CATERPILLAR INC

Form 4 April 03, 2007

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Number: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * OWENS JAMES W			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	CATERPILLAR INC [CAT] 3. Date of Earliest Transaction	(Check all applicable)		
100 N.E. ADAMS STREET		Т	(Month/Day/Year) 04/02/2007	X Director 10% OwnerX Officer (give title Other (specify below) Chairman of the Board/CEO		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
PEORIA, IL 61	1629-7230	(Zin)		Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	e I - Non-Derivative Securities Acquired, Disposed of, or Be	neficially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired 5. Amount of 6. Transaction(A) or Disposed of (D) Securities Owned Code (Instr. 3, 4 and 5) Beneficially Form Owned Direc Following or Inc. (A) Or Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price	Beneficial t (D) Ownership lirect (Instr. 4)
Common	04/02/2007		$A^{(2)}$ 5,000 A $\begin{array}{ccc} \$ & 156,775 \\ 66.585 & \underline{^{(5)}} \end{array}$ D	
Common			117,006 I	Held in revocable trust

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

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SEC 1474

(9-02)

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5.	6. Date Exer Expiration D		7. Title and A Underlying S		8. Price of Derivative
Security	or Exercise	(Wollin/Day/Tear)	any	Code	of	(Month/Day		(Instr. 3 and		Security
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					(Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock Units	\$ 0 (3)					<u>(4)</u>	<u>(4)</u>	Common	6,428 (5)	

Reporting Owners

Reporting Owner Name / Address	Relationships					
•	Director	10% Owner	Officer	Other		
OWENS JAMES W 100 N.E. ADAMS STREET PEORIA, IL 61629-7230	X		Chairman of the Board/CEO			

Signatures

James W. Owens; L.J. Huxtable, POA

04/03/2007

**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 29,371 shares in 401K and 1 share in dividend reinvestment.
- (2) Restricted stock awarded pursuant to Caterpillar Inc. 2006 Long-Term Incentive Plan.
- (3) Security converts to common stock on a one-for-one basis.
- (4) 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 separation from service.
- (5) The SEIP shares previously reported under Table I are now reported under Table II as derivative securities.

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.

Reporting Owners 2