KEMPER DAVID W

Form 4

March 16, 2010

FORM 4

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

OMB 3235-0287

OMB APPROVAL

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Number: January 31, 2005

subject to Section 16. Form 4 or Form 5

SECURITIES SECURITIES

Estimated average burden hours per response... 0.5

Form 5 obligations may continue.

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

', .:

Form filed by More than One Reporting

Person

See Instruction 1(b).

(Print or Type Responses)

1. Name and AcKEMPER D	•	rting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			COMMERCE BANCSHARES INC /MO/ [CBSH]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/12/2010	_X_ Director 10% Owner Selection Other (specify below) Chairman of the Board, CEO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) X Form filed by One Reporting Person		

KANSAS CITY, MO 64106

(City)	(State)	(Zip) Tal	ble I - Non	-Derivative	Secur	ities Acquir	ed, Disposed of,	or Beneficial	ly 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)	(A) or		Beneficially Form: Owned Direct (D)	Ownership Form: Direct (D) or Indirect (I)	Beneficial Ownership	
Common Stock	03/12/2010		S	1,194	D	\$ 36.7679 (1)	1,186,257	D	
Common Stock	03/12/2010		S	471,331	D	\$ 36.7679 (1)	154,513	I	James M Kemper Trust
Common Stock							4,348	I	Bank cust for son
Common Stock							12,143	I	CB Kemper Trust

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Common Stock	12,144	I	CB Kemper Rev Trust
Common Stock	12,143	I	EC Kemper Trust
Common Stock	12,144	I	EC Kemper Revoc Trst
Common Stock	8,522	I	Exec Comp Plan
Common Stock	24,213	I	JW Kemper Trust
Common Stock	50,917	I	MLK Trust- JMK issue
Common Stock	183,186	I	Tower Properties Co
Common Stock	24,274	I	WL Kemper 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. orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	S	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title Amount or Number	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
KEMPER DAVID W							
1000 WALNUT ST., 7TH FLOOR	X		Chairman of the Board, CEO				
KANSAS CITY MO 64106							

Signatures

By: James Swarts For: David W. Kemper 03/16/2010

**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) Range of sales prices for 3/12/2010 is \$39.75 to \$40.28 per share.

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.

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