CATERPILLAR INC

Form 4

February 01, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person *

(First)

(Street)

RUST EDWARD B JR

2. Issuer Name and Ticker or Trading

Symbol

CATERPILLAR INC [CAT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

3. Date of Earliest Transaction

(Month/Day/Year) 01/31/2007

X_ Director 10% Owner Officer (give title Other (specify

6. Individual or Joint/Group Filing(Check

below)

ONE STATE FARM PLAZA

4. If Amendment, Date Original

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Filed(Month/Day/Year)

BLOOMINGTON, IL 61710

(Middle)

(Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(State)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially (D) or Owned Following

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or

(Instr. 3 and 4) Code V Amount (D) Price

> 4,933 D

Common

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if Derivative Conversion

5. Number 6. Date Exercisable and **Expiration Date** Transactionof

7. Title and Amount of 8. Price Underlying Securities Derivati

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Code

any

Derivative (Month/Day/Year)

(Instr. 3 and 4)

Security

(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Month/Day/Year)	(Instr. 8)		Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)						(Instr. 5)
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
Phantom Stock Units	<u>(1)</u>	01/31/2007		A		117		(2)	(2)	Common	117	\$ 0

Reporting Owners

BLOOMINGTON, IL 61710

or Exercise

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
RUST EDWARD B JR								
ONE STATE FARM PLAZA	X							

Signatures

Security

Edward B. Rust Jr.; L.J. Huxtable, 02/01/2007 POA

**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) Security converts to common stock on a one-for-one basis.
- The phantom stock units were accrued under the Caterpillar Inc. director's deferred compensation plan and are to be settled 100% in cash upon the reporting person's retirement. The stock was acquired in January 2007 at a price of \$63.66 per share.

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.

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