PennyMac Mortgage Investment Trust

Form 4

February 27, 2017

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

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Preston Paul DuFauchard, Jr.

2. Issuer Name and Ticker or Trading Symbol

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

5. Relationship of Reporting Person(s) to Issuer

PennyMac Mortgage Investment Trust [PMT]

(Check all applicable)

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

02/23/2017

_X__ Director Officer (give title

10% Owner _ Other (specify

C/O PENNYMAC MORTGAGE **INVESTMENT TRUST, 3043** TOWNSGATE ROAD

(Street)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

WESTLAKE VILLAGE, CA 91361

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

(City)	(State)	Zip) Table	e I - Non-D	erivative Secu	rities Acqui	red, Disposed of	, or Beneficial	ly 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)	4. Securities A on(A) or Dispose (Instr. 3, 4 and (A) or Amount (D)	ed of (D)	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	02/23/2017		A	5,105 A	\$ 0	26,327 (2)	D	
Common Shares of Beneficial Interest	02/23/2017		S	950 (3) D	\$ 17.09	25,377 (4)	D	
Common Shares of	02/24/2017		S	543 (5) D	\$ 16.946	24,834 (7)	D	

Beneficial Interest (6)

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)	4. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
			Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Preston Paul DuFauchard, Jr. C/O PENNYMAC MORTGAGE INVESTMENT TRUST 3043 TOWNSGATE ROAD WESTLAKE VILLAGE, CA 91361



Signatures

/s/ Derek Stark, attorney-in-fact for Mr.

DuFauchard 02/27/2017

**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).

The Reporting Person was granted 5,105 restricted share units. The restricted share units, which vest in three equal annual installments (1) beginning on the first anniversary of the grant date, are to be settled in an equal number of common shares of beneficial interest upon vesting.

(2)

Reporting Owners 2

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The reported amount consists of 12,591 restricted share units and 13,736 common shares of beneficial interest. The restricted share units are to be settled in an equal number of common shares of beneficial interest upon vesting.

- (3) The common shares of beneficial interest were sold pursuant to a 10b5-1 plan.
- (4) The reported amount consists of 12,591 restricted share units and 12,786 common shares of beneficial interest. The restricted share units are to be settled in an equal number of common shares of beneficial interest upon vesting.
- (5) The common shares of beneficial interest were sold pursuant to a 10b5-1 plan.
 - The price reported is the weighted average price of multiple transactions ranging from \$16.90 to \$16.98. The reporting person hereby
- (6) undertakes to provide upon request to the SEC, the Issuer or a security holder of the Issuer the number of common shares of beneficial interest and the prices at which the transactions were effected.
- (7) The reported amount consists of 12,591 restricted share units and 12,243 common shares of beneficial interest. The restricted share units are to be settled in an equal number of common shares of beneficial interest upon vesting.

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.