STEWART STEVEN G Form 4

April 26, 2006

FORM 4

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

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)

(Last)

1. Name and Address of Reporting Person * STEWART STEVEN G

(First)

2. Issuer Name and Ticker or Trading Symbol

BSD MEDICAL CORP [bsm]

3. Date of Earliest Transaction

(Month/Day/Year) 04/25/2006

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Issuer

(Check all applicable)

X_ Director 10% Owner Officer (give title Other (specify

below)

6. 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

(City)

1.Title of

Security

(Instr. 3)

2. Transaction Date 2A. Deemed

(State)

(Month/Day/Year) Execution Date, if

(Middle)

(Zip)

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

or

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct (D) or Indirect Beneficial (Instr. 4)

Indirect Ownership (Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

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

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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 Conversion Security or Exercise

Price of

(Instr. 3)

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

5. Number of 4 TransactionDerivative Code Securities (Instr. 8) Acquired (A)

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of Underlying Securities (Instr. 3 and 4)

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Derivative or Disposed of Security (D)

(Instr. 3, 4, and 5)

Code V (A) (D) Date Exercisable Expiration Title

Date

e Amoun or

Numbe of Shar

Option to

purchase common \$ 5.76 04/25/2006 04/25/2006 A 16,368 04/25/2007(1) 04/25/2016 Common Stock 16,368

stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

STEWART STEVEN G

X

Signatures

Steven G. 04/26/2006 Stewart

**Signature of Date
Reporting Person

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) 1. Options vest at a rate of 3,274 annually from 4/25/2007 to 4/25/2011

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.

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