

LAVIN RICHARD P  
Form 4  
March 03, 2010

**FORM 4**

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

OMB APPROVAL

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**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 \*  
LAVIN RICHARD P

(Last) (First) (Middle)

100 N.E. ADAMS STREET

(Street)

PEORIA, IL 61629

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
CATERPILLAR INC [CAT]

3. Date of Earliest Transaction (Month/Day/Year)  
03/01/2010

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)  
Group President

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 Beneficial Ownership (Instr. 4)
Common	03/01/2010		F(6)	98 D	\$ 57.815 48,180 (1)	D	
Common					4	I	Custodian for Daughter

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

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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 (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 Security (Instr. 3 and 4)				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount
Phantom Stock Units	(2)							(3)	(3)	Common	(3)
Stock Appreciation Rights	\$ 57.85	03/01/2010		A		129,394		(4)	03/01/2020	Common	129,394
Restricted Stock Units	(5)	03/01/2010		A		3,257		(4)	(4)	Common	3,257

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LAVIN RICHARD P 100 N.E. ADAMS STREET PEORIA, IL 61629			Group President	

## Signatures

R. P. Lavin; L.J.  
Huxtable, POA

03/03/2010

\*\*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) This amount includes 12,809 shares in 401K and 218 shares in dividend reinvestment.

(2) Security converts to common stock on a one-for-one basis.

(3) The reported phantom stock units were acquired under Caterpillar Inc.'s deferred employee investment plan and will be settled upon the reporting person's retirement or separation from service.

(4) The restricted stock units and stock appreciation rights vest on March 1, 2013.

(5) Each restricted stock unit represents a contingent right to receive one share of Caterpillar common stock.

(6) Amount reflects shares surrendered to satisfy tax withholding requirements upon the vesting of restricted stock units.

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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