Day John Form 4 May 13, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB

OMB APPROVAL

Washington, D.C. 20549

3235-0287 Number:

January 31,

0.5

if no longer subject to Section 16. Form 4 or

Check this box

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

Expires: 2005 Estimated average burden hours per

response...

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).

per share

(Print or Type Responses)

1. Name and Address of Reporting Person * Day John			2. Issuer Name and Ticker or Trading Symbol Invesco Mortgage Capital Inc. [IVR]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First) (M	Middle)	3. Date of Earliest Transaction			(
(Month/D			Day/Year)				_X_ Director		% Owner		
1555 PEACHTREE STREET NE, SUITE 1800			05/12/2010				Officer (giv below)	ve title Oth below)	er (specify		
(Street) 4. If .			4. If Amer	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
ATLANTA,	Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(State)	(Zip)	Table	I - Non-De	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Executi any	emed on Date, if /Day/Year)	3. Transaction Code (Instr. 8)	4. Securi onAcquired Disposed (Instr. 3,	l (A) o l 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 Stock, par value \$0.01	05/12/2010			A	307	A	\$0	3,389	D		

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

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

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2.			4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
e Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
or Exercise		any	Code	of	(Month/Day/	/Year)	Under	rlying	Security	Secui
Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
Derivative				Securities	S		(Instr.	. 3 and 4)		Owne
Security				Acquired						Follo
				(A) or						Repo
				Disposed						Trans
				of (D)						(Instr
				(Instr. 3,						
				4, and 5)						
								Amount		
					Date	Expiration	Title			
					Exercisable Date					
			Codo I	7 (A) (D)						
	e Conversion or Exercise Price of Derivative	e Conversion (Month/Day/Year) or Exercise Price of Derivative	e Conversion (Month/Day/Year) Execution Date, if or Exercise any Price of (Month/Day/Year) Derivative	e Conversion (Month/Day/Year) Execution Date, if Transact or Exercise any Code Price of (Month/Day/Year) (Instr. 8) Derivative Security	Conversion or Exercise any Code of Price of Derivative Security Month/Day/Year) Execution Date, if any Code of (Instr. 8) Derivative Security Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date or Exercise any Code of (Month/Day/Pear) Code of (Month/Day/Pear) Derivative Security Security Security Security Security Security Security Date	Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date or Exercise Price of Derivative Security (Month/Day/Year) (Instr. 8) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Expiration Expiration Date (Month/Day/Year) Date Expiration Exercisable Date	Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date Amore or Exercise any Code of (Month/Day/Year) Under Price of (Month/Day/Year) (Instr. 8) Derivative Securities (Instr. 8) Code of (Month/Day/Year) Under Security Securities (Instr. 8) Date Expiration Title Exercisable Date Title	Conversion or Exercise or Exercise Price of ODER or Exercise Price of ODER or Exercise ODER	Conversion or Exercise Price of Derivative Security Resolution Date, if any Code of (Month/Day/Year) (Instr. 8) Derivative Securities Resolution Date, if any Code of (Month/Day/Year) (Instr. 8) Derivative Securities Resolution Date (Month/Day/Year) (Instr. 8) Derivative Securities Resolution Date (Month/Day/Year) (Instr. 5) Derivative Securities Resolution Date (Month/Day/Year) (Instr. 5) Derivative Securities Resolution Date (Instr. 3 and 4) Resolution Date (Instr. 5) Resolution Date (Instr

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Day John 1555 PEACHTREE STREET NE SUITE 1800 ATLANTA, GA 30309	X						

Signatures

Jonathan J. Doyle, as Attorney in Fact 05/13/2010

**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).

Remarks:

This Form 4 reports the acquisition by the reporting person of common stock resulting from a quarterly grant to the registrant's 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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