

STROUP GARY A

Form 4

January 04, 2005

FORM 4
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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

OMB APPROVAL

OMB
Number: 3235-0287
Expires: January 31,
2005
Estimated average
burden hours per
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
STROUP GARY A

(Last) (First) (Middle)

P. O. BOX 610

(Street)

MOSSVILLE, IL 61552-0610

(City) (State) (Zip)

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

3. Date of Earliest Transaction
(Month/Day/Year)
01/03/2005

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

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

Vice President

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

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 Beneficial Ownership (Instr. 4)
Common	01/03/2005		M	V Amount (A) or (D) Price 20,000 A \$ 50.715	64,239	D	
Common	01/03/2005		M	24,000 A \$ 53.53	88,239	D	
Common	01/03/2005		M	21,000 A \$ 55.6875	109,239	D	
Common	01/03/2005		M	21,000 A \$ 62.3438	130,239	D	
Common	01/03/2005		M	9,000 A \$ 54.285	139,239	D	
Common	01/03/2005		S	95,000 D \$ 96.1	44,239 ⁽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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474
(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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Option ⁽²⁾	\$ 50.715	01/03/2005		M	20,000	⁽³⁾ 06/11/2012	Common 20,000
Employee Stock Option ⁽²⁾	\$ 53.53	01/03/2005		M	24,000	⁽³⁾ 06/12/2011	Common 24,000
Employee Stock Option ⁽²⁾	\$ 55.6875	01/03/2005		M	21,000	⁽³⁾ 06/09/2008	Common 21,000
Employee Stock Option ⁽²⁾	\$ 62.3438	01/03/2005		M	21,000	⁽³⁾ 06/08/2009	Common 21,000
Employee Stock Option ⁽²⁾	\$ 54.285	01/03/2005		M	9,000	⁽³⁾ 06/10/2013	Common 9,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
STROUP GARY A P. O. BOX 610 MOSSVILLE, IL 61552-0610			Vice President	

Signatures

Gary A. Stroup; L.J.
Huxtable, POA

01/04/2005

__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 9483 shares in 401K, 491 shares in SEIP and 7 shares in dividend reinvestment.
- (2) (Right to Buy) with tandem tax withholding rights.
- (3) 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.

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.