### FORM 4

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

OMB APPROVAL
OMB 3235Number: 0287
Estimated average
burden hours per

response...

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 Estimated average burden hours per

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|  |         |  | Secur   | 011 30(11) 01   | tile III                       | vesu | nent Con  | прап  | y Act of                                  | 1940   |         |   |           |  |  |   |
|--|---------|--|---|---|--------------------------------|------|---|---|---|--|---------|---|-----------|--|--|---|
| (Print or Type Responses)  1. Name and Address of Reporting Person *- CANON JOSEPH E |         |  |   | 2. Issuer Name and Ticker or Trading<br>Symbol<br>Main Street Capital CORP [MAIN] |                                |      |   |   | Is  | 5. Relationship of Reporting Person(s) to<br>Issuer (Check all applicable)   |         |   |           |  |  |   |
| (Last) (First) (Middle)<br>1300 POST OAK BLVD., STE. 800                             |         |  | 3. Date of Earliest Transaction<br>(Month/Day/Year)<br>01/15/2009 |   |                                |      |   |   | Officer (give title Other (specify below) |  |         |   | below)    |  |  |   |
| (Street) HOUSTON, TX 77056   |         |  |   | 4. If Amendment, Date Original Filed(Month/Day/Year)                              |                                |      |   |   | A   | 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 Acqu                          |   |                                |      |   | Acquir  |   |  |         |   |           |  |  |   |
| (Instr. 3)   |         | 2. Transaction<br>Date<br>(Month/Day/Year) | any   |   | Transaction (A) of Code (Instr |      | (A) or D  | Securities Acquired ) or Disposed of (D) str. 3, 4 and 5) |   |  |         | 6.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect | (D) Benef | lirect<br>ficial<br>ership   |  |   |
|  |         |  |   |   | Code                           | V    | Amount  | or<br>(D)   | Price                                     | (Instr. 3 and  | /       | (Instr. 4   | 4)        |  |  |   |
| Common   | Stock   | 01/15/2009                                 |   |   | <u>J<sup>(1)</sup></u>         |      | 141.522   | A   | \$<br>9.8696                              | 11,315.553   |         | D   |           |  |  |   |
| Reminder:<br>directly or   |         | n a separate line for                      | each cl   | lass of securi  | ties ben                       |      | •   | who   | respond                                   | d to the colle   | ection  | of  | SEC       | 1474   |  |   |
|  |         |  |   |   |                                | ı    | required  | to re   | spond u                                   | d in this form<br>Inless the fo<br>Control numb  | rm dis  |   |           | (9-02)   |  |   |
|  |         | Table II -                                 |   | ative Securit<br>outs, calls, w   |                                | •    | _   |   |   | ficially Owned   | i       |   |           |  |  |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                                  | Convers | cise (Month/Day/Y                          | ear) Ex   | A. Deemed<br>secution Date<br>by<br>Month/Day/Y                                   | Co                             | de   | 5. Numl of Deriv Secur Acqu (A) o Dispo of (D (Instr 4, and | eative rative research                                    | and Expi                                  | Exercisable tration Date Day/Year)   | 4)      | ant of<br>rlying<br>ities<br>. 3 and                  |           | F 9. Number of<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 11. Natur<br>of Indirec<br>Beneficial<br>Ownershi<br>(Instr. 4) |
|  |         |  |   |   | С                              | ode  | V (A)   |   | Date<br>Exercisal                         | Expiration<br>Date   | Title I | or<br>Number<br>of<br>Shares                          |           |  |  |   |

#### **Reporting Owners**

| Donouting Oromon Nones / Adduses                                       | Relationships |           |         |       |  |  |  |
|--|---------------|-----------|---------|-------|--|--|--|
| Reporting Owner Name / Address   | Director      | 10% Owner | Officer | Other |  |  |  |
| CANON JOSEPH E<br>1300 POST OAK BLVD.<br>STE. 800<br>HOUSTON, TX 77056 | X             |           |         |       |  |  |  |

#### **Signatures**

| /s/ Rodger A. Stout as Attorney-in-Fact for Joseph E. Canon | 02/12/2009 |
|---|------------|
| 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 reporting person acquired 141.522 shares under the company's dividend reinvestment plan, pursuant to a dividend reivestment transaction exempt from Section 16 under Rule 16a-11.

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.