

Carnahan Scott W.
Form 4
March 15, 2012

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 *
Carnahan Scott W.

2. Issuer Name and Ticker or Trading Symbol
PennyMac Mortgage Investment Trust [PMT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
03/13/2012

Director 10% Owner
 Officer (give title below) Other (specify below)

C/O PENNYMAC MORTGAGE INVESTMENT TRUST, 6101 CONDOR DRIVE, THIRD FLOOR

(Street)

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

MOORPARK, CA 93021

(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)	(A) or (D)	5. Amount or Price	6. Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	7. Nature of Ownership (Instr. 4)
Common Shares of Beneficial Interest	03/13/2012		P	2,174	A	\$ 18.62	21,674	D
Common Shares of Beneficial Interest	03/13/2012		P	7,026	A	\$ 18.65	28,700	D
Common Shares of	03/13/2012		P	400	A	\$ 18.64	29,100	D

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Beneficial Interest

Common Shares of Beneficial Interest	03/13/2012	P	100	A	\$ 18.6482	29,200	D
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Common Shares of Beneficial Interest	03/13/2012	P	200	A	\$ 18.648	29,400	D
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Common Shares of Beneficial Interest	03/13/2012	P	100	A	\$ 18.6473	29,500	D
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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. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6)
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				Code	V	(A)	(D)	Amount or Number of Shares	
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Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Carnahan Scott W.
C/O PENNYMAC MORTGAGE INVESTMENT TRUST
6101 CONDOR DRIVE, THIRD FLOOR
MOORPARK, CA 93021

X

Signatures

/s/ Derek W. Stark, Attorney-In-Fact for Scott W.
Carnahan

03/15/2012

__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).

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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