

BUSSELL RODNEY L
 Form 4
 August 02, 2005

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
BUSSELL RODNEY L

2. Issuer Name and Ticker or Trading Symbol
CATERPILLAR INC [CAT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
08/01/2005

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Vice President

P. O. BOX 1430

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

DECATUR, IL 62525-1819

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common	08/01/2005		M	3,868 A \$ 25.8281	34,047	D	
Common	08/01/2005		M	3,590 A \$ 27.8438	37,637	D	
Common	08/01/2005		M	3,208 A \$ 31.1719	40,845 ⁽¹⁾	D	
Common					20,000	I	Owned by Wife ⁽²⁾

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

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of 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. Amount or Number of Shares
Employee Stock Option ⁽³⁾	\$ 25.8281	08/01/2005		M	3,868	⁽⁴⁾ 06/10/2007	Common	3,868
Employee Stock Option ⁽³⁾	\$ 27.8438	08/01/2005		M	3,590	⁽⁴⁾ 06/09/2008	Common	3,590
Employee Stock Option ⁽³⁾	\$ 31.1719	08/01/2005		M	3,208	⁽⁴⁾ 06/08/2009	Common	3,208

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BUSSELL RODNEY L P. O. BOX 1430 DECATUR, IL 62525-1819			Vice President	

Signatures

R. L. Bussell; L.J. Huxtable, POA
08/02/2005
**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).

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- (1) This amount includes 3414 shares in EIP-1 and 152 shares in dividend reinvestment.
- (2) Reporting person disclaims beneficial ownership.
- (3) (Right to buy) with tandem tax withholding rights.
- (4) Exercisable in thirds - 1/3 after 1 yr.; 1/3 after 2 yrs.; 1/3 after 3 yrs.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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