KEMPER DAVID W

Form 4

Common

Stock

December 14, 2004

OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or 0.5 response... Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

(Print or Type	Responses)										
KEMPER DAVID W Sy			2. Issuer Name and Ticker or Trading Symbol COMMERCE BANCSHARES INC /MO/ [CBSH]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) PO BOX 13	, ,	(1		f Earliest Transaction Day/Year) 004				_X_ Director _X_ Officer (gives below)		% Owner ner (specify CEO	
				Amendment, Date Original d(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned						ally Owned				
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)			Code (Instr. 3, 4 and 5)				6. 7. Nature of Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)		
Common Stock	12/13/2004			A	26	A	\$ 49.04	5,990	I	Exec Comp Plan	
Common Stock								1,015,011	D		
Common Stock								11,283	I	401K	
Common Stock								1,534	I	Bank cust for son	

CB

19,031

I

Kemper

Trust

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19,035	I	EC Kemper Trust
19,035	I	JW Kemper Trust
2,002,568	I	James M Kemper Trust
39,897	I	MLK Trust- JMK issue
143,533	I	Tower Properties Co
19,022	I	WL Kemper Trust
]	19,035 2,002,568 39,897 143,533	19,035 I 2,002,568 I 39,897 I 143,533 I

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)	4. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Securi	ount of erlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
			Code V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Reporting Owners 2

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KEMPER DAVID W

PO BOX 13686 X Chairman of the Board, CEO

KANSAS CITY, MO 64199-3686

Signatures

By: Jeffery D. Aberdeen For: David W.

Kemper 12/14/2004

**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).

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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