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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): January 28, 2008**

**DAWSON GEOPHYSICAL COMPANY**

(Exact name of Registrant as specified in its charter)

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

**0-10144**  
(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 February 14, 2008, the Company announced that Stephen Jumper, its President and Chief Executive Officer, is scheduled to present at The Oilservice and International E&P Conference VI® in San Francisco hosted by EnerCom, Inc. on Thursday, February 21, beginning at 9:40 a.m. Pacific Time. The presentation will be webcast live on the Company's web site and may be accessed at [www.dawson3d.com](http://www.dawson3d.com) by clicking on the Investor Relations link. Replay of the webcast will be available on the Company's web site for 30 days following the event. 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.

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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: February 14, 2008

By: /s/ Christina W. Hagan

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