Barney Charles L Form 4 May 16, 2005

FORM 4

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

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

(Last)

(First) (Middle)

952 ECHO LANE, SUITE 364

(Street)

HOUSTON, TX 77024

2. Issuer Name and Ticker or Trading

Symbol

NATURAL GAS SERVICES **GROUP INC [NGS]**

3. Date of Earliest Transaction (Month/Day/Year) 05/12/2005

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287 January 31,

2005

Expires:

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director X 10% Owner Other (specify Officer (give title below)

6. Individual or Joint/Group Filing(Check

Applicable Line) Form filed by One Reporting Person

X Form filed by More than One Reporting

Person

5. Amount of

Securities

Beneficially

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

2. Transaction Date 2A. Deemed 1.Title of Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

(A)

or

Owned Following Reported Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4) (Instr. 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed Derivative (Month/Day/Year) Execution Date, if Conversion Security or Exercise any

5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Warrants	\$ 6.25	05/12/2005		P		28,000		10/21/2002	10/20/2006	Common Stock	28,000
Warrants	\$ 6.25	05/13/2005		P		20,000		10/21/2002	10/20/2006	Common Stock	20,000

Reporting Owners

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

Signatures

/s/ Telisa Webb Schelin as attorney-in-fact for Charles L. Barney	05/16/2005
**Signature of Reporting Person	Date
/s/ Telisa Webb Schelin as attorney-in-fact for CBarney Investments, Ltd	05/16/2005
**Signature of Reporting Person	Date
/s/ Telisa Webb Schelin as attorney-in-fact for Mark X Energy Co.	05/16/2005
**Signature of Reporting Person	Date

Explanation of Responses:

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2

^{*} 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).