

WUNNING STEVEN H
 Form 4
 March 08, 2011

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 *
WUNNING STEVEN H

(Last) (First) (Middle)
 100 N.E. ADAMS STREET
 (Street)

PEORIA, IL 61629-7220

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 03/07/2011

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 Ownership (Instr. 4)
Common				(A) or (D) Price	75,860 ⁽¹⁾	D	
Common				(A) or (D) Price	951 ⁽⁵⁾	I	Owned by Wife ⁽²⁾

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)

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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)	Amount or Number of Shares
Phantom Stock Units	(3)					(4) (4)	Common	0
Stock Appreciation Rights	\$ 102.13	03/07/2011		A	58,788	(6) 03/07/2021	Common	58,788

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WUNNING STEVEN H 100 N.E. ADAMS STREET PEORIA, IL 61629-7220			Group President	

Signatures

S. H. Wunning; L.J.
Huxtable, POA 03/08/2011

__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 24,647 shares in 401K.
- (2) Reporting person disclaims beneficial ownership.
- (3) Security converts to common stock on a one-for-one basis.
- (4) 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.
- (5) The reporting person no longer has a reportable beneficial interest in 1350 shares of Caterpillar common stock owned by his son and included in the reporting person's prior ownership reports.
- (6) The stock appreciation rights vest on March 7, 2014.

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.