

BIO IMAGING TECHNOLOGIES INC
 Form 4
 April 11, 2007

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 *
 STACK DAVID M

2. Issuer Name and Ticker or Trading Symbol
 BIO IMAGING TECHNOLOGIES INC [BITI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 04/10/2007

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

C/O BIO-IMAGING TECHNOLOGIES, INC., 826 NEWTOWN-YARDLEY ROAD

(Street)

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

NEWTOWN, PA 18940

(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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount or Price | | |
| Common Stock | 04/10/2007 | | S | | 3,000 (2) | D | |
| | | | | | \$ 6.44 (1) | | |
| | | | | | 37,500 | D | |

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 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. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Option to Purchase Common Stock | \$ 0.63 | 04/10/2007 | | M | 1,500 | 01/18/2000 01/18/2010 | Common Stock | 1,500 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

STACK DAVID M
C/O BIO-IMAGING TECHNOLOGIES, INC.
826 NEWTOWN-YARDLEY ROAD
NEWTOWN, PA 18940

X

Signatures

/s/ David Stack 04/11/2007

__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).

- Such amount represents the average closing price of the common stock sold. The breakdown is as follows: 400 shares @ \$6.34; 200 shares @ \$6.39; 300 shares @ \$6.40; 400 shares @ \$6.41; 800 shares @ \$6.42; 200 shares at \$6.45; 200 shares @ \$6.46; 100 shares @ \$6.47; 300 shares @ \$6.59 and 100 shares @ \$6.70.
- (1) shares @ \$6.39; 300 shares @ \$6.40; 400 shares @ \$6.41; 800 shares @ \$6.42; 200 shares at \$6.45; 200 shares @ \$6.46; 100 shares @ \$6.47; 300 shares @ \$6.59 and 100 shares @ \$6.70.
- (2) Such options were exercised and sales were made pursuant to a Rule 10b5-1 trading plan entered into by Mr. Stack on November 17, 2006.
- (3) Includes multiple option grants with different exercise prices and vesting dates.

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

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