#### WILSON DAVID A

Form 4

September 30, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

**OMB APPROVAL** 

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Check this box if no longer subject to Section 16.

Form 4 or Form 5

obligations may continue.

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

See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person \* WILSON DAVID A

2. Issuer Name and Ticker or Trading Symbol

CoreSite Realty Corp [COR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 09/28/2010

X\_ Director 10% Owner Officer (give title Other (specify

below) below) Director

1050 17TH STREET, SUITE 800

(Street)

(First)

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

Person

**DENVER, CO 80265** 

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

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

5. Amount of Securities Beneficially Owned Following

Reported

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

(Instr. 4) (Instr. 4)

(A) Code V Amount (D) Price

Transaction(s) (Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed (D) (Instr. 3, and 5)	d of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 15.98	09/28/2010		A		2,500		<u>(1)</u>	09/28/2020	Common Stock	2,500
Restricted Stock Unit	<u>(2)</u>	09/28/2010		A		2,500		(3)	(3)	Common Stock	2,500

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
WILSON DAVID A 1050 17TH STREET, SUITE 800 DENVER, CO 80265	X		Director				

## **Signatures**

/s/ Erick H. Bromfield, attorney-in-fact 09/30/2010

\*\*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).
- (1) The Stock Options vest on September 28, 2011.
- (2) Each restricted stock unit represents a right to receive one share of Common Stock.
- (3) The restricted stock units are payable upon the reporting person's termination of service as a director and have no expiration 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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