

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

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

1. Name and Address of Reporting Person* <u>Barney Charles L</u> <hr/> (Last) (First) (Middle) 952 ECHO LANE, SUITE 364 <hr/> (Street) HOUSTON TX 77024 <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>NATURAL GAS SERVICES GROUP INC</u> [NGS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 05/27/2005	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> 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			

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						Title
Warrants	\$6.25	05/27/2005		P		12,500		10/21/2002	10/20/2006	Common Stock	12,500	\$4.58	414,700	I	By CBarney Investments, Ltd.

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

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

 (Street)
 HOUSTON TX 77024

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
CBarney Investments, Ltd.

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

 (Street)
 HOUSTON TX 77024

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Mark X Energy CO

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

 (Street)
 HOUSTON TX 77024

 (City) (State) (Zip)

(City)

(State)

(Zip)

Explanation of Responses:

[/s/ Telisa Webb Schelin as attorney-in-fact for Charles L. Barney](#) [05/31/2005](#)

[/s/ Telisa Webb Schelin as attorney-in-fact for CBarney Investments, Ltd.](#) [05/31/2005](#)

[/s/ Telisa Webb Schelin as attorney-in-fact for Mark X Energy Co.](#) [05/31/2005](#)

** 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.