

CORE LABORATORIES N V
 Form 4
 August 21, 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 *
 DEMSHUR DAVID M

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)
 08/17/2007

Director 10% Owner
 Officer (give title below) Other (specify below)
 President & CEO

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 or Price		
Common Shares	08/17/2007		S		800	D	\$ 103.1 578,291
Common Shares	08/17/2007		S		700	D	\$ 103.17 577,591
Common Shares	08/17/2007		S		100	D	\$ 103.18 577,491
Common Shares	08/17/2007		S		2,300	D	\$ 103.19 575,191
Common Shares	08/17/2007		S		2,500	D	\$ 103.2 572,691

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Common Shares	08/17/2007	S	500	D	\$ 103.21	572,191	D
Common Shares	08/17/2007	S	100	D	\$ 103.24	572,091	D
Common Shares	08/17/2007	S	100	D	\$ 103.25	571,991	D
Common Shares	08/17/2007	S	10	D	\$ 103.3	571,981	D
Common Shares	08/17/2007	S	100	D	\$ 103.32	571,881	D
Common Shares	08/17/2007	S	200	D	\$ 103.33	571,681	D
Common Shares	08/17/2007	S	400	D	\$ 103.34	571,281	D
Common Shares	08/17/2007	S	600	D	\$ 103.35	570,681	D
Common Shares	08/17/2007	S	800	D	\$ 103.5	569,881	D
Common Shares	08/17/2007	S	100	D	\$ 103.53	569,781	D
Common Shares	08/17/2007	S	100	D	\$ 103.54	569,681	D
Common Shares	08/17/2007	S	100	D	\$ 103.55	569,581	D
Common Shares	08/17/2007	S	200	D	\$ 103.56	569,381	D
Common Shares	08/17/2007	S	200	D	\$ 103.59	569,181	D
Common Shares	08/17/2007	S	300	D	\$ 103.6	568,881	D
Common Shares	08/17/2007	S	300	D	\$ 103.61	568,581	D
Common Shares	08/17/2007	S	100	D	\$ 103.62	568,481	D
Common Shares	08/17/2007	S	100	D	\$ 103.63	568,381	D
Common Shares	08/17/2007	S	400	D	\$ 103.65	567,981	D
Common Shares	08/17/2007	S	200	D	\$ 103.75	567,781	D
	08/17/2007	S	1,000	D	\$ 103.9	566,781	D

Common Shares								
Common Shares	08/17/2007		S	300	D	\$ 104.15	566,481	D
Common Shares	08/17/2007		S	604	D	\$ 104.2	565,877	D
Common Shares	08/17/2007		S	200	D	\$ 104.21	565,677	D
Common Shares	08/17/2007		S	100	D	\$ 104.22	565,577 ⁽¹⁾	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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DEMSHUR DAVID M 6316 WINDFERN HOUSTON, TX 77040	X		President & CEO	

Signatures

/s/ John D. Denson,
Attorney-in-fact

08/21/2007

__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 Reporting Person, in addition, indirectly owns 34,265 common shares through a 401(k) plan.

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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