FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPRO                | JVAL      |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| 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).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* <u>Bespolka Kevin L</u>                 |  |  |  |  | BI                                      | 2. Issuer Name <b>and</b> Ticker or Trading Symbol BIMINI CAPITAL MANAGEMENT, INC. BMNM |   |  |   |   |       |   |  |  |  | all app                            | nship of Reporting P<br>applicable)<br>pirector   |   | 10% Owner   |  |
|--|--|--|--|--|---|---|---|--|---|---|-------|---|--|--|--|------------------------------------|---|---|---|--|
| (Last) (First) (Middle) C/O BIMINI CAPITAL MANAGEMENT, INC. 3305 FLAMINGO DRIVE  |  |  |  |  |   | 3. Date of Earliest Transaction (Month/Day/Year) 02/15/2008                             |   |  |   |   |       |   |  |  |  | Offic<br>belov                     | er (give title<br>w)  |   | Other (<br>pelow)   | (specify   |
| (Street) VERO BEACH FL 32963 (City) (State) (Zip)                                |  |  |  |  |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                |   |  |   |   |       |   |  |  | Individual or Joint/Group Filing (Check Applicable Line)     X 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. Transac Date (Month/Date)                    |  |  |  |  |   | ar)   E   | Execution<br>If any   | Deemed<br>ecution Date,<br>any<br>onth/Day/Year)   |   | 3. Transaction Code (Instr. 8) 4. Security Disposed 5)                    |       |   | ties Acquired (A)<br>d Of (D) (Instr. 3, 4   |  |  | Securi<br>Benefi                   | cially<br>I Following   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |  |  |  |  |   |   | v   | Amount   | ( | A) or<br>D)   | Price |   | Transaction(s)<br>(Instr. 3 and 4)   |  |  |                                    | (1130.4)  |   |   |  |
| Class A Common Stock 02/15/  |  |  |  |  |   |   |   |  |   |   | 53,57 | 2 | A \$   |  | 126,779(1)   |                                    | 6,779(1)  | D   |   |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |  |  |   |   |   |  |   |   |       |   |  |  |  |                                    |   |   |   |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                              | vative Conversion Date Execution Date, irity or Exercise (Month/Day/Year) if any   |  |  |  | 4.<br>Transaction<br>Code (Instr.<br>8) |   | of<br>Derive<br>Secur<br>Acque<br>(A) or<br>Disposof (D)<br>(Instr. | of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |   | 6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Expiration |       |   | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.:<br>and 4) |  |  | ice of<br>vative<br>urity<br>r. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Owne<br>Form:<br>Direct<br>or Ind<br>(I) (Ins                     | (D)<br>irect  | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |

## **Explanation of Responses:**

1. Excludes 6,667 shares of Class A Common Stock held indirectly by an immediate family member and 8,000 shares of Class A Common Stock held indirectly by an individual retirement account.

J. Christopher Clifton, Attorney-In-Fact

02/19/2008

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.