

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

1. Name and Address of Reporting Person* <u>CHISHOLM JOHN</u> (Last) (First) (Middle) <u>539 GREEN ISLE BEACH</u> (Street) <u>MONTGOMERY TX 77356</u> (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) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>03/23/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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		Date Exercisable	Expiration Date					
Nonqualified Stock Option (right to buy)	\$19.61						12/31/2007	12/31/2017	Common Stock		2,500		D
Nonqualified Stock Option (right to buy)	\$13.9						01/01/2007	01/01/2017	Common Stock		2,500		D
Nonqualified Stock Option (right to buy) ⁽¹⁾	\$20.48						03/31/2008	03/18/2018	Common Stock		2,500		D
Nonqualified Stock Option (right to buy)	\$8						03/31/2009	03/18/2019	Common Stock		2,500		D
Nonqualified Stock Option (right to buy) ⁽²⁾	\$16.74	03/23/2010		A		5,000	03/31/2010	03/22/2020	Common Stock	\$0	5,000		D

Explanation of Responses:

- A quarter of the shares (625 shares) vested on March 31, 2008; another quarter of the shares vested on each of June 30, September 30 and December 31, 2008.
- A quarter of the shares (1,250 shares) vest on March 31, 2010; another quarter of the shares vest on each of June 30, September 30 and December 31, 2010.

/s/ JOHN W. CHISHOLM 03/25/2010
 ** 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.