BELL MARY H Form 4/A February 03, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

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OMB APPROVAL

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

Check this box

obligations may continue. See Instruction

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)

(Print or Type Responses)

1. Name and Address of Reporting Person * **BELL MARY H**

(First)

(Street)

(Middle)

2. Issuer Name and Ticker or Trading Symbol

CATERPILLAR INC [CAT]

3. Date of Earliest Transaction

01/31/2005

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

100 N.E. ADAMS STREET

(Month/Day/Year)

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

below) Vice President

4. If Amendment, Date Original

Filed(Month/Day/Year) 02/02/2005

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

PEORIA, IL 61629

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

(A)

Price

5. Amount of Securities Beneficially Owned Following

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

Reported Transaction(s)

or Code V Amount (D) Common

(Instr. 3 and 4)

4,698 (1) D

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	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4.	5.		6. Date Exercisable and		7. Title and Amount of	
Derivative Security (Instr. 3)				Transacti Code (Instr. 8)	of Derivati Securiti- Acquire (A) or Dispose of (D) (Instr. 3	(Month/Day, ive es ed d			Underlying Securities (Instr. 3 and 4)	
				Code V	4, and 5)	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock Units	\$ 0 (2)	01/31/2005		A	0 (4)	<u>(3)</u>	(3)	Common	0 (4)	\$ 0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BELL MARY H

100 N.E. ADAMS STREET Vice President

PEORIA, IL 61629

Signatures

Mary H. Bell; L.J. Huxtable, 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) This amount includes 747 shares in 401K, 45 shares in SEIP, and 9 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 other termination of service.
- (4) Shares were incorrectly stated and were not acquired in the Caterpillar Stock Fund.

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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