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 29, 2013

TGC INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

Texas (State of incorporation)

001-32472 (Commission File No.)

74-2095844 (IRS Employer Identification No.)

101 E. 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)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

Attached hereto as Exhibit 99.1 is a copy of a press release (the "Press Release") issued by TGC Industries, Inc. ("TGC") on April 29, 2013, announcing its financial results for the first quarter of 2013. The Press Release is incorporated by reference into this Item 2.02, and the foregoing description of the Press Release is qualified in its entirety by reference to this exhibit.

The Press Release contains "non-GAAP financial measures" as defined in Item 10 of Regulation S-K of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). In the Press Release, TGC has provided reconciliations of the non-GAAP financial measures to the most directly comparable financial measures calculated and presented in accordance with generally accepted accounting principles ("GAAP") in the United States. Management of TGC believes that investors' understanding of the Company's performance is enhanced by disclosing these non-GAAP financial measures as a reasonable basis for comparison of the Company's ongoing results of operations. These non-GAAP measures should not be considered a substitute for GAAP-basis measures and results. Our non-GAAP measures may not be comparable to non-GAAP measures of other companies.

Pursuant to General Instruction B.2 of Form 8-K, the information in this Form 8-K, including the exhibit, shall not be deemed "filed" for purposes of Section 18 of the Exchange Act or otherwise subject to the liability of that section, and is not incorporated by reference into any filing of TGC, 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 29, 2013.

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 29, 2013

By: /s/ Wayne A. Whitener

Wayne A. Whitener

President and Chief Executive Officer

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EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release dated April 29, 2013.
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NEWS RELEASE

CONTACTS: Wayne Whitener

Chief Executive Officer TGC Industries, Inc. (972) 881-1099

Jack Lascar / Karen Roan Dennard · Lascar Associates

(713) 529-6600

FOR IMMEDIATE RELEASE

TGC Industries Reports First Quarter 2013 Results

PLANO, TEXAS — APRIL 29, 2013 — TGC Industries, Inc. (NASDAQ: TGE) ("TGC") today announced financial results for the first quarter of 2013. Revenues for the first quarter were \$63.2 million compared to \$67.0 million in the record first quarter of 2012. Net income for the first quarter was \$6.4 million, or \$0.29 per diluted share, compared to \$12.4 million, or \$0.57 per diluted share, in the first quarter of 2012. Included in first quarter 2013 results is a reserve expense of approximately \$1.3 million associated with site clean-up costs related to the ending of the Canadian winter season. The Company did not record such an expense in the first quarter of 2012.

Wayne Whitener, TGC Industries' President and Chief Executive Officer, said, "Our first quarter results were essentially in line with our forecast. As previously disclosed, we had expected first quarter 2013 results to be below last year's first quarter due to the reserve that we took in the first quarter of 2013 that was not taken in the first quarter of 2012; additional depreciation expense of approximately \$1 million; land permitting delays, mainly in the Northeast; and difficult winter weather conditions in parts of the U.S. during the first two months of this year.

"We saw solid activity in Canada during the first quarter and operated six crews for the entire period as compared with seven crews last year. We also had nine crews operating in the U.S. for a total of 15 crews operating in North America for the entire first quarter. Due to the Canadian spring breakup, since the beginning of April we have shut down four crews in Canada, and we operated two crews through the middle of April. We are experiencing a softening in the U., S. seismic market as our clients are re-evaluating reservoir plays and seismic funds are being diverted to drilling programs. As a result, we have idled two crews but are keeping the key

personnel to maintain flexibility to get crews back into the field as quickly as client demands warrant.

"We believe the softening is temporary, but may last into the third quarter. However, we believe demand for our services will improve during the latter part of the year. Our backlog at the end of the first quarter was approximately \$40 million, consisting primarily of U.S. work.

"We ended the first quarter of 2013 with approximately \$47.6 million in cash and receivables and generated approximately \$5.3 million in cash from operations during the quarter. We are well positioned from a competitive standpoint with the most advanced, state-of-the-art equipment available, including a substantial amount of wireless equipment. Our balance sheet remains strong, and we continue to maintain the financial and operational flexibility to capitalize on new business opportunities as they occur," concluded Mr. Whitener.

First quarter 2013 revenues were \$63.2 million compared to \$67.0 million in the record first quarter of 2012. TGC operated nine crews in the U.S. and six crews in Canada for the entire first quarter. This compares to eight crews operating in the U.S. and seven crews in Canada in the first quarter of 2012.

Gross profit margin in the first quarter of 2013 was 31.6% compared to 42.5% in the first quarter of 2012. Cost of services in the quarter increased to \$43.2 million from \$38.5 million in the first quarter of 2012 primarily due to land permitting delays on site in the Northeast, along with adverse winter weather conditions during the first two months of 2013. As a percentage of revenues, cost of services was 68.4% in this year's first quarter compared to 57.5% in the first quarter of 2012.

Selling, general and administrative expenses ("SG&A") were \$2.4 million compared to \$2.3 million in the first quarter of 2012. SG&A as a percentage of revenues for the 2013 first quarter was 3.8% compared to 3.4% in the first quarter a year ago. Depreciation and amortization expense in the first quarter increased to \$6.7 million from \$5.7 million in the first quarter of 2012, largely due to purchases of new wireless equipment made over the past year in response to client demand. As a percentage of revenues, depreciation and amortization expense was 10.6% and 8.5% of revenues for the first quarters of 2013 and 2012, respectively.

Income from operations was \$10.9 million in the first quarter of 2013 compared to \$20.5 million in the first quarter a year ago First quarter 2013 EBITDA* (earnings before net interest

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expense, taxes, depreciation, and amortization) was \$17.6 million compared to \$26.2 million in the first quarter of 2012.

^{*}A reconciliation of EBITDA (a non-GAAP financial measure) to reported earnings can be found in the financial tables.

TGC Industries has scheduled a conference call for Monday, April 29, 2013, at 9:30 a.m. Eastern Time / 8:30 a.m. Central Time. To participate in the conference call, dial 480-629-9771 at least 10 minutes before the call begins and ask for the TGC Industries conference call. A replay of the call will be available approximately two hours after the live broadcast ends and will be accessible until May 14, 2013. To access the replay, dial 303-590-3030 using a pass code of 4610522#.

Investors, analysts, and the general public will also have the opportunity to listen to the conference call over the Internet by visiting http://www.tgcseismic.com. To listen to the live call on the web, please visit the website at least fifteen minutes before the call begins to register, download, and install any necessary audio software. For those who cannot listen to the live webcast, an archive will be available shortly after the call and will remain available for approximately 90 days at http://www.tgcseismic.com.

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, Midland, 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 this press release regarding the Company are forward-looking statements. There can be no assurance that those expectations and projections will prove to be correct. Important factors that could cause actual results to differ materially from such expectations and projections are disclosed in the Company's Securities and Exchange Commission filings, and include, but are not limited to, the dependence upon energy industry spending for seismic services, the unpredictable nature of forecasting weather, the potential for contract delay or cancellation, and the potential for fluctuations in oil and gas prices. We undertake no obligation to publicly update or revise these forward-looking statements, whether as a result of new information, future events or otherwise.

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TGC Industries, Inc. Consolidated Statement of Earnings (Unaudited)

		Three Months Ended March 31,		
		2013		2012
Revenue	\$	63,204,413	\$	67,045,408
Cost and expenses				
Cost of services		43,232,641		38,548,049
Selling, general and administrative		2,380,541		2,300,002
Depreciation and amortization expense		6,686,369		5,722,599
		52,299,551	-	46,570,650
Income from operations		10,904,862		20,474,758
		240 = 20		2 42 2 4
Interest expense		319,706		242,345
Income before income taxes		10,585,156		20,232,413
Income tax expense		4,233,684		7,848,153
NET INCOME	\$	6,351,472	\$	12,384,260
F				
Earnings per common share:	r.	0.20	ф	0.50
Basic	\$	0.29	\$	0.58
Diluted	\$	0.29	\$	0.57
Weighted average number of common shares outstanding:				
Basic		21,722,855		21,326,962
Diluted		22,186,333		21,789,222

All per share amounts have been adjusted for the 5% stock dividend to be paid May 14, 2013 to shareholders of record as of April 30, 2013.

The statement of operations reflects all adjustments which are, in the opinion of management, necessary for a fair presentation of the interim periods. The results of the interim periods are not necessarily indicative of results to be expected for the entire year.

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TGC Industries, Inc. Condensed Consolidated Balance Sheet

	 March 31, 2013 (Unaudited)	 December 31, 2012
Cash and cash equivalents	\$ 9,999,433	\$ 8,614,244
Receivables (net)	37,649,154	35,640,758

Prepaid expenses and other		9,629,266	 8,088,722
Current assets		57,277,853	52,343,724
Other assets (net)		298,309	298,347
Property and equipment (net)		82,383,135	89,385,767
Total assets	\$	139,959,297	\$ 142,027,838
Current liabilities	\$	35,933,808	\$ 40,127,631
Long-term obligations		13,938,081	16,297,535
Long-term deferred tax liability		6,686,271	7,617,111
Shareholders' equity		83,401,137	77,985,561
Total liabilities & equity	\$	139,959,297	\$ 142,027,838

TGC Industries, Inc. Reconciliation of EBITDA to Net Income

(Unaudited)

	Three Months Ended March 31,			
	 2013		2012	
Net income	\$ 6,351,472	\$	12,384,260	
Depreciation expense	6,686,369		5,722,599	
Interest expense	319,706		242,345	
Income tax expense	4,233,684		7,848,153	
EBITDA	\$ 17,591,231	\$	26,197,357	

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