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UNITED STATES  
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): October 24, 2011

**DAWSON GEOPHYSICAL COMPANY**

(Exact name of Registrant as specified in its charter)

**TEXAS**  
(State of incorporation  
or organization)

**001-34404**  
(Commission file number)

**75-0970548**  
(I.R.S. employer identification number)

**508 W. WALL, SUITE 800**  
**MIDLAND, TEXAS**  
(Address of principal executive offices)

**79701**  
(Zip code)

Registrant's telephone number, including area code: (432) 684-3000

(Former name or former address, if changed since last report)

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))
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## **Item 8.01. Other Events.**

On October 24, 2011, Dawson Geophysical Company (“Dawson”) and TGC Industries, Inc. (“TGC”) issued a joint press release providing (i) an update regarding the 10-day average of the volume weighted average price of Dawson common stock, (ii) a statement that TGC and Dawson have exchanged letters reflecting each of their suggested changes to various terms of the merger agreement, including the exchange ratio, (iii) an explanation that, pursuant to the terms of the merger agreement, the parties would be negotiating on October 26 and 27, 2011 regarding a possible adjustment to the exchange ratio and (iv) an explanation that if the parties do not reach an agreement on a possible adjustment to the exchange ratio, either party may terminate the parties’ merger agreement at any time on or after negotiations end on October 27, 2011.

A copy of the joint press release is included herein as Exhibit 99.1 and is incorporated by reference herein.

\* \* \*

### Important Information For Investors and Shareholders

This report does not constitute an offer to sell or the solicitation of an offer to buy any securities or a solicitation of any vote or approval.

In connection with the proposed merger, Dawson filed with the Securities and Exchange Commission (“SEC”) a registration statement on Form S-4 that includes a definitive joint proxy statement/prospectus regarding the proposed merger. The registration statement was declared effective by the SEC on September 23, 2011, and a definitive joint proxy statement/prospectus was mailed to Dawson and TGC shareholders on or about September 27, 2011 in connection with the proposed merger.

INVESTORS AND SECURITY HOLDERS OF DAWSON AND TGC ARE URGED TO READ THE JOINT PROXY STATEMENT/PROSPECTUS AND OTHER RELEVANT DOCUMENTS FILED WITH THE SEC CAREFULLY AND IN THEIR ENTIRETY AS THEY CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION. Investors and shareholders may obtain free copies of the joint proxy statement/prospectus, as well as other documents containing important information about Dawson and TGC filed with the SEC, through the website maintained by the SEC at [www.sec.gov](http://www.sec.gov). Dawson and TGC make available free of charge at [www.dawson3d.com](http://www.dawson3d.com) and [www.tgcseismic.com](http://www.tgcseismic.com), respectively (in the “Investor Relations” section), copies of materials they file with, or furnish to, the SEC, or investors and shareholders may contact Dawson at (432) 684-3000 or TGC at (972) 881-1099 to receive copies of documents that each company files with or furnishes to the SEC.

### Participants in the Proxy Solicitation

Dawson, TGC, and certain of their respective directors and officers may be deemed to be participants in the solicitation of proxies from the shareholders of Dawson and TGC in connection with the proposed transactions. Information about the directors and officers of Dawson is set forth in its proxy statement for its 2011 annual meeting of shareholders, which was filed with the SEC on December 7, 2010. Information about the directors and officers of TGC is set forth in its Amendment No. 1 to Annual Report on Form 10-K/A, which was filed with the SEC on April 15, 2011. These documents can be obtained free of charge from the sources indicated above. Other information regarding the participants in the proxy solicitation and a description of their direct and indirect interests, by security holdings or otherwise, is contained in the joint proxy statement/prospectus and other relevant materials to be filed with the SEC when they become available.

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**Item 9.01. Financial Statements and Exhibits.**

**(d) Exhibits**

<u>Exhibit Number</u>	<u>Description</u>
99.1	Press release dated October 24, 2011.

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**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.

DAWSON GEOPHYSICAL COMPANY

Date: October 24, 2011

By: /s/ Christina W. Hagan

Christina W. Hagan  
Executive Vice President, Secretary and  
Chief Financial Officer

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## INDEX TO EXHIBITS

Exhibit  
Number

Description

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99.1

Press release dated October 24, 2011.

**NEWS RELEASE**

Dawson Geophysical Company  
508 West Wall, Suite 800  
Midland, TX 79701



**DAWSON GEOPHYSICAL AND TGC INDUSTRIES  
ANNOUNCE MERGER UPDATE**

MIDLAND, Texas, October 24, 2011/PR Newswire/ — As previously announced, Dawson Geophysical Company (Dawson) (NASDAQ: DWSN) and TGC Industries, Inc. (TGC) (NASDAQ: TGE) entered into a definitive merger agreement pursuant to which Dawson will acquire TGC in a tax-free stock-for-stock transaction.

The Board of Directors of each of Dawson and TGC approved on March 20, 2011 the merger agreement and recommends that each of their respective shareholders vote **“FOR”** the proposals to be voted on at the special meetings approving the transaction.

Pursuant to the terms of the merger agreement, one of the conditions to closing is that the average of the volume weighted average price (or VWAP) of Dawson common stock on the NASDAQ during the 10 consecutive trading days ending on October 25, 2011 be equal to or greater than \$32.54 but less than or equal to \$52.54. As of October 21, 2011 (the end of the 8<sup>th</sup> trading day of the 10 trading day measurement period), the average of Dawson’s VWAP for the first 8 trading days of the measurement period was \$27.23.

Since it is unlikely that the 10-day average of Dawson’s VWAP on October 25, 2011 will be within the designated range, Dawson and TGC have exchanged letters reflecting their suggested changes to various terms of the merger agreement, including the exchange ratio. At this time, no changes have been agreed to by the parties. Pursuant to the terms of the merger agreement, Dawson and TGC are required, during October 26 and 27, 2011, to negotiate a possible adjustment to the exchange ratio. If the parties do not come to an agreement on a revised merger agreement, then either party may terminate the transaction at any time on or after negotiations end on October 27, 2011. There can be no assurance that any discussions will result in any adjustments to the existing terms of the merger agreement, including the exchange ratio.

If Dawson and TGC do agree to revise the merger agreement, Dawson and TGC will each publicly announce the revisions, will circulate a supplement to the joint proxy statement/prospectus previously sent to shareholders, and will adjourn their respective shareholder meetings to permit shareholders to revote their shares, if they choose to do so.

Regardless of the discussions noted above, the merger transaction cannot be consummated unless it is approved by Dawson and TGC shareholders at their respective special meetings. Accordingly, Dawson’s board of directors recommends that Dawson shareholders vote **“FOR”**

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approval of the issuance of shares of Dawson common stock to TGC shareholders pursuant to the merger agreement and TGC's board of directors recommends that TGC shareholders vote "FOR" approval of the merger agreement.

Dawson shareholders who have questions about the merger, or who need assistance in submitting their proxy or voting their shares, should contact the proxy solicitor, Morrow & Co., LLC, at (800) 607-0088 (banks and brokers call collect: (203) 658-9400).

TGC shareholders who have questions about the merger, or who need assistance in submitting their proxy or voting their shares, should contact the proxy solicitor, D.F. King at (800) 967-4617 (banks and brokers call collect: (212) 269-5550).

#### **About Dawson**

Dawson Geophysical Company is the leading provider of U.S. onshore seismic data acquisition services as measured by the number of active data acquisition crews. Founded in 1952, Dawson acquires and processes 2-D, 3-D and multi-component seismic data solely for its clients, ranging from major oil and gas companies to independent oil and gas operators as well as providers of multi-client data libraries.

#### **About TGC Industries**

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

#### **Cautionary Statement Regarding Forward-Looking Statements**

In accordance with the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995, Dawson and TGC caution that statements in this press release which are forward-looking and which provide other than historical information involve risks and uncertainties that may materially affect Dawson's or TGC's actual results of operations. These risks include but are not limited to the volatility of oil and natural gas prices, dependence upon energy industry spending, disruptions in the global economy, industry competition, delays, reductions or cancellations of service contracts, high fixed costs of operations, external factors affecting Dawson's or TGC's crews such as weather interruptions and inability to obtain land access rights of way, whether either company enters into turnkey or term contracts, crew productivity, limited number of customers, credit risk related to Dawson's or TGC's customers, the availability of capital resources, operational disruptions, the ability to obtain all necessary approvals for the merger and whether the average of the volume weighted average price of Dawson's common stock will be within the range specified in the merger agreement and if not, whether the parties can agree to a modified exchange ratio. A discussion of these and other factors, including risks and uncertainties with respect to Dawson is set forth in Dawson's Form 10-K for the fiscal year ended September 30, 2010 and Dawson's Form 10-Qs for the three months ended March 31, and June 30, 2011 and with respect to TGC, is set forth in TGC's Form 10-K for the fiscal year ended December 31, 2010 and TGC's Form 10-Qs for the three months ended March 31, and

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June 30, 2011. Dawson and TGC disclaim any intention or obligation to revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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**Company Contact**

**Dawson Geophysical Company**

Stephen C. Jumper, President & CEO  
Christina W. Hagan, CFO  
(800) 332-9766

[www.dawson3d.com](http://www.dawson3d.com)

**Company Contact**

**EnerCom, Inc.**

Anthony D. Andora, Managing Director  
(303) 296-8834

**Company Contact**

**TGC Industries, Inc.**

Wayne Whitener, President & CEO  
(972) 881-1099

**Company Contact**

**DRG&L**

Jack Lascar  
(713) 529-6600