Ray Thomas M. Form 4 March 07, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person * Ray Thomas M.

(First)

(Middle)

(Zip)

C/O CORESITE REALTY CORPORATION, 1050 17TH STREET, SUITE 800

(State)

03/05/2012

2. Issuer Name and Ticker or Trading Symbol

CoreSite Realty Corp [COR]

3. Date of Earliest Transaction

(Month/Day/Year) 03/05/2012

Issuer

5. Relationship of Reporting Person(s) to

(Check all applicable)

_X__ Director 10% Owner X_ Officer (give title Other (specify below)

President and CEO

(Street) 4. If Amendment, Date Original

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

D

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

DENVER, CO 80265

(City)

Common

Stock

2. Transaction Date 2A. Deemed 1.Title of Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

4. Securities Acquired 5. Amount of Transaction(A) or Disposed of Code (D) (Instr. 3, 4 and 5) (Instr. 8) (A)

Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Ownership Indirect (I) (Instr. 4) (Instr. 4)

Transaction(s) (Instr. 3 and 4)

Price (D)

Code V Amount 10.544 \$0 A 123,919 (1)

or

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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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	int of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
. 9	Director	10% Owner	Officer	Other			
Ray Thomas M. C/O CORESITE REALTY CORPORATION 1050 17TH STREET, SUITE 800 DENVER, CO 80265	X		President and CEO				

Signatures

/s/ Derek S. McCandless, Attorney-in-Fact 03/07/2012

**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).

Represents restricted stock granted by the issuer in lieu of a portion of the reporting person's cash bonus under the issuer's 2011 cash

(1) incentive program. The restricted stock vests one year from the date of grant provided that the reporting person remains employed by the issuer as of the vesting date.

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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