

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

DATE OF REPORT (DATE OF EARLIEST EVENT REPORTED): **April 20, 2010**

TGC INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

Texas
(State of incorporation)

0-14908
(Commission File No.)

74-2095844
(IRS Employer Identification No.)

101 East Park Blvd., Suite 955
Plano, TX 75074
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: **(972) 881-1099**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01. Regulation FD Disclosure.

On April 20, 2010, TGC Industries, Inc. (the "Company") issued a press release (the "Press Release") announcing a 5% stock dividend on its outstanding Common Stock. Shareholders of record as of April 30, 2010, will receive the stock dividend for each share owned on that date, payable on May 14, 2010. The full text of the Press Release is set forth in Exhibit 99.1 to this Current Report on Form 8-K.

Pursuant to General Instruction B.2 of Form 8-K, the information in this Current Report on Form 8-K, including the exhibit, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liability of that section, and is not incorporated by reference into any filing of the Company, whether made before or after the date hereof, regardless of any general incorporation language in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Pursuant to General Instruction B.2 of Form 8-K, the following exhibit is furnished with this Form 8-K:

99.1 Press Release dated April 20, 2010.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

TGC INDUSTRIES, INC.

Date: April 26, 2010

By: /s/ Wayne A. Whitener
Wayne A. Whitener
President and CEO

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EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release dated April 20, 2010.

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**NEWS RELEASE**

CONTACTS: Wayne Whitener
Chief Executive Officer
TGC Industries, Inc.
(972) 881-1099

Jack Lascar, Partner
Karen Roan, SVP
DRG&E (713) 529-6600

FOR IMMEDIATE RELEASE**TGC Industries Declares Five Percent Stock Dividend**

PLANO, TEXAS — April 20, 2010 — TGC Industries, Inc. (NASDAQ: TGE) today announced that its Board of Directors has declared a five percent (5%) stock dividend on its outstanding Common Stock. Shareholders of record as of April 30, 2010 will receive the stock dividend for each share owned on that date, payable on May 14, 2010.

Cash in lieu of fractional shares will be paid to shareholders based on the last sales price of the Company's Common Stock on the record date. As of April 13, 2010, TGC Industries had 18,285,288 shares of Common Stock outstanding.

TGC Industries, Inc., based in Plano, Texas, is a leading provider of seismic data acquisition services, with operations throughout the continental United States and Canada. The Company has branch offices in Houston, Oklahoma City and Calgary.

This press release includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These forward-looking statements are based on our current expectations and projections about future events. All statements other than statements of historical fact included in the press release regarding the Company are forward-looking statements. There can be no assurance that those expectations and projections will prove to be correct.

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