

COMMERCE BANCSHARES INC /MO/  
Form 4  
December 14, 2004

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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)  
**PO BOX 13686**  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**12/13/2004**

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

**KANSAS CITY, MO 64199-3686**  
(City) (State) (Zip)

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

**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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| Common Stock                    | 12/13/2004                           |  | A                              | 156 <sup>(1)</sup>  | \$ 49.04  | I  | Exec Comp Plan  |
| Common Stock                    |                                      |  |                                |   | 858,830   | D  |   |
| Common Stock                    |                                      |  |                                |   | 16,638  | I  | 401K  |
| Common Stock                    |                                      |  |                                |   | 19,031  | I  | Charlotte Kemper Trs                                  |
| Common Stock                    |                                      |  |                                |   | 23,641  | I  | David BR Kemper Trst                                  |

|              |         |   |                      |
|--------------|---------|---|----------------------|
| Common Stock | 112,447 | I | Irrev Trust for self |
| Common Stock | 39,897  | I | Irrev Trust-children |
| Common Stock | 212,858 | I | Julie Kemper Irrev   |
| Common Stock | 19,013  | I | Nicolas Kemper Trst  |
| Common Stock | 143,533 | 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. Number of Derivative Securities Owned Beneficially (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

## Reporting Owners

| Reporting Owner Name / Address                                  | Relationships |           |               |       |
|---|---------------|-----------|---------------|-------|
|   | Director      | 10% Owner | Officer       | Other |
| KEMPER JONATHAN M<br>PO BOX 13686<br>KANSAS CITY, MO 64199-3686 | X             |           | Vice Chairman |       |

## Signatures

By: Jeffery D. Aberdeen For: Jonathan M. 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).
- (1) All holdings reported in column 5 of this form have been restated for a 5% stock dividend, ex-date 11/24/2004.

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.