

Ray Thomas M.  
Form 4  
April 09, 2012

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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

2. Issuer Name and Ticker or Trading Symbol  
CoreSite Realty Corp [COR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
C/O CORESITE REALTY CORPORATION, 1050 17TH STREET, SUITE 800

3. Date of Earliest Transaction (Month/Day/Year)  
04/05/2012

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
President and CEO

(Street)  
DENVER, CO 80265

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
Common Stock	04/05/2012		A	(A) or (D) A	Amount 36,578 (1) Price \$ 0	160,497	D

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)**

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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)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
				Code V (A) (D)		Date Exercisable Expiration Date	Title	
Stock Option (Right to Buy)	\$ 23.99	04/05/2012		A	75,000	(2) 04/05/2022	Common Stock	75,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	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

04/09/2012

\*\*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 to the reporting person under the issuer's 2010 Equity Incentive Plan. The restricted stock vests in four equal annual installments beginning on April 5, 2013, provided that the reporting person remains employed by the issuer as of each vesting date.
  - (1) equal annual installments beginning on April 5, 2013, provided that the reporting person remains employed by the issuer as of each vesting date.
  - (2) The stock options vest and become exercisable in four equal annual installments beginning on April 5, 2013, provided that the reporting person remains employed by the issuer as of each 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.