

KEPLER DAVID E
Form 4
February 10, 2006

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 *
KEPLER DAVID E

(Last) (First) (Middle)
2030 DOW CENTER
(Street)

MIDLAND, MI 48674

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

DOW CHEMICAL CO /DE/ [DOW]

3. Date of Earliest Transaction (Month/Day/Year)
02/08/2006

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing (Check Applicable Line)
 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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock ⁽²⁾	02/08/2006		M		7,378 ⁽¹⁾ A \$ 0 8,878	D	
Common Stock ⁽²⁾	02/08/2006		A		31,300 ⁽³⁾ A \$ 0 40,178	D	
Common Stock						I	by 401(k) Plan
Common Stock						I	by 401(k) Plan ESOP
Common Stock						I	by Trust

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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)	Amount or Number of Shares
Employee Deferred Stock - Performance Shares ⁽²⁾	\$ 0	02/08/2006		M	7,378	⁽⁴⁾ 04/16/2007	Common Stock	7,378

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KEPLER DAVID E 2030 DOW CENTER MIDLAND, MI 48674			Corp Vice President & CIO	

Signatures

David E. Kepler II, Corporate Vice President and CIO
02/10/2006

**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) Taxes will be withheld and reported on or about the delivery dates.

(2) Granted under The Dow Chemical Company 1988 Award and Option Plan, a Rule 16b-3 plan. The Plan provides for tax withholding rights.

(3)

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Delivery of vested shares will be in two equal installments on April 16, 2006 and April 16, 2007. Taxes will be withheld and reported on or about the delivery dates.

- (4) 2001 Performance Shares vest upon meeting or exceeding specified Company performance criteria on or before December 31, 2005. Delivery of vested shares will be in two equal installments on April 16, 2006 and April 16, 2007.

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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