DILLON JOHN T Form 4

June 15, 2006

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

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response...

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)

(Print or Type Responses)

1. Name and Address of Reporting Person * DILLON JOHN T

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

CATERPILLAR INC [CAT]

(Check all applicable)

20 HORSENECK LANE

3. Date of Earliest Transaction

(Month/Day/Year) 06/14/2006

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

below)

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 Form filed by More than One Reporting

Person

GREENWICH, CT 06830

(City) (State) (Zip) 2. Transaction Date 2A. Deemed

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

1.Title of Security (Instr. 3)

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

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

or Code V Amount (D) Price

(A)

 $12,279 \frac{(1)}{2}$ 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 Derivative Conversion

3. Transaction Date 3A. Deemed

5. Number (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

6. Date Exercisable and

7. Title and Amount Underlying Securitie

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4	4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shares
Stock Appreciation Right	\$ 66.765	06/14/2006		A	7,000	06/14/2006	06/14/2016	Common	7,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting owner runner runners	Director	10% Owner	Officer	Other			
DILLON JOHN T 20 HORSENECK LANE GREENWICH, CT 06830	X						

Signatures

John T. Dillon; L.J.
Huxtable, POA

06/15/2006

**Signature of Reporting Person

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 279 dividend reinvestment shares.

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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