

Graves James Douglas
 Form 4
 June 26, 2006

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

OMB APPROVAL

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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 *
 Graves James Douglas

2. Issuer Name and Ticker or Trading Symbol
 NATCO GROUP INC [NTG]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 C/O NATCO GROUP INC., 2950
 NORTH LOOP WEST, 7TH
 FLOOR

3. Date of Earliest Transaction
 (Month/Day/Year)
 06/22/2006

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Vice President and Controller

(Street)
 HOUSTON, TX 77092

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

(City) (State) (Zip)

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) |
|--|--------------------------------------|--|--------------------------------|---|---|--|---|
| Common stock - restricted stock ⁽¹⁾ | 06/22/2006 | | A | 1,466 A | \$ 37.785 1,666 | D | |

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

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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 Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Option (Right to Buy) | \$ 37.785 | 06/22/2006 | | A | 2,586 | (2) 06/22/2016 | Common stock | 2,586 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Graves James Douglas C/O NATCO GROUP INC. 2950 NORTH LOOP WEST, 7TH FLOOR HOUSTON, TX 77092 | | | Vice President and Controller | |

Signatures

James Douglas
Graves
06/26/2006
Date

**Signature of Reporting Person

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).
Restrictions on this grant of restricted stock lapse (a) as to all of the shres on August 15, 2009, provided that the Company has achieved an earnings per share of at least \$2.25 calculated on a trailing twelve months basis as of the last day of a quarter, for three consecutive quarters; provided further that (i) earnings per share may be normalized in certain circumstances and (ii) the recipient has continuously
(1) served as an employee from the date of the award until such date or, (b) if earlier, pursuant to the applicable incentive plan or upon occurrence of a Corporate Change as defined in such plan, provided, in either case, that the recipient has been continuously employed by the Company or a subsidiary on such date or the date of such Corporate Change. The shares are subject to forfeiture upon termination of employment prior to the time the restrictions lapse or if the performance restrictions are not met on or before August 15, 2009.
(2) Options vest in one-third increments on the first, second and third anniversaries of the date of grant, subject to continued employment by the Company or a subsidiary on the applicable date. The first third will vest on June 22, 2007.

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.