MACIER ROBERT R

Form 4/A

February 03, 2005

FORM 4

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

OMB Number:

3235-0287

0.5

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

OMB APPROVAL

Section 16. Form 4 or Form 5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

burden hours per response...

Estimated average

obligations may continue. See Instruction

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading MACIER ROBERT R Issuer Symbol CATERPILLAR INC [CAT] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify HARBOR DR. A-1, P. O. BOX 01/31/2005 below) below) 85376 Vice President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person 02/02/2005 Form filed by More than One Reporting SAN DIEGO, CA 92186-5376 Person (City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Indirect (I) Ownership (Month/Day/Year) (Instr. 8) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 26,992 (1) D

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)

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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

MACIER ROBERT R HARBOR DR. A-1 P. O. BOX 85376 SAN DIEGO, CA 92186-5376

Vice President

Signatures

R. R. Macier; L.J. Huxtable, POA

02/03/2005

**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 5621 shares in 401K and 753 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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