

NATURAL GAS SERVICES GROUP INC  
 Form 4  
 September 21, 2005

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Barney Charles L

2. Issuer Name and Ticker or Trading Symbol  
 NATURAL GAS SERVICES GROUP INC [NGS]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 952 ECHO LANE, SUITE 364  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/17/2005

\_\_\_\_ Director  
 \_\_\_\_ Officer (give title below)  
 \_\_\_X\_\_\_ 10% Owner  
 \_\_\_\_ Other (specify below)

HOUSTON, TX 77024  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 \_\_\_ Form filed by One Reporting Person  
 \_\_\_X\_\_\_ 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  | Code                           | V   | Amount  | (A) or (D)   | Price                                      |
| Common Stock                    |                                      |  |                                |   | 639,272   | I  | By CBarney Investments, Ltd.               |
| Common Stock                    | 09/15/2005                           | 09/15/2005   | G                              | V   | 45,000  | D  | \$ 0 501,102                               |
|                                 |                                      |  |                                |   |   | I  | by Mark X Energy Company                   |

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

**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 control number.**

SEC 1474 (9-02)

**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 Underlying Security (Instr. 3 and 4) |                 |              |         |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|---|-----------------|--------------|---------|
|  |  |                                      |  | Code                           | V   | (A)  | (D) | Date Exercisable  | Expiration Date | Title        | Amount  |
| Warrants                                   | \$ 6.25  | 05/17/2005                           | 05/17/2005   | P                              |   | 1,098  |     | 10/21/2002  | 10/20/2006      | Common Stock | 1,098   |
| Warrants                                   | \$ 6.25  | 05/17/2005                           | 05/17/2005   | P                              |   | 1,402  |     | 10/21/2002  | 10/20/2006      | Common Stock | 1,402   |
| Warrants                                   | \$ 6.25  | 08/18/2005                           | 08/18/2005   | C                              |   | 86,298   |     | 10/21/2002  | 10/20/2006      | Common Stock | 86,298  |
| Warrants                                   | \$ 6.25  | 08/18/2005                           | 08/18/2005   | C                              |   | 391,102  |     | 10/21/2002  | 10/20/2006      | Common Stock | 391,102 |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |                              |
|--|---------------|-----------|---------|------------------------------|
|  | Director      | 10% Owner | Officer | Other                        |
| Barney Charles L<br>952 ECHO LANE, SUITE 364<br>HOUSTON, TX 77024          |               | X         |         |                              |
| CBarney Investments, Ltd.<br>952 ECHO LANE, SUITE 364<br>HOUSTON, TX 77024 |               |           |         | 10% Owner as Member of Group |
| Mark X Energy CO<br>952 ECHO LANE, SUITE 364<br>HOUSTON, TX 77024          |               |           |         | 10% Owner as Member of Group |

## Signatures

|  |            |
|--|------------|
| Gregory Sergesketter as attorney-in-fact for Charles L. Barney         | 09/20/2005 |
| **Signature of Reporting Person  | Date       |
| Gregory Sergesketter as attorney-in-fact for CBarney Investments, Ltd. | 09/20/2005 |
| **Signature of Reporting Person  | Date       |
| Gregory Sergesketter as attorney-in-fact for Mark X Energy Co.         | 09/20/2005 |

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* 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.

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