

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

OMB APPROVAL

FORM 3

INITIAL STATEMENT OF 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

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<p>1. Name and Address of Reporting Person*</p> <p>Vinson, Wayne L.</p> <p>(Last) (First) (Middle)</p> <p>4404 Lenox Drive</p> <p>(Street)</p> <p>Midland, TX 79707</p> <p>(City) (State) (Zip)</p>	<p>2. Date of Event Requiring Statement Month/Day/Year</p> <p>10/21/2002</p> <p>3. I.R.S. Identification Number of Reporting Person, if an entity (voluntary)</p>	<p>4. Issuer Name and Ticker or Trading Symbol</p> <p>Natural Gas Services Group, Inc. (NGS)</p> <p>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</p> <p><input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)</p> <p>Description President</p>	<p>6. If Amendment, Date of Original (Month/Day/Year)</p> <p>7. Individual or Joint/Group Filing (Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person</p>
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr.4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
No non-derivative securities owned (a)			

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable(DE) and Expiration Date(ED) (Month/Day/Year)	3. Title and Amount of Underlying Securities (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr.5)	6. Nature of Indirect Beneficial Ownership (Instr.5)
No derivative securities owned (a)		/	\$		

Explanation of Responses:

(a) CAV-RDV, Ltd., a Texas limited partnership for the benefit of the children of reporting person, owns warrants to purchase 15,756 shares of common stock of the issuer exercisable at \$2.50 per share and 2,122 shares of common stock of the issuer exercisable at \$3.25 per share. The children of reporting person are over 18 years of age and reporting person is not a partner in CAV-RDV, Ltd. Reporting person disclaims beneficial ownership of these warrants, and this report should not be deemed an admission that the reporting person is the beneficial owner of such warrants for purposes of Section 16 or for any other purpose.

By: /s/ Wayne L. Vinson
** Signature of Reporting Person

10/21/2002
Date

SEC 2270 (07/02)

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.
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.