

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL                                 |           |
|--|-----------|
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|   |   |   |
|---|---|---|
| 1. Name and Address of Reporting Person *<br><u>YADON RICHARD L</u><br><br>(Last) (First) (Middle)<br>4444 VERDE GLEN CT.<br><br>(Street)<br>MIDLAND TX 79707<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>NATURAL GAS SERVICES GROUP INC</u><br>[ NGS ] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br>09/12/2005                                  |   |
|   | 4. If Amendment, Date of Original Filed (Month/Day/Year)  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock                    | 09/12/2005                           |  | S                              |   | 1,000   | D          | \$23.23 | 263,500   | D  |   |
| Common Stock                    | 09/12/2005                           |  | S                              |   | 1,600   | D          | \$23.4  | 261,900   | D  |   |
| Common Stock                    | 09/12/2005                           |  | S                              |   | 1,100   | D          | \$23.56 | 260,800   | D  |   |
| Common Stock                    | 09/12/2005                           |  | S                              |   | 300   | D          | \$23.25 | 260,500   | D  |   |
| Common Stock                    | 09/12/2005                           |  | S                              |   | 6,000   | D          | \$23.5  | 254,500   | D  |   |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3)              | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
|   |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |   |  |
| Stock Purchase Warrant (right to buy)                   | \$2.5  |                                      |  |                                |   |  |     | 03/31/2001   | 12/31/2006      | Common Stock  |  | 9,365  | D   |  |
| Stock Purchase Warrant (right to buy)                   | \$3.25   |                                      |  |                                |   |  |     | 04/24/2002   | 04/23/2007      | Common Stock  |  | 5,318  | D   |  |
| Nonqualified Stock Option (right to buy) <sup>(1)</sup> | \$5.55   |                                      |  |                                |   |  |     | 12/31/2003   | 12/31/2013      | Common Stock  |  | 2,500  | D   |  |
| Nonqualified Stock Option (right to buy) <sup>(1)</sup> | \$9.34   |                                      |  |                                |   |  |     | 01/05/2005   | 01/05/2015      | Common Stock  |  | 2,500  | D   |  |

**Explanation of Responses:**

1. Granted to the reporting person pursuant to the Natural Gas Services Group, Inc. 1998 Stock Option Plan.

/s/ Richard L. Yadon

09/14/2005

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.