Green James W Form 4 May 23, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES obligations

See Instruction 1(b).

(Last)

(City)

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)

may continue.

1. Name and Address of Reporting Person * Green James W

(First)

(Street)

(State)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

ANALOGIC CORP [ALOG]

(Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

05/21/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

below) President and CEO

Director

X_ Officer (give title

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

10% Owner

Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Person

Issuer

PEABODY, MA 01960

8 CENTENNIAL DRIVE

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Code (D) Beneficially (D) or Beneficial Indirect (I) Ownership (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

A

Common

Stock

05/21/2007

10,000 Α

\$0

10,000

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

(9-02)

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| 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 or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisab Expiration Date (Month/Day/Year | | 7. Title and Ar Underlying Se (Instr. 3 and 4) |
|---|---|---|---|---|--|---|-----------------|--|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title I |
| Incentive Stock Option (right to buy) | \$ 64.7 | 05/21/2007 | | A | 6,180 | 05/21/2008(1) | 05/21/2014 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 64.7 | 05/21/2007 | | A | 43,820 | 05/21/2008(1) | 05/21/2014 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships |
|--------------------------------|---------------|
| | |

Director 10% Owner Officer Other

Green James W

8 CENTENNIAL DRIVE President and CEO

PEABODY, MA 01960

Signatures

By: Bruce Garr, by Power of Attorney For: James W.

Green

05/23/2007

**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).
- (1) The options will become exercisable in four equal annual installments, on May 21, 2008, May 21, 2009, May 21, 2010, and May 21, 2011, respectively.

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.

Reporting Owners 2