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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): August 10, 2009

**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 7.01. Regulation FD Disclosure.**

On August 10, 2009, Stephen Jumper, the President and Chief Executive Officer of Dawson Geophysical Company (the "Company"), presented at The 2009 Oil & Gas Conference™ in Denver, Colorado hosted by EnerCom, Inc. A replay of the webcast of Mr. Jumper's presentation will be available on the Company's web site for 30 days following the event and may be accessed at [www.dawson3d.com](http://www.dawson3d.com) by clicking on the Investor Relations link. A copy of the presentation materials may be obtained by contacting the Company's executive offices at 1-800-332-9766. The information contained on the Company's web site is not incorporated by reference herein.

Pursuant to the rules and regulations of the Securities and Exchange Commission, the information set forth herein is deemed to be furnished and shall not be deemed to be "filed" under the Securities Exchange Act of 1934, as amended.

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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: August 10, 2009

By: /s/ Christina W. Hagan

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