

KEMPER DAVID W  
Form 4  
September 18, 2009

**FORM 4**

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

OMB APPROVAL

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**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 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)  
09/16/2009

Director  10% Owner  
 Officer (give title below)  Other (specify 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |
| Common Stock                    | 09/16/2009                           |  | S                              | 565   | D   | \$ 38.2154   | 1,210,626 D                       |
|                                 |                                      |  |                                |   |   | (1)  |                                   |
| Common Stock                    | 09/17/2009                           |  | S                              | 88  | D   | \$ 38.0401   | 1,210,538 D                       |
|                                 |                                      |  |                                |   |   | (2)  |                                   |
| Common Stock                    | 09/16/2009                           |  | S                              | 223,838   | D   | \$ 38.2154   | 1,550,060 I                       |
|                                 |                                      |  |                                |   |   | (1)  | James M Kemper Trust              |
| Common Stock                    | 09/17/2009                           |  | S                              | 34,680  | D   | \$ 38.0401   | 1,515,380 I                       |
|                                 |                                      |  |                                |   |   |  | James M Kemper                    |

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|              | (2)     |   | Trust                |
|--------------|---------|---|----------------------|
| Common Stock | 4,220   | I | Bank cust for son    |
| Common Stock | 11,565  | I | CB Kemper Trust      |
| Common Stock | 11,566  | I | CB Kemper Rev Trust  |
| Common Stock | 11,565  | I | EC Kemper Trust      |
| Common Stock | 11,566  | I | EC Kemper Revoc Trst |
| Common Stock | 8,017   | I | Exec Comp Plan       |
| Common Stock | 23,060  | I | JW Kemper Trust      |
| Common Stock | 48,493  | I | MLK Trust-JMK issue  |
| Common Stock | 174,463 | I | Tower Properties Co  |
| Common Stock | 23,119  | I | WL Kemper Trust      |

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 | 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 | 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 |
|--|---|--------------------------------------|--|--------------------------------|------------------------------------|--|---|--|---|
|--|---|--------------------------------------|--|--------------------------------|------------------------------------|--|---|--|---|

