## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB 3235-Number: 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).

**SECURITIES** Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or

Section 30(h) of the Investment Company Act of 1940

| (Print or Type Resp                        | oonses)   |            |  |                  |        |                                      |   |               |   |   |   |  |  |  |
|--|---|------------|--|------------------|--------|--------------------------------------|---|---------------|---|---|---|--|--|--|
| 1. Name and Addr<br>Hartman Curtis         | 2. Issuer Name and Ticker or Trading     Symbol     Main Street Capital CORP [MAIN] |            |  |                  |        | Is                                   | 5. Relationship of Reporting Person(s) to<br>Issuer<br>(Check all applicable)<br>Director 10% Owner   |               |   |   |   |  |  |  |
| (Last)<br>1300 POST OA                     | 3. Date of Earliest Transaction<br>(Month/Day/Year)<br>12/15/2011                   |            |  |                  |        |                                      | Officer (give titleOther (specify below) below)  Chief Credit Officer and SMD   |               |   |   |   |  |  |  |
| HOUSTON, TX                                | 4. If Amendment, Date Original<br>Filed(Month/Day/Year)                             |            |  |                  |        | Ap                                   | 6. Individual or Joint/Group Filing(Check<br>Applicable Line)<br>_X. Form filed by One Reporting Person<br>_Form filed by More than One Reporting Person                  |               |   |   |   |  |  |  |
| (City) (State) (Zip)                       |   |            | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                  |        |                                      |   |               |   |   |   |  |  |  |
| 1.Title of Security (Instr. 3)             | 2. Transaction<br>Date<br>(Month/Day/Year)  | any        | emed<br>on Date, if<br>/Day/Year)  | Code             |        | 4. Securiti (A) or Dis (Instr. 3, 4) | spose<br>and  | ed of (D)     | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |  |
|  |   |            |  | Code             | V      | Amount                               | (A)<br>or<br>(D)  | Price         | Transaction(s)<br>(Instr. 3 and 4)  | (I)<br>(Instr. 4)                                     | (======================================                           |  |  |  |
| Common<br>Stock                            | 12/15/2011  |            |  | P(1)             | V      | 209.997                              | A   | \$<br>19.6784 | 216,073.429   | D   |   |  |  |  |
| Common<br>Stock                            | 12/15/2011  |            |  | P <sup>(1)</sup> | V      | 34                                   | A   | \$ 19.68      | 216,107.429   | D   |   |  |  |  |
| Reminder: Report of directly or indirectly | on a separate line for  | r each cla | ass of secur   | ities bene       | eficia | ally owned                           |   |               |   |   |   |  |  |  |
| ,  |   |            |  |                  |        |                                      | Persons who respond to the collection of SE information contained in this form are not required to respond unless the form displays a currently valid OMB control number. |               |   |   |   |  |  |  |

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned $(\emph{e.g.}, puts, calls, warrants, options, convertible securities)$

| 1. Tit | tle of | 2.          | 3. Transaction   | 3A. Deemed         | 4.         | 5.    |         | 6. Date Exer        | rcisable           | 7. Tit | le and   | 8. Price of | 9. Number of   | 10.         | 11. Nature  |
|--------|--------|-------------|------------------|--------------------|------------|-------|---------|---------------------|--------------------|--------|----------|-------------|----------------|-------------|-------------|
| Deriv  | vative | Conversion  | Date             | Execution Date, if | Transactio | n Nur | nber    | and Expirati        | on Date            | Amo    | unt of   | Derivative  | Derivative     | Ownership   | of Indirect |
| Secu   | rity   | or Exercise | (Month/Day/Year) | any                | Code       | of    |         | (Month/Day          | /Year)             | Unde   | erlying  | Security    | Securities     | Form of     | Beneficial  |
| (Inst  | r. 3)  | Price of    |                  | (Month/Day/Year)   | (Instr. 8) | Der   | ivative |                     |                    | Secu   | rities   | (Instr. 5)  | Beneficially   | Derivative  | Ownership   |
|        |        | Derivative  |                  |                    |            | Seci  | urities |                     |                    | (Inst  | r. 3 and |             | Owned          | Security:   | (Instr. 4)  |
|        |        | Security    |                  |                    |            | Acq   | uired   |                     |                    | 4)     |          |             | Following      | Direct (D)  |             |
|        |        |             |                  |                    |            | (A)   | or      |                     |                    |        |          |             | Reported       | or Indirect |             |
|        |        |             |                  |                    |            | Disj  | posed   |                     |                    |        |          |             | Transaction(s) | (I)         |             |
|        |        |             |                  |                    |            | of (l | D)      |                     |                    |        |          |             | (Instr. 4)     | (Instr. 4)  |             |
|        |        |             |                  |                    |            | (Ins  | tr. 3,  |                     |                    |        |          |             |                |             |             |
|        |        |             |                  |                    |            | 4, aı | nd 5)   |                     |                    |        |          |             |                |             |             |
|        |        |             |                  |                    |            |       |         |                     |                    |        | Amount   |             |                |             |             |
|        |        |             |                  |                    |            |       |         | Ditti               | Eii                |        | or       |             |                |             |             |
|        |        |             |                  |                    |            |       |         | Date<br>Exercisable | Expiration<br>Date | Title  | Number   |             |                |             |             |
|        |        |             |                  |                    |            |       |         | Exercisable         | Date               |        | of       |             |                |             |             |
|        |        |             |                  |                    | Code X     | (A)   | (D)     |                     |                    |        | Shares   |             |                |             |             |

### **Reporting Owners**

| Reporting Owner Name / Address  | Relationships |           |                              |       |  |  |  |  |  |
|---|---------------|-----------|------------------------------|-------|--|--|--|--|--|
| Reporting Owner Name / Address  |               | 10% Owner | Officer                      | Other |  |  |  |  |  |
| Hartman Curtis L.<br>1300 POST OAK BLVD.<br>STE. 800<br>HOUSTON, TX 77056 |               |           | Chief Credit Officer and SMD |       |  |  |  |  |  |

#### **Signatures**

| /s/ Rodger A. Stout as Attorney-in-Fact for Curtis L. Hartman | 01/19/2012 |
|---|------------|
| <sup>≛</sup> 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 these shares under a dividend reinvestment plan, pursuant to a dividend reinvestment 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.