

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

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

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

1. Name and Address of Reporting Person *
KEMPER DAVID W

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) (First) (Middle)
1000 WALNUT ST., 7TH FLOOR
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
02/01/2008

X Director _____ 10% Owner
X Officer (give title _____ Other (specify
below) below)
Chairman of the Board, CEO

KANSAS CITY, MO 64106

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

6. Individual or Joint/Group Filing (Check Applicable Line)
☒ 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

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D)	Price			
Common Stock	02/01/2008		A		4,104 <u>(1)</u>	A \$ 0	1,164,021	D	
Common Stock							1,639	I	Bank cust for son
Common Stock							22,030	I	CB Kemper Trust
Common Stock							11,015	I	EC Kemper Trust
Common Stock							11,016	I	EC Kemper Revoc Trst

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Common Stock	7,356	I	Exec Comp Plan
Common Stock	22,034	I	JW Kemper Trust
Common Stock	1,902,409	I	James M Kemper Trust
Common Stock	46,184	I	MLK Trust-JMK issue
Common Stock	166,156	I	Tower Properties Co
Common Stock	22,019	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. 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 Underlying Security (Instr. 3 and 4)
Stock Appreciation Rights	\$ 45.46	02/01/2008		A	97,750	02/01/2009 ⁽²⁾ 02/01/2018 ⁽²⁾	Common Stock

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: Jeffery D. Aberdeen For: David W.
Kemper

02/05/2008

__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) Restricted stock award.
- (2) The stock appreciation rights vest in four equal annual installments beginning February 1, 2009.

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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