CORE LABORATORIES N V

Form 5

January 24, 2007

FORM 5

OMB APPROVAL

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

3235-0362 Number: January 31, Expires:

2005

1.0

no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box if

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response...

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See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Miller Charles Brigham Symbol CORE LABORATORIES N V (Check all applicable) [CLB] 3. Statement for Issuer's Fiscal Year Ended (Last) (First) (Middle) Director 10% Owner X_ Officer (give title (Month/Day/Year) Other (specify below) below) 12/31/2006 CAO 6316 WINDFERN (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line)

HOUSTON, TXÂ 77040

(State)

(Zip)

(City)

X Form Filed by One Reporting Person Form Filed by More than One Reporting

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership (Instr. 8) of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4)

Amount (D) Price

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

Persons who respond to the collection of information **SEC 2270** contained in this form are not required to respond unless (9-02)the form displays a currently valid OMB control number.

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

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

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Derivative or Disposed Security of (D) (Instr. 3, 4, and 5)

(A) (D) Date Expiration Title Exercisable Date

Number of Shares

Amount

or

Restricted Shares \$~0 05/15/2006 $\^{A}$ A4 3,000 $\^{A}$ $\^{A}$ $\stackrel{(1)}{=}$ \r{A} $\stackrel{(1)}{=}$ Common Shares 3,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Miller Charles Brigham

6316 WINDFERN Â Â Â CAO Â

HOUSTON, TXÂ 77040

Signatures

John D. Denson, as Attorney-in-Fact 01/24/2007

**Signature of Reporting Person Date

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).
- (1) The Restricted Shares vest in the amount of 1/6th of the grant on each of the six annual anniversaries following the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

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