

DAWSON GEOPHYSICAL CO  
Form 8-K  
March 31, 2009

**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 31, 2009  
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 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 March 31, 2009, Dawson Geophysical Company (the Company ) issued a press release announcing its filing of a shelf registration statement with the Securities and Exchange Commission. The Company hereby incorporates by reference into this Item 7.01 the information set forth in such press release, a copy of which 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 Exchange Act of 1934, as amended (the Exchange Act ).

**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 the Exchange Act.

| Exhibit<br>Number | Description                         |
|-------------------|-------------------------------------|
| 99.1              | Press release dated March 31, 2009. |

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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 31, 2009

By: /s/ Christina W. Hagan

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

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**INDEX TO EXHIBITS**

| Exhibit<br>Number | Description                         |
|-------------------|-------------------------------------|
| 99.1              | Press release dated March 31, 2009. |