

Behrman Brent  
Form 3  
February 16, 2012

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

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**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 Behrman Brent		(Month/Day/Year)	Digital Realty Trust, Inc. [DLR]	
(Last)	(First)	(Middle)	02/14/2012	
2323 BRYAN STREET, SUITE 1800			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
DALLAS,Â TXÂ 75201			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			Senior Vice President, Sales	

**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)

Employee Stock Option (right to buy)	Â (1)	05/02/2017	Common Stock	901	\$ 41.73	D	Â
Class C Profits Interest Units (2)	Â (3)	Â (4)	Common Stock	606	\$ (5)	D	Â
Long-Term Incentive Units (6)	Â (7)	Â (4)	Common Stock	12,265	\$ (5)	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Behrman Brent 2323 BRYAN STREET, SUITE 1800 DALLAS, TX 75201	Â	Â	Â Senior Vice President, Sales	Â

## Signatures

Barbara Polster,  
Attorney-in-Fact

02/16/2012

\_\_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) The option was granted on May 2, 2007, pursuant to which twenty percent (20%) of the shares became fully vested and exercisable on May 2, 2008 and 1/60th of the shares vested and continue to vest on each monthly anniversary thereafter, so that all of the shares will be fully vested as of May 2, 2012. The reported shares represent a net figure after exercises, of which 450 shares are fully vested and exercisable and the remaining shares continue to vest as outlined above.

(2) Class C Profits Interest Units ("Class C Units") are membership interests in Digital Realty Trust, L.P., a Maryland limited partnership (the "Operating Partnership"), of which Digital Realty Trust, Inc. (the "Issuer") is the general partner. Vested Class C Units that have satisfied the performance condition and achieved full parity with common limited partnership units ("Common Units") of the Operating Partnership receive the same quarterly distributions as Common Units, and may be converted into an equal number of Common Units on a one-for-one basis at any time. Common Units will be redeemable for cash based on the fair market value of an equivalent number of shares of the Issuer's common stock, or, at the election of the Issuer, for an equal number of shares of the Issuer's common stock. The Class C Units have achieved full parity with Common Units.

(3) These units were granted on May 2, 2007, pursuant to which sixty percent (60%) of the units became fully vested and exercisable on May 1, 2010 and 1/24th of the units vested and continue to vest on each monthly anniversary thereafter, so that all of the units will be fully vested as of May 1, 2012. The reported units represent a net figure after redemptions; the remaining units continue to vest as outlined above.

(4) N/A

(5) 1 for 1.

(6) Long-term incentive units are profits interest units in the Operating Partnership. Vested profits interest units may be converted into an equal number of Common Units in the Operating Partnership on a one-for-one basis at any time. Common Units are redeemable for cash based on the fair market value of an equivalent number of shares of the Issuer's common stock, or, at the election of the Issuer, for an equal number of shares of the Issuer's common stock, subject to adjustment in the event of stock splits, stock dividends, issuance of stock rights, specified extraordinary distributions or similar events.

(7) These units were granted on February 25, 2008, March 2, 2009, February 23, 2010 and February 10, 2011, with initial vest dates of February 25, 2009, March 2, 2010, February 23, 2011 and February 27, 2012, respectively. Each grant vests as to 20% in the first year,

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20% in the second year, 30% in the third year and 30% in the fourth year. The reported units represent a net figure after redemptions, the remaining units continue to vest as outlined above.

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### Remarks:

This statement of changes in beneficial ownership ("Form 4") of securities of the Issuer is being filed

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.