

COMMERCE BANCSHARES INC /MO/  
Form 4  
August 31, 2009

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2009  
Estimated average burden hours per response... 0.5

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 \*  
**KEMPER JONATHAN M**

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)  
**08/27/2009**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Vice Chairman

**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	08/27/2009		S	23 D \$ 38.0119 (1)	1,155,749	D	
Common Stock	08/28/2009		S	10 D \$ 38.075 (2)	1,155,739	D	
Common Stock	08/27/2009		S	23 D \$ 38.0119 (1)	216,190	I	Julie Kemper Irrev
Common Stock	08/28/2009		S	10 D \$ 38.075 (2)	216,180	I	Julie Kemper Irrev
					24,218	I	401K

Common Stock								
Common Stock		23,131	I					Charlotte Kemper Trs
Common Stock		28,735	I					David BR Kemper Trst
Common Stock		53,275	I					Exec Comp Plan
Common Stock		136,678	I					Irrev Trust for self
Common Stock		48,493	I					Irrev Trust-children
Common Stock		23,109	I					Nicolas Kemper Trst
Common Stock		174,463	I					Tower Properties Co

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)	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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 6)
--	--	--------------------------------------	--	--------------------------------	---	--	---	--	--

Date Exercisable	Expiration Date	Title	Amount or Number of Shares
------------------	-----------------	-------	----------------------------

Code V (A) (D)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

KEMPER JONATHAN M  
1000 WALNUT ST., 7TH FLOOR      X                      Vice Chairman  
KANSAS CITY, MO 64106

## Signatures

By: Jeffery Aberdeen For: Jonathan M.                      08/31/2009  
Kemper

\_\_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 8/27/2009 is \$38.00 to \$38.05 per share.

(2) Range of sales prices for 8/28/2009 is \$38.00 to \$38.18 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.