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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): March 1, 2007**

**DAWSON GEOPHYSICAL COMPANY**

(Exact name of Registrant as specified in its charter)

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

**2-71058**  
(Commission file number)

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

**508 West Wall, Suite 800  
Midland, Texas 79701**  
(Address of principal executive offices)

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

(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 7.01. Regulation FD Disclosure.**

On March 1, 2007, the Registrant announced that Stephen Jumper, its President and Chief Executive Officer and Christina Hagan, its Chief Financial Officer, Executive Vice President and Secretary are scheduled to present at the Raymond James 28th Annual Institutional Investors Conference on Tuesday, March 6, beginning at 4:35 p.m. EST. The presentation will be webcast live on the Registrant's web site and may be accessed at [www.dawson3d.com](http://www.dawson3d.com) by clicking on the Investor Relations link. A copy of the presentation notes may also be obtained on the web site. Replay of the webcast will be available on the Registrant's web site for 30 days following the event. The information contained on the Registrant's web site is not incorporated by reference herein.

The press release announcing the presentation is furnished as Exhibit 99.1 to this Current Report. Pursuant to the rules and regulations of the Securities and Exchange Commission, such exhibit and the information set forth therein and herein are deemed to be furnished and shall not be deemed to be "filed" under the Securities Act of 1934.

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

**(d) Exhibits**

In accordance with General Instruction B.2 of Form 8-K, the information set forth in the attached Exhibit 99.1 is deemed to be "furnished" and shall not be deemed to be "filed" for purposes of Section 18 of the Exchange Act.

| <u>EXHIBIT<br/>NUMBER</u> | <u>DESCRIPTION</u>                   |
|---------------------------|--------------------------------------|
| 99.1                      | — Press release dated March 1, 2007. |

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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: March 2, 2007

By: /s/ Christina W. Hagan

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Christina W. Hagan  
Chief Financial Officer

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**INDEX TO EXHIBITS**

| <u>EXHIBIT<br/>NUMBER</u> | <u>DESCRIPTION</u>                   |
|---------------------------|--------------------------------------|
| 99.1                      | — Press release dated March 1, 2007. |

Dawson Geophysical to Present at Raymond James 28th Annual Institutional Investors Conference

MIDLAND, Texas, March 1/ PRNewswire-FirstCall/- Stephen Jumper, President and Chief Executive Officer and Christina Hagan, Chief Financial Officer, Executive Vice President and Secretary of Dawson Geophysical Company (NASDAQ: DWSN) (the "Company") are scheduled to present at the Raymond James 28th Annual Institutional Investors Conference on Tuesday, March 6, beginning at 4:35 p.m. EST. A live webcast of the presentation can be accessed at <http://www.dawson3d.com> and will be archived on the Company's web site for 30 days. A copy of the presentation notes may also be obtained on the web site.

During this presentation, Mr. Jumper and Ms. Hagan will make references to EBITDA, which is a non-GAAP financial measure. A reconciliation of this non-GAAP measure to the applicable GAAP measure can be found in the Company's earnings release for first quarter 2007, furnished as Exhibit 99.1 to the Company's Current Report on Form 8-K filed on February 6, 2007, which is available on the Company's web site.

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.

In accordance with the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995, Dawson Geophysical Company cautions 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 the Company's actual results of operations. These risks include, but are not limited to, dependence upon energy industry spending, the volatility of oil and gas prices, weather interruptions, the ability to obtain land access rights of way and the availability of capital resources. A discussion of these and other factors, including risks and uncertainties, is set forth in the Company's Form 10-K for the fiscal year ended September 30, 2006. Dawson Geophysical Company disclaims any intention or obligation to revise any forward-looking statements, whether as a result of new information, future events, or otherwise.