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------|----------------------------------------------------|
|                                            |                                                        |                                      |                                                    |                                |                                                                                         | Date Exercisable                                         | Expiration Date                                               | Title                                      | Amount or Number of Shares                         |
|                                            |                                                        |                                      |                                                    |                                |                                                                                         | Code                                                     | V (A) (D)                                                     |                                            |                                                    |

## Reporting Owners

| Reporting Owner Name / Address                                                   | Relationships |           |                                    |       |
|----------------------------------------------------------------------------------|---------------|-----------|------------------------------------|-------|
|                                                                                  | Director      | 10% Owner | Officer                            | Other |
| Melton Eleanor C<br>101 CALIFORNIA STREET, SUITE 1350<br>SAN FRANCISCO, CA 94111 |               |           | SVP and<br>Chief Credit<br>Officer |       |

## Signatures

/s/ KATE O'BRIEN Attorney-in-fact for Eleanor C.  
Melton

09/18/2007

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Sale to the company to satisfy tax liability upon vesting of restricted stock.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.