

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities
Exchange Act of 1934

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to Section 240.14a-12

NATURAL GAS SERVICES GROUP, INC.

(Name of Registrant as Specified In Its Charter)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which the transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11:

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

***** Exercise Your *Right* to Vote *****
**Important Notice Regarding the Availability of Proxy Materials for the
Shareholder Meeting to Be Held on June 14, 2011.**

NATURAL GAS SERVICES GROUP, INC.

Meeting Information

Meeting Type: Annual Meeting
For holders as of: April 18, 2011
Date: June 14, 2011 **Time:** 9:00 AM CDT
Location: Hilton Hotel
117 West Wall Street
Midland, TX 79701

You are receiving this communication because you hold shares in the above named company.

This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side).

We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain proxy materials and voting instructions.

M36592-F07685

— Before You Vote —
How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

NOTICE AND PROXY STATEMENT ANNUAL REPORT WITH FORM 10-K

How to View Online:

Have the information that is printed in the box marked by the arrow → (located on the following page) and visit: www.proxyvote.com

How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

- 1) BY INTERNET: www.proxyvote.com
- 2) BY TELEPHONE: 1-800-579-1639
- 3) BY E-MAIL*: sendmaterial@proxyvote.com

* If requesting materials by e-mail, please send a blank e-mail with the information that is printed in the box marked by the arrow → (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before May 31, 2011 to facilitate timely delivery.

— How To Vote —

Please Choose One of the Following Voting Methods

Vote In Person: If you choose to vote these shares in person at the meeting, you must request a "legal proxy." To do so, please follow the instructions at www.proxyvote.com or request a paper copy of the materials, which will contain the appropriate instructions. Many shareholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Have the information that is printed in the box marked by the arrow → available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a voting instruction form.

M315193-F071813

Voting Items

The Board of Directors recommends you vote FOR the following:

1. Election of Directors

Nominees

- 01) Gene A. Strashheim (for a term expiring 2012)
- 02) Kenneth V. Huseman (for a term expiring 2013)
- 03) Charles G. Curtis (for a term expiring 2014)
- 04) Stephen C. Taylor (for a term expiring 2014)

The Board of Directors recommends you vote FOR the following proposals:

2. Ratification of the appointment of BDO USA, LLP as the Company's Independent Registered Public Accounting Firm for 2011.
3. To consider an advisory vote on compensation of our named executive officers.

The Board of Directors recommends you vote 3 years on the following proposal:

4. To consider an advisory vote on the frequency of the advisory vote on compensation of our named executive officers.

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.

MS6594-PC7683





Voting Instructions

MD6595-F07885