| TUCKER L | AWRENCE C | | | | | | | | | |
|-------------------------------------------------------------|-----------------------------------------|-------------|------------------|----------------------------------------|------------|--------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------|
| Form 4 | | | | | | | | | | |
| May 12, 201 | 10 | | | | | | | | | |
| FORM | ΠΔ | | | | | | | | OMB AF | PROVAL |
| | UNITED | STATES | | RITIES A shington | | | ANGE C | OMMISSION | OMB Number: | 3235-0287 |
| Check th if no lon | ger | | | | | | | | Expires: | January 31, |
| subject t Section Form 4 of | 51AIEN 16. | 1ENT OI | F CHAN | NGES IN SECUI | | TCI A | AL OWN | NERSHIP OF | Estimated a burden hour response | • |
| Form 5 obligatio may con <i>See</i> Instr 1(b). | tinue. Section 17(| a) of the l | Public U | | ding Co | mpan | y Act of | e Act of 1934, 1935 or Section 0 | | |
| (Print or Type | Responses) | | | | | | | | | |
| 1. Name and A TUCKER I | Person <u>*</u> | | | | | - | 5. Relationship of Reporting Person(s) to Issuer | | | |
| | | | | | | CORP | (Check all applicable) | | | |
| (| | | (Month/Day/Year) | | | | | X_Director10% Owner Officer (give titleOther (specify below)below) | | |
| | VN BROTHERS N ("BBH"), 140 AY | | 05/11/2 | 2010 | | | | | | |
| | | | | Filed(Month/Day/Year) A | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person | | |
| NEW YOR | K, NY 10005-110 |)1 | | | | | | Form filed by Mo Person | ore than One Re | porting |
| (City) | (State) | (Zip) | Tab | le I - Non-l | Derivative | Secu | rities Acq | uired, Disposed of, | or Beneficial | ly Owned |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | | Date, if | 3. Transactic Code (Instr. 8) | | sed of | |) 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| C1 C | | | | Code V | Amount | or (D) | Price | (Instr. 3 and 4) | (1115411-1) | T 1010 |
| Shares of Common Stock | 05/11/2010 | | | S | 9,405 | D | \$ 35.5439 | 308,300 <u>(1)</u> | Ι | The 1818 Fund II, L.P. |
| Shares of Common Stock | | | | | | | | 90,000 | D | |

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

Persons who respond to the collection of
information contained in this form are not
required to respond unless the formSEC 1474
(9-02)

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 (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. Transactio Code (Instr. 8) | 5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | ie | 7. Title and A Underlying S (Instr. 3 and | Securities | 8. Pr Deri Secu (Inst |
|-----------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|-------------------------------------------------|-------------------------------------|--------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Option to Purchase Common Stock | \$ 44.25 | | | | | 05/03/2006 | 05/02/2011 | Common Stock | 15,000 | |
| Option to Purchase Common Stock | \$ 52.5 | | | | | 04/24/2007 | 04/23/2012 | Common Stock | 15,000 | |
| Option to Purchase Common Stock | \$ 51.5 | | | | | 05/01/2008 | 05/01/2013 | Common Stock | 15,000 | |
| Option to Purchase Common Stock | \$ 37.7 | | | | | 05/05/2009 | 05/04/2014 | Common Stock | 15,000 | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | |
|-----------------------------------------------------------------------------------------------------|---------------|-----------|---------|-------|--|
| | Director | 10% Owner | Officer | Other | |
| TUCKER LAWRENCE C C/O BROWN BROTHERS HARRIMAN ("BBH") 140 BROADWAY NEW YORK, NY 10005-1101 | Х | | | | |

Signatures

Item 2.

Lawrence C. Tucker by Ann S. Benson, POA

05/11/2010

**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 securities are owned by The 1818 Fund II, L.P. Tucker is a general partner of BBH, the general partner of The 1818 Fund II, L.P., and, as such, his pecuniary interest in the securities is limited to his percentage interest in BBH's interest in such securities.

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. T-FAMILY: Times New Roman">Item 1.

| | (a) | Name of Issuer Digital Realty Trust, Inc. |
|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | (b) | Address of Issuer's Principal Executive Offices 560 Mission Street, Suite 2900 San Francisco, CA 94105 |
| (b) | (a) | Name of Person Filing Heitman Real Estate Securities LLC Address of Principal Business Office or, if none, Residence 191 North Wacker Drive, Suite 2500 |
| | (c) | Chicago, Illinois 60606 Citizenship |
| | (d) | United States Title of Class of Securities Series B Cumulative Redeemable Preferred Stock, 7.875% |
| | (e) | CUSIP Number 253868301 |

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

| (a) | 0 | Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). | | |
|-------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------|--|--|
| (b) | | o Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). | | |
| (c) | 0 | Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. o78c). | | |
| (d) o Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). | | | | |

- (e) x An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) o An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) o A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) o A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
 - (j) o Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4.

Item 5.

Item 9.

Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

| (a) | Amount beneficially owned: 85,400 | | | | |
|-------|---------------------------------------------------------------|--|--|--|--|
| (b) | Percent of class: 3.38% | | | | |
| (c) | Number of shares as to which the person has: | | | | |
| (i) | Sole power to vote or to direct the vote: 0 | | | | |
| (ii) | Shared power to vote or to direct the vote: 0 | | | | |
| (iii) | Sole power to dispose or to direct the disposition of: 85,400 | | | | |
| (iv) | Shared power to dispose or to direct the disposition of: 0 | | | | |
| | Ownership of Five Percent or Less of a Class | | | | |

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following x.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

Notice of Dissolution of Group

| Item 8. | Identification and Classification of Members of the Group |
|---------|-----------------------------------------------------------|
| | |
| | |
| | |

Item Certification 10.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2010

Footnotes:

/s/ Nancy B. Lynn Name: Nancy B. Lynn Title: Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)

By: