

BARCHI ROBERT  
Form 4  
May 23, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
**BARCHI ROBERT**

(Last) (First) (Middle)

**COVANCE INC., 210 CARNEGIE CENTER**

(Street)

**PRINCETON, NJ 08540-6233**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**COVANCE INC [CVD]**

3. Date of Earliest Transaction (Month/Day/Year)  
**05/20/2006**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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) Price			
Common Stock	05/22/2006		M	4,445 A	\$ 0 <sup>(1)</sup> 4,945	D	
Common Stock	05/22/2006		D	4,445 D	\$ 58.425 500	D	

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

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SEC 1474 (9-02)

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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)	
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares
Phantom Stock Units (DRUP)	\$ 0 <sup>(1)</sup>	05/20/2006		A	1,200	<sup>(1)</sup> <sup>(1)</sup>	Common Stock	1,200
Phantom Stock Units (DRUP)	\$ 0 <sup>(1)</sup>	05/22/2006		D	4,445	<sup>(1)</sup> 08/08/1988 <sup>(1)</sup>	Common Stock	4,445

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BARCHI ROBERT COVANCE INC. 210 CARNEGIE CENTER PRINCETON, NJ 08540-6233	X			

## Signatures

Ross A. Hyams, by Power of Attorney  
05/23/2006

<sup>(1)</sup>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 Phantom Stock Units were granted to Dr. Barchi under the Company's Restricted Unit Plan for Non-Employee Directors and are payable in cash on a date determined in accordance with the 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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