

CARREL MICHAEL H  
Form 4  
May 03, 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

## OMB APPROVAL

OMB  
Number: 3235-0287  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**CARREL MICHAEL H**

(Last) (First) (Middle)

**5850 OPUS PARKWAY, SUITE  
300**

(Street)

**MINNETONKA, MN 55343**

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
**VITAL IMAGES INC [VTAL]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**05/01/2006**

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

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

COO &amp; CFO

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**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                       |                                         |                                                             | Code                                 | V                                                                       | Amount                                                                                                             | (A)<br>or<br>(D)                                                     | Price                                                             |
| Common<br>Stock <sup>(1)</sup>        | 05/01/2006                              |                                                             | M                                    |                                                                         | 5,000                                                                                                              | A                                                                    | \$ 16.57                                                          |
| Common<br>Stock <sup>(1)</sup>        | 05/01/2006                              |                                                             | S                                    |                                                                         | 2,500                                                                                                              | D                                                                    | \$ 33.43                                                          |
| Common<br>Stock <sup>(1)</sup>        | 05/01/2006                              |                                                             | S                                    |                                                                         | 2,500                                                                                                              | D                                                                    | \$ 33.326                                                         |

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

**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 control**

SEC 1474  
(9-02)

number.

**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) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) | 8. Amount<br>or<br>Number<br>of<br>Shares |
|-----------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|
| Employee<br>stock<br>option<br>(right to<br>buy)    | \$ 16.57                                                           | 05/01/2006                              |                                                             | M                                    | 5,000                                                                                                           | (2) 05/13/2006                                                 | Common<br>Stock                                                     | 5,000                                     |

## Reporting Owners

| Reporting Owner Name / Address                                             | Relationships |           |           |       |
|----------------------------------------------------------------------------|---------------|-----------|-----------|-------|
|                                                                            | Director      | 10% Owner | Officer   | Other |
| CARREL MICHAEL H<br>5850 OPUS PARKWAY<br>SUITE 300<br>MINNETONKA, MN 55343 |               |           | COO & CFO |       |

## Signatures

/s/ Michael H.

Carrel

05/02/2006

\*\*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) Transaction made pursuant to plan adopted under Rule 10b5-1.

(2) Vests as to 28% on January 17, 2006, and as to 2% monthly thereafter

(3) In addition, Mr. Carrel has other options outstanding of 10,000 at \$32.14 expiring on 3/9/11.

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.