FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

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

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

| Name and Address of Reporting Person * Bluestein Scott | | 2. Issuer Name and Ticker or Trading Symbol Hercules Capital, Inc. [HTGC] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
|--|------------------|--|--|-----------------------|---|---|--|--|--|--|------------------------------------|--|--|
| (Last) (First) (Middle) C/O HERCULES CAPITAL, INC., 31 ST. JAMES AVENUE, SUITE 790 | | 3. Date of Earliest Transaction (Month/Day/Year) 04/09/2020 | | | | | X_Office | er (give title belo Chie | f Executive C | other (specify before) | elow) | | |
| (Street) BOSTON, MA 02116 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person 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 Date (Month/Day/Year) | | 2A. Deemed Sexecution Date, if Code (Instr. 8) (Month/Day/Year) | | (A) or Disposed of | | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | | ollowing (s) | Ownership Form: H Direct (D) | Beneficial Ownership | |
| | | | | Code | V A | mount | (A) or (D) I | Price | | | | or Indirect (I) (Instr. 4) | (Instr. 4) |
| Common Stock | | 04/09/2020 | | F | 3. | ,402 L) | $D = \begin{bmatrix} 9 \\ 9 \end{bmatrix}$ | § 9.09 | 663,603 | 3,603 D | | | |
| Restricted Stock Units 04/09/2020 | | | | | | | \$ 9.09 | 471,918 | | |) | | |
| Restricted Stock U | | | ities beneficially ow | F rned directly | | 57 (2) irectly. | | | 471,918 | | | D | |
| | | or each class of securion to the control of the con | Derivative Securiti | ned directly | y or indi Persons contain the forn | irectly. s who ned in t n disp | respon this forr lays a c | d to to are | the collect not requ | ction of inf | | SEC | 1474 (9-02) |
| | separate line fo | Table II - I and 3A. Deemed Execution Date | Derivative Securities.g., puts, calls, wa 4. e, if Transaction Code (ear) (Instr. 8) | es Acquirerrants, opt | y or indi Persons contain the forn | irectly. s who ned in t n displ osed of, onvertib Exercis oirration | respon this forr lays a c or Bene ole securi | d to to to a recurrent ficial ities) 7. Ti Amo Undo Secu | the collect not requ | ction of inf lired to res OMB cont | ormation | SEC SEC 10. Ownersh Form of Derivati Security Direct (I or Indire | 11. Natu of Indire Benefici Ownersh (Instr. 4) |

Reporting Owners

| | Relationships | | | | |
|---|---------------|--------------|-------------------------|-------|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | |
| Bluestein Scott C/O HERCULES CAPITAL, INC. 31 ST. JAMES AVENUE, SUITE 790 BOSTON, MA 02116 | | | Chief Executive Officer | | |

Signatures

| /s//Melanie Grace, Attorney-in-Fact for Scott Bluestein | 04/13/2020 |
|---|------------|
| | |

| **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) Represents shares of common stock withheld to pay taxes applicable to the vesting of restricted stock on April 9, 2020.
- (2) Represents restricted stock units withheld to pay taxes applicable to the vesting of restricted stock units and dividend equivalent shares on April 9, 2020

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.