

CoreSite Realty Corp  
 Form 3  
 August 02, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Carlyle Realty IV GP, L.L.C.		(Month/Day/Year)	CoreSite Realty Corp [COR]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
1001 PENNSYLVANIA AVE		07/31/2011	(Check all applicable)	
NW,Â SUITE 220 SOUTH			<input type="checkbox"/> Director	<input checked="" type="checkbox"/> 10% Owner
(Street)			<input type="checkbox"/> Officer	<input type="checkbox"/> Other
WASHINGTON,Â DCÂ 20004			(give title below)	(specify below)
(City)	(State)	(Zip)	6. Individual or Joint/Group Filing(Check Applicable Line)	
			<input type="checkbox"/> Form filed by One Reporting Person	
			<input checked="" type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

(Instr. 5)

operating partnership units    <sup>(1)</sup>    <sup>(1)</sup> Common Stock 25,275,390 \$    <sup>(1)</sup> I See footnotes <sup>(2)</sup>    <sup>(3)</sup>    <sup>(4)</sup>    <sup>(5)</sup>

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Carlyle Realty IV GP, L.L.C. 1001 PENNSYLVANIA AVE NW SUITE 220 SOUTH WASHINGTON, DC 20004	<u>  </u>	<u>  </u> X	<u>  </u>	<u>  </u>
Carlyle Realty IV, L.P. 1001 PENNSYLVANIA AVE NW SUITE 220 SOUTH WASHINGTON, DC 20004	<u>  </u>	<u>  </u> X	<u>  </u>	<u>  </u>
CoreSite CRP IV Holdings, LLC 1001 PENNSYLVANIA AVE NW SUITE 220 SOUTH WASHINGTON, DC 20004	<u>  </u>	<u>  </u> X	<u>  </u>	<u>  </u>
CRP IV AIV GP, L.L.C. 1001 PENNSYLVANIA AVE NW SUITE 220 SOUTH WASHINGTON, DC 20004	<u>  </u>	<u>  </u> X	<u>  </u>	<u>  </u>
CRP IV AIV GP, L.P. 1001 PENNSYLVANIA AVE NW SUITE 220 SOUTH WASHINGTON, DC 20004	<u>  </u>	<u>  </u> X	<u>  </u>	<u>  </u>
CRQP IV AIV, L.P. 1001 PENNSYLVANIA AVE NW SUITE 220 SOUTH WASHINGTON, DC 20004	<u>  </u>	<u>  </u> X	<u>  </u>	<u>  </u>
CoreSite CRP IV Holdings (VCOC I), LLC 1001 PENNSYLVANIA AVE NW SUITE 220 SOUTH WASHINGTON, DC 20004	<u>  </u>	<u>  </u> X	<u>  </u>	<u>  </u>

## Signatures

/s/ R. Rainey Hoffman,  
attorney-in-fact

08/02/2011

  Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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) Beginning September 29, 2011, the OP Units will be redeemable for cash or, at the option of the Company, exchangeable into shares of Common Stock on a one-for-one basis.

CoreSite CRP III Holdings, LLC, CoreSite CRP III Holdings (VCOC), LLC, CoreSite CRP IV Holdings, LLC, CoreSite CRP IV Holdings (VCOC I), LLC, CoreSite CRP IV Holdings (VCOC II), LLC and CoreSite CRP V Holdings, LLC (together, the "Limited Partners") are the record holders of 6,222,640, 1,260,550, 4,360,826, 742,637, 1,908,756 and 10,779,980 limited partnership units of

- (2) CoreSite, L.P., respectively (collectively, the "OP Units"). DBD Investors V Holdings, L.L.C. exercises investment discretion and control over the OP Units through its indirect subsidiary, TC Group Investment Holdings, L.P., which is the managing member of each of Carlyle Realty III GP, L.L.C., CRP III AIV GP, L.L.C., Carlyle Realty IV GP, L.L.C., CRP IV AIV GP, L.L.C. and Carlyle Realty V GP, L.L.C. (Continued in footnote 3)

Carlyle Realty III GP, L.L.C. is the general partner of Carlyle Realty III, L.P. which is the managing member of CoreSite CRP III Holdings, LLC. CRP III AIV GP, L.L.C. is the general partner of CRP III AIV GP, L.P., which is the general partner of CRQP III AIV, L.P., which is the managing member of CoreSite CRP III Holdings (VCOC), LLC. Carlyle Realty IV GP, L.L.C. is the general partner of

- (3) Carlyle Realty IV, L.P., which is the managing member of CoreSite CRP IV Holdings, LLC. CRP IV AIV GP, L.L.C. is the general partner of CRP IV AIV GP, L.P., which is the general partner of each of CRP IV-A AIV, L.P. and CRQP IV AIV, L.P., which are the managing members of CoreSite CRP IV Holdings (VCOC I), LLC and CoreSite CRP IV Holdings (VCOC II), LLC, respectively. Carlyle Realty V GP, L.L.C. is the general partner of Carlyle Realty V, L.P., which is the managing member if CoreSite CRP V Holdings, LLC. (Continued in footnote 4)

DBD Investors V Holdings, L.L.C. is the managing member of DBD Investors V, L.L.C. DBD Investors V, L.L.C. is the general partner of TCG Holdings II, L.P. TCG Holdings II, L.P. is the general partner of TC Group Investment Holdings, L.P. Each of the reporting persons expressly disclaims beneficial ownership of any such securities, except to the extent of its pecuniary interest therein. DBD

- (4) Investors V Holdings, L.L.C. is managed by a three person managing board, and all board action relating to the voting or disposition of the OP Units requires approval of a majority of the board. William E. Conway, Jr., Daniel A. D'Aniello and David M. Rubenstein, as the members of the DBD Investors V Holdings, L.L.C. managing board, may be deemed to share beneficial ownership of the OP Units beneficially owned by DBD Investors V Holdings, L.L.C. Such persons disclaim such beneficial ownership.

Due to the limitations of the electronic filing system, DBD Investors V Holdings, L.L.C., TCG Holdings II, L.P., TC Group Investment Holdings, L.P., Carlyle Realty III, GP, L.L.C., Carlyle Realty III, L.P., CoreSite CRP III Holdings, LLC, Carlyle Realty V GP, L.L.C., Carlyle Realty V, L.P. and CoreSite CRP V Holdings, LLC are filing a separate Form 3. DBD Investors V, L.L.C. filed a separate Form 3 on September 28, 2010.

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### Remarks:

ExhibitÂ List

ExhibitÂ 24Â -Â ConfirmingÂ Statement

ExhibitÂ 99.1Â -Â JointÂ FilerÂ Information

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.