

COMMERCE BANCSHARES INC /MO/
 Form 4
 March 11, 2010

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 *
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)
03/09/2010

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)
				(A) or (D)	Price		
Common Stock	03/09/2010		S	234	D	\$ 40.2764	1,130,108 D
						(1)	
Common Stock	03/10/2010		S	474	D	\$ 40.3722	1,129,634 D
						(2)	
Common Stock	03/11/2010		S	402	D	\$ 40.1693	1,129,232 D
						(3)	
Common Stock	03/09/2010		S	234	D	\$ 40.2764	114,243 I Julie Kemper Irrev

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					(1)			
Common Stock	03/10/2010	S	474	D	\$ 40.3722	113,769	I	Julie Kemper Irrev
Common Stock	03/11/2010	S	402	D	\$ 40.1693	113,367	I	Julie Kemper Irrev
Common Stock						26,019	I	401K
Common Stock						24,287	I	Charlotte Kemper Trs
Common Stock						30,171	I	David BR Kemper Trst
Common Stock						56,647	I	Exec Comp Plan
Common Stock						143,511	I	Irrev Trust for self
Common Stock						50,917	I	Irrev Trust-children
Common Stock						24,264	I	Nicolas Kemper Trst
Common Stock						183,186	I	Tower Properties Co

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)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr		
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KEMPER JONATHAN M 1000 WALNUT ST., 7TH FLOOR KANSAS CITY, MO 64106	X		Vice Chairman	

Signatures

By: James Swarts For: Jonathan M.
Kemper 03/11/2010

__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 3/9/10 is \$40.15 to \$40.35 per share.
 - (2) Range of sales prices for 3/10/2010 is \$40.12 to \$40.50 per share.
 - (3) Range of sales prices for 3/11/2010 is \$40.03 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.