PIHL DOUGLAS M Form 4

September 16, 2009

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

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * PIHL DOUGLAS M

(Last) (First) (Middle)

5850 OPUS PARKWAY, SUITE 300

(Street)

2. Issuer Name and Ticker or Trading Symbol

VITAL IMAGES INC [VTAL]

(Month/Day/Year) 09/14/2009

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

3. Date of Earliest Transaction

(Check all applicable)

Issuer

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

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

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burden hours per

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

MINNETONKA, MN 55343

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	ly 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) actiomr Disposed of (D) (Instr. 3, 4 and 5) 8) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
_			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	09/14/2009		S	200	D	\$ 12.61	46,523	D	
Common Stock	09/14/2009		S	425	D	\$ 12.59	46,098	D	
Common Stock	09/14/2009		S	1,200	D	\$ 12.58	44,898	D	
Common Stock	09/14/2009		S	2,200	D	\$ 12.57	42,698	D	
Common Stock	09/14/2009		S	3,600	D	\$ 12.56	39,098	D	

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Common Stock	09/14/2009	S	1,200	D	\$ 12.55	37,898	D
Common Stock	09/14/2009	S	1,022	D	\$ 12.54	36,876	D
Common Stock	09/14/2009	S	400	D	\$ 12.53	36,476	D
Common Stock	09/14/2009	S	517	D	\$ 12.52	35,959	D
Common Stock	09/14/2009	S	805	D	\$ 12.5	35,154	D
Common Stock	09/14/2009	S	811	D	\$ 12.51	34,343	D
Common Stock	09/14/2009	S	1,467	D	\$ 12.5	32,876	D
Common Stock	09/14/2009	S	1,000	D	\$ 12.628	31,876	D
Common Stock	09/14/2009	S	2,351	D	\$ 12.6537	29,525	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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	e		Securi	ties	(Instr. 5)
	Derivative				Securities	S		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									A	
									Amount	
						Date	Expiration		or	
						Exercisable	Date		Number	
				a 1					of	
				Code	V (A) (D)				Shares	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PIHL DOUGLAS M 5850 OPUS PARKWAY SUITE 300

MINNETONKA, MN 55343

X

Signatures

/s/ Douglas M

Pihl 09/15/2009

**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).

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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