Hadley Randa Form 5 February 02,												
FORM								OMB AF	PROVAL			
Check this no longer s	UNITED S box if ubject	0 • • • • • • • • • • • • • • • • • • •						OMB Number: Expires:	3235-0362 January 31, 2005			
to Section 1 Form 4 or I 5 obligation may contin <i>See</i> Instruc	Form ANNI ns ue.								iverage rs per 1.0			
Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported Form 4 30(h) of the Investment Company Act of 1940 Transactions Reported												
1. Name and Ad Hadley Rand	Symbol	2. Issuer Name and Ticker or Trading Symbol PennyMac Mortgage Investment				5. Relationship of Reporting Person(s) to Issuer						
		Trust [PMT]					(Check all applicable)					
(Last)	(Month/D	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2009			_	_X Director Officer (give elow)		Owner er (specify				
	MAC MORTGA NT TRUST, 27 OAD											
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Reporting					
		Flied(Mo					(check applicable line)					
CALABASA	AS, CA 91301					_	X_ Form Filed by (Form Filed by N Person					
(City)	(State) (Zip) Tabl	e I - Non-Deriv	vative Secu	ırities	Acqui	red, Disposed of	, or Beneficial	ly Owned			
1.Title of Security (Instr. 3)	Security (Month/Day/Year) Execution Date, if Transaction		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
Common				Amount		Price	4)					
Shares of Beneficial Interest	08/04/2009	Â	P4	1,500	A	\$ 20	3,750	D	Â			

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 2270 (9-02)

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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)	Expiration D (Month/Day/ e	on Date		le and int of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 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		
Hadley Randall D. C/O PENNYMAC MORTGAGE INVESTMENT TRUST 27001 AGOURA ROAD CALABASAS, CA 91301	ÂX	Â	Â	Â		
Signatures						

/s/ Randall D. 02/02/2010 Hadley **Signature of Date

Reporting Person

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 provided 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.