

Elvig Mark F  
 Form 4/A  
 December 08, 2009

**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 \*  
 Elvig Mark F

2. Issuer Name and Ticker or Trading Symbol  
 CORE LABORATORIES N V [CLB]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 6316 WINDFERN ROAD  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/01/2009

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 VP, Counsel & Secretary

HOUSTON, TX 77040  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed (Month/Day/Year)  
 12/03/2009

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D) Code V Amount (D) Price                                |   |  |                                   |
| Common Shares                   | 12/01/2009                           |  | M                              | 200 A \$ 0  | 3,820   | D  |                                   |
| Common Shares                   | 12/01/2009                           |  | F                              | 53 <sup>(1)</sup> D \$ 108.6                                      | 3,767   | D  |                                   |
| Common Shares                   |                                      |  |                                |   | 924   | I  | 401 (k) Plan                      |

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

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SEC 1474 (9-02)

number.

**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. Price or Value of Derivative Security (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|
| Restricted Shares                          | \$ 0   | 12/01/2009                           |  | M                              | 200   | (2) (2)  | Common Shares   | 200   |

## Reporting Owners

| Reporting Owner Name / Address                          | Relationships |           |                         |       |
|---|---------------|-----------|-------------------------|-------|
|   | Director      | 10% Owner | Officer                 | Other |
| Elvig Mark F<br>6316 WINDFERN ROAD<br>HOUSTON, TX 77040 |               |           | VP, Counsel & Secretary |       |

## Signatures

/s/ Mark Elvig 12/08/2009

\*\*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) This amount has been updated to reflect correct shares withheld of 53 shares.
- (2) 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 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.