

DEMSHUR DAVID M  
Form 4  
January 19, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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)  
01/17/2006

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

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 Indirect Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Shares	01/17/2006		M	40,000 A \$ 0	340,649	D	
Common Shares	01/17/2006		F	14,687 D \$ 42.98	325,962	D	
Common Shares					34,265	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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Performance Shares <sup>(1)</sup>	\$ 0	01/17/2006		M	40,000	<sup>(2)</sup>	<sup>(2)</sup>	Common Shares	40,000

## 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

01/19/2006

\*\*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) Each Performance Share represents a contingent right to acquire one Common Share.

Represents a grant of performance shares which represent the right to receive our Common Shares in the future based on the performance of our Common Shares. None of these awards will vest unless our Common Shares perform as well as or better than the 50th percentile of the return earned by the common stock of the companies comprising the Philadelphia Oil Service Sector Index ("OSX") for the applicable performance period. If our common shares perform as well as or better than the 50th percentile but below the 75th percentile of the companies comprising OSX, then the number of rights eligible to vest would be interpolated between 20% and 100% of the shares granted. If our common shares perform as well as or better than the 75th percentile of the companies comprising the OSX, then 100% of the rights would be eligible to vest. The executive will not receive dividends on or be entitled to vote the underlying Common Shares unless and until they have issued at the end of the vesting period.

(2) Represents a grant of performance shares which represent the right to receive our Common Shares in the future based on the performance of our Common Shares. None of these awards will vest unless our Common Shares perform as well as or better than the 50th percentile of the return earned by the common stock of the companies comprising the Philadelphia Oil Service Sector Index ("OSX") for the applicable performance period. If our common shares perform as well as or better than the 50th percentile but below the 75th percentile of the companies comprising OSX, then the number of rights eligible to vest would be interpolated between 20% and 100% of the shares granted. If our common shares perform as well as or better than the 75th percentile of the companies comprising the OSX, then 100% of the rights would be eligible to vest. The executive will not receive dividends on or be entitled to vote the underlying Common Shares unless and until they have issued at the end of the vesting period.

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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