FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL         |           |  |  |  |  |  |  |  |  |
|----------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:          | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average bu | urden     |  |  |  |  |  |  |  |  |
| hours nor 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).

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

| 1. Name and Address of Reporting Person* <u>Brata James Kevin</u>              |   |  |   |         |   | 2. Issuer Name and Ticker or Trading Symbol TGC INDUSTRIES INC [ TGE ] |  |        |  |          |   |  |   | ck all applic<br>Director                           | ationship of Reporting Pers<br>(all applicable)<br>Director<br>Officer (give title<br>below)<br>VP; Secy; Treas |               | 10% Owner   |                                       |
|--|---|--|---|---------|---|--|--|--------|--|----------|---|--|---|---|---|---------------|---|---------------------------------------|
| (Last)<br>101 E. P.  | (F<br>ARK BLVE  |  | 3. Date of Earliest Transaction (Month/Day/Year) 03/14/2013 |         |   |  |  |        |  |          | below)  | Other (s<br>below)<br>; CFO                          | pecify  |   |   |               |   |                                       |
| (Street) PLANO TX 75074  |   |  |   |         | 4.                                      | 4. If Amendment, Date of Original Filed (Month/Day/Year)               |  |        |  |          |   |  | 6. In<br>Line   |   |   |               |   |                                       |
| (City)   | (State) (Zip)   |  |   |         |   |  |  |        |  |          | Person  |  |   |   |   |               |   |                                       |
| Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transa Date (Month/D |   |  |   | nsactio | Execution Date,                         |  | 3. 4. Securiti Transaction Code (Instr.  |        | f, or Beneficial<br>ies Acquired (A) or<br>Of (D) (Instr. 3, 4 and |          | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following |  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) |   | 7. Nature of Indirect Beneficial Ownership  |               |   |                                       |
|  |   |  |   |         |   |  |  | Code   | v  | Amount   | (A) or<br>(D)   | Price  |   | Transaction(s)<br>(Instr. 3 and 4)                  |   |               | Instr. 4)   |                                       |
| Common Stock 03/14/  |   |  |   |         |   | 2013   |  | М      |  | 34,729 A |   | \$2.91   | 51,470  |   |   | D             |   |                                       |
| Common Stock 03/14/  |   |  |   |         | 14/20                                   | 2013   |  | F      |  | 7,991    | D   | \$10.37  | 7 43,   | 43,479  |   | D             |   |                                       |
|  |   |  | Table II -  |         |   |  |  |        |  |          | osed of,<br>onvertib  |  |   | Owned   |   |               |   |                                       |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                            | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Dat<br>if any<br>(Month/Day/Ye      | oate,   | 4.<br>Transaction<br>Code (Instr.<br>8) |  | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5) |        | 6. Date Exercisable<br>Expiration Date<br>(Month/Day/Year)         |          | te  | of Securities Underlying Derivative St (Instr. 3 and |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported                           | e<br>s<br>lly | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |  |   |         | Code                                    | v  | (A) (D)  | (D)    | Date<br>Exercisa   | ıble     | Expiration<br>Date  | Title  | Amount<br>or<br>Number<br>of<br>Shares                            |   | Transaction(s)<br>(Instr. 4)  |               |   |                                       |
| Incentive<br>Stock<br>Option   | \$2.91  | 03/14/2013                                 |   |         | M                                       |  |  | 34,729 | (1)  |          | 10/23/2013  | Common<br>Stock                                      | 34,729  | \$101,100   | 0   |               | D   |                                       |
| Incentive<br>Stock<br>Option<br>(reload)                                       | \$10.37   | 03/14/2013                                 |   |         | A                                       |  | 7,991  |        | 09/14/20   | 013      | 10/23/2013  | Common<br>Stock                                      | 7,991   | (2)   | 7,991   |               | D   |                                       |

## **Explanation of Responses:**

- 1. Currently exercisable.
- 2. Not applicable.

James K. Brata

03/18/2013

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.