Carnahan Scott W. Form 4 March 15, 2012

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Form 4 or Form 5

SECURITIES

Estimated average burden hours per response... 0.5

obligations may continue. See Instruction

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

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Carnahan Scott W.

Symbol

(Check all applicable)

PennyMac Mortgage Investment

Trust [PMT]

10% Owner

(Month/Day/Year) 03/13/2012

_X__ Director _ Other (specify Officer (give title

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

(Street)

(State)

(First)

4. If Amendment, Date Original

3. Date of Earliest Transaction

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

(Middle)

(Zin)

X Form filed by One Reporting Person Form filed by More than One Reporting

MOORPARK, CA 93021

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secu	rities Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispo (Instr. 3,	esed of 4 and (A) or		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 Beneficial 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	

Beneficial Interest							
Common Shares of Beneficial Interest	03/13/2012	P	100	A	\$ 18.6482	29,200	D
Common Shares of Beneficial Interest	03/13/2012	P	200	A	\$ 18.648	29,400	D
Common Shares of Beneficial Interest	03/13/2012	P	100	A	\$ 18.6473	29,500	D

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.

(9-02)

SEC 1474

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration Da	ite	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired					
	-				(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
						Exercisable Date	*		Number	
				~					of	
				Code V	I (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Carnahan Scott W. C/O PENNYMAC MORTGAGE INVESTMENT TRUST 6101 CONDOR DRIVE, THIRD FLOOR MOORPARK, CA 93021	X					

Reporting Owners 2

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. 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.

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