PennyMac Mortgage Investment Trust

Form 4

February 27, 2017

if no longer

subject to

Section 16.

Form 4 or

Check this box

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Form 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).

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * SPECTOR DAVID (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol

PennyMac Mortgage Investment Trust [PMT]

3. Date of Earliest Transaction (Month/Day/Year) 02/23/2017

5. Relationship of Reporting Person(s) to Issuer

_X__ Director

below)

X_ Officer (give title

(Check all applicable)

President and CEO

10% Owner

Other (specify

7. Nature of

Indirect

Beneficial

Ownership

(Instr. 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

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

> (Street) 4. If Amendment, Date Original

> > (Zip)

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

WESTLAKE VILLAGE, CA 91361

(State)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 5. Amount of 4. Securities Acquired (A) Transaction Disposed of (D) Security (Month/Day/Year) Execution Date, if Securities Ownership (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: (Month/Day/Year) (Instr. 8) Owned Direct (D) Following or Indirect Reported (I) (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) (D) Price Code V Amount Common Shares of 19,753 02/23/2017 \$0 301,672 (2) D A (1) Beneficial Interest Common \$ 3,900 Shares of 02/24/2017 S D 16.8647 297,772 (5) D Beneficial (3) (4) Interest Common 02/24/2017 S 3,860 D 293,912 (7) D (3) Shares of 16.8634

Beneficial Interest (6)

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

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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. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Title Amount Underly Securiti (Instr. 3	t of ving es	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Number		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
SPECTOR DAVID						
C/O PENNYMAC MORTGAGE INVESTMENT TRUST	X		President			
3043 TOWNSGATE ROAD	Λ		and CEO			
WESTLAKE VILLAGE, CA 91361						

Signatures

/s/ Derek W. Stark, attorney-in-fact for Mr. Spector 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 19,753 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 108,860 restricted share units and 192,812 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.
- The price reported is the weighted average price of multiple transactions ranging from \$16.8125 to \$16.96. The reporting person hereby 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.
- (5) The reported amount consists of 108,860 restricted share units and 188,912 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.
- The price reported is the weighted average price of multiple transactions ranging from \$16.81 to \$16.96. 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 108,860 restricted share units and 185,052 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.