

CAPSTEAD MORTGAGE CORP
 Form 4
 February 13, 2008

FORM 4

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

OMB APPROVAL

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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 *
SPEARS ROBERT R JR

2. Issuer Name and Ticker or Trading Symbol
**CAPSTEAD MORTGAGE CORP
 [CMO]**

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
**8401 N. CENTRAL
 EXPRESSWAY, SUITE 800**
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
02/12/2008

____ Director
 Officer (give title below) _____ Other (specify below)
Executive Vice President

DALLAS, TX 75225

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	02/12/2008		M	A	25,000	\$ 7.82	152,976 D
Common Stock	02/12/2008		M	A	6,250	\$ 7.58	159,226 D
Common Stock	02/12/2008		F(1)	V	18,329	\$ 17.75	140,897 D

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

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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)	Amount or Number of Shares
				Code V (A) (D)		Date Exercisable Expiration Date	Title	
Nonqualified Employee Stock Option (right to buy)	\$ 7.58	02/12/2008		M	6,250	<u>(2)</u> 04/24/2016	Common Stock	6,250
Nonqualified Employee Stock Option (right to buy)	\$ 7.82	02/12/2008		M	25,000	<u>(3)</u> 05/13/2015	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SPEARS ROBERT R JR 8401 N. CENTRAL EXPRESSWAY SUITE 800 DALLAS, TX 75225			Executive Vice President	

Signatures

Robert R.
Spears, Jr. 02/13/2008

__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) Shares were withheld to satisfy the tax withholding obligation associated with the exercise of the options and previously owned shares were delivered to satisfy the exercise price of the options.
 - (2) The option vests in four equal annual installments beginning April 24, 2007.
 - (3) The option vests in four equal annual installments beginning May 13, 2006.

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