

CORE LABORATORIES N V  
Form 4  
February 23, 2007

**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 \*  
Miller Charles Brigham

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  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
02/20/2007

\_\_\_\_ Director  
 Officer (give title below)  
\_\_\_\_ 10% Owner  
\_\_\_\_ Other (specify below)  
CAO

HOUSTON, TX 77040

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)
			Code	V	Amount	(A) or (D)	Price
Common Shares	02/21/2007		M		5,000	A	\$ 13.0625
Common Shares	02/21/2007		M		3,324	A	\$ 19.375
Common Shares	02/21/2007		M		7,500	A	\$ 16.1
Common Shares	02/21/2007		M		8,617	A	\$ 8.84
Common Shares	02/21/2007		M		6,871	A	\$ 10.26

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Common Shares	02/21/2007	F	5,008	D	\$ 79.31	60,270	D
Common Shares	02/23/2007	S	2,100	D	\$ 80.64	58,170	D
Common Shares	02/23/2007	S	430	D	\$ 80.61	57,740	D
Common Shares	02/23/2007	S	100	D	\$ 80.62	57,640	D
Common Shares	02/23/2007	S	400	D	\$ 80.43	57,240	D
Common Shares	02/23/2007	S	600	D	\$ 80.42	56,640	D
Common Shares	02/23/2007	S	100	D	\$ 80.41	56,540	D
Common Shares	02/23/2007	S	300	D	\$ 80.4	56,240	D
Common Shares	02/23/2007	S	200	D	\$ 80.38	56,040	D
Common Shares	02/23/2007	S	1,300	D	\$ 80.37	54,740	D
Common Shares	02/23/2007	S	300	D	\$ 80.5	54,440	D
Common Shares	02/23/2007	S	200	D	\$ 80.33	54,240	D
Common Shares	02/23/2007	S	400	D	\$ 80.32	53,840	D
Common Shares	02/23/2007	S	100	D	\$ 80.29	53,740	D
Common Shares	02/23/2007	S	1,100	D	\$ 80.28	52,640	D
Common Shares	02/23/2007	S	100	D	\$ 80.44	52,540	D

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

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(9-02)

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

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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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Acquire Common Shares	\$ 13.0625	02/21/2007		M	5,000	04/07/2003	04/07/2009	Common Shares	5,000
Option to Acquire Common Shares	\$ 19.375	02/21/2007		M	3,324	02/23/2004	02/23/2010	Common Shares	3,324
Option to Acquire Common Shares	\$ 16.1	02/21/2007		M	7,500	04/03/2005	04/03/2011	Common Shares	7,500
Option to Acquire Common Shares	\$ 8.84	02/21/2007		M	8,617	12/31/2005	03/13/2013	Common Shares	8,617
Option to Acquire Common Shares	\$ 10.26	02/21/2007		M	6,871	09/26/2005	09/26/2011	Common Shares	6,871

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Miller Charles Brigham 6316 WINDFERN HOUSTON, TX 77040			CAO	

## Signatures

/s/ Charles Brigham  
Miller 02/23/2007

\*\*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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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