

ION GEOPHYSICAL CORP  
Form 8-K  
January 09, 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): January 8, 2009  
ION Geophysical Corporation  
(Exact name of registrant as specified in its charter)**

**Delaware**  
(State or other jurisdiction of  
incorporation)

**1-12691**  
(Commission file number)

**22-2286646**  
(I.R.S. Employer Identification No.)

**2105 CityWest Blvd, Suite 400  
Houston, Texas 77042-2839**  
(Address of principal executive offices, including Zip Code)  
**(281) 933-3339**

(Registrant's telephone number, including area code)

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:

- 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 January 8, 2009, ION Geophysical Corporation (the Company ) issued a press release regarding the Company s view of its estimated results of operations for the quarter ended December 31, 2008. A copy of the press release is furnished as Exhibit 99.1 hereto.

The information contained in Item 7.01 and Exhibit 99.1 of this report (i) is not to be considered filed under the Securities Exchange Act of 1934, as amended (the Exchange Act ) and (ii) shall not be incorporated by reference into any previous or future filings made by or to be made by the Company with the Securities and Exchange Commission under the Securities Act of 1933, as amended, or the Exchange Act.

**Item 9.01 Financial Statements and Exhibits.**

(a) *Financial statements of businesses acquired.*

Not applicable.

(b) *Pro forma financial information.*

Not applicable.

(c) *Shell company transactions.*

Not applicable.

(d) *Exhibits.*

Exhibit Number Description

99.1 Press Release of ION Geophysical Corporation dated January 8, 2009.

**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.

Date: January 9, 2009

ION GEOPHYSICAL CORPORATION

By: /s/ DAVID L. ROLAND  
David L. Roland  
Senior Vice President, General Counsel  
and  
Corporate Secretary

**EXHIBIT INDEX**

Exhibit Number	Description
99.1	Press Release of ION Geophysical Corporation dated January 8, 2009.