OWENS JAMES W Form 4 March 03, 2010

FORM 4

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

OMB APPROVAL OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Form 4 or Form 5 obligations **SECURITIES**

Estimated average burden hours per response... 0.5

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 Namo Symbol	e and Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	CATERPILL 3. Date of Earlie	AR INC [CAT] est Transaction	(Check all	applicable)	
100 N.E. ADAMS STREET			(Month/Day/Ye 03/01/2010	ar)	X Officer (give title	below)	
	(Street)		4. If Amendmer	nt, Date Original	6. Individual or Joint/G	roup Filing(Check	
PEORIA,	IL 61629-7230		Filed(Month/Day	/Year)	Applicable Line) _X_ Form filed by One Ro Form filed by More the Person	1 0	
(City)	(State)	(Zip)	Table I - N	on-Derivative Securities Acc	quired, Disposed of, or I	Beneficially Owned	
1.Title of	2. Transaction Date	2A. Deemed	d 3.	4. Securities Acquired	5. Amount of 6.	7. Nature of I	

(City)	(State)	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. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	spose	d of (D)	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	03/01/2010		F(6)	2,629	D	\$ 57.815	169,430 <u>(1)</u>	D		
Common							173,277	I	Held in Revocable Trust	
Common							7,200	I	Grandchildren's Trust	
Common							700	I	Grandchild's 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)

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. Transacti Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) o Disposed of (D (Instr. 3, 4, and 5)	Expiration I (Month/Day	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	
Phantom Stock Units	<u>(2)</u>					(3)	(3)	Common	0	
Restricted Stock Units	<u>(5)</u>	03/01/2010		A	300,000	<u>(4)</u>	<u>(4)</u>	Common	300,000	

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 6	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 03/03/2010

**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 32,052 shares in 401K.
- (2) Security converts to common stock on a one-for-one basis.
- (3) 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.
- (4) The restricted stock units vest on November 1, 2010, subject to transfer restrictions.
- (5) Each restricted stock unit represents a contingent right to receive one share of Caterpillar common stock.

Reporting Owners 2

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(6) Amount reflects shares surrendered to satisfy tax withholding requirements upon the vesting of restricted stock units.

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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