

CORE LABORATORIES N V
 Form 4
 February 16, 2017

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 ROAD
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/14/2017

Director 10% Owner
 Officer (give title below) Other (specify below)
 Chief Executive Officer

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

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

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

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474
 (9-02)

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Performance Shares	\$ 0	02/14/2017	A	39,400					(1)	(1)	Common Shares	39,400

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DEMSHUR DAVID M 6316 WINDFERN ROAD HOUSTON, TX 77040	X		Chief Executive Officer	

Signatures

/s/ Mark Elvig,
Attorney-in-Fact
Date: 02/16/2017

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) Assuming a recipient's continued employment (or death/disability while employed) and the satisfaction of certain performance goals is achieved, these awards would vest at the end of a 3-year performance period that began on 1/1/17 and ends on 12/31/19 (the "Performance Period"). At the end of the Performance Period, 50% of the award will vest if the Company is in the top 50th percentile of Return on Invested Capital (ROIC) among the Bloomberg Peer Group (BPG), 100% of the award will vest if the Company is in the top 75th percentile of ROIC of the BPG and 150% of the award will vest if the Company is the top performing company of the BPG, all as shown by data published by Bloomberg upon the close of the NYSE market on the last trading day of the Performance Period. The award will be extrapolated on a straight line basis between the 50th and 100th percentile. If the minimum criterion is not met, then no shares shall vest and the award shall be forfeited.

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.