

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

|   |  |   |
|---|--|---|
| 1. Name and Address of Reporting Person*<br><u>BARRETT WILLIAM J</u><br><br>(Last) (First) (Middle)<br><u>PO BOX 6199</u><br><br>(Street)<br><u>FAIR HAVEN NJ 07704</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>DAWSON GEOPHYSICAL CO [ DWSN ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>12/01/2015</u>                |   |
|   | 4. If Amendment, Date of Original Filed (Month/Day/Year)<br><u>12/03/2015</u>        | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |

**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 Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |       | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
|  |                                      |  | Code                           | V | Amount  | (A) or (D) | Price |   |  |   |
| Dawson Geophysical Company-Common Stock \$0.01 par value | 12/01/2015                           |  | A                              |   | 7,947   | A          | \$0   | 643,031 <sup>(1)</sup>  | D  |   |
| Dawson Geophysical Company-Common Stock \$0.01 par value |                                      |  |                                |   |   |            |       | 59,249 <sup>(1)(2)</sup>  | I  | By Spouse   |

**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. Transaction Code (Instr. 8) |   | 6. Date Exercisable and Expiration Date (Month/Day/Year) |     | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|---|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D) |   |  |  |   |  |

**Explanation of Responses:**

- On February 11, 2015, Dawson Operating Company, previously known as Dawson Geophysical Company (the "Predecessor"), merged into a subsidiary of Dawson Geophysical Company, previously known as TGC Industries, Inc. (the "Issuer") (the "Merger"). In connection with (and immediately prior to) the Merger, a 1-for-3 reverse stock split of the Issuer's common stock was effected. The share figures set forth in this Form 4 reflect the current share ownership of the Reporting Person with respect to the Issuer, after giving effect to the Merger and the 1-for-3 reverse stock split.
- Amended to disclose that Reporting Person disclaims beneficial ownership of common stock owned by spouse.

William J. Barrett

03/01/2016

\*\* Signature of Reporting Person

Date

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

\* 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.