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 Number:

3235-0287

Expires:

January 31, 2005

0.5

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may continue.

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MAGOWAN PETER A

2. Issuer Name and Ticker or Trading Symbol

Issuer

(First) (Last)

CATERPILLAR INC [CAT] 3. Date of Earliest Transaction

(Check all applicable)

PACIFIC BELL PARK, 24 WILLIE

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

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

5. Relationship of Reporting Person(s) to

(Street)

MAYS PLAZA

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

3.

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

Ι

below)

SAN FRANCISCO, CA 94107

(State) (Zip)

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

1.Title of Security (Instr. 3)

(City)

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

(Middle)

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

4. Securities

5. Amount of Securities Beneficially Owned Following Reported

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

(A) or

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

263,419 (1) D

Common

Common

2,800

By Trust (4)

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)

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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)	4. Transacti Code (Instr. 8)	5. Number on f 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)		8. Price of Derivativ Security (Instr. 5)
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock Units	(3)	01/31/2007	A	117	(2)	(2)	Common	117	\$ 0

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

MAGOWAN PETER A
PACIFIC BELL PARK
24 WILLIE MAYS PLAZA
SAN FRANCISCO, CA 94107

Signatures

Peter A. Magowan; L. J. Huxtable, POA

02/01/2007

**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 2282 dividend reinvestment shares.
- (2) 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.
- (3) Security converts to common stock on a one-for-one basis.
- (4) Reporting person disclaims beneficial ownership.

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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