

Coye Molly Joel
 Form 4
 February 12, 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 *
 Coye Molly Joel

(Last) (First) (Middle)

HEALTH TECHNOLOGY
 CENTER, 524 SECOND STREET

(Street)

SAN FRANCISCO, CA 94107

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 AETNA INC /PA/ [AET]

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/09/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) Code V Amount (D) Price | | | |
| COMMON STOCK | | | | | 249 | D | |

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

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 (9-02)

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

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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 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) | Amount Number Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------|
| RESTRICTED STOCK UNITS | (1) | 02/09/2007 | | A | 1,391 | (2) (2) | COMMON STOCK | 1,391 |
| PHANTOM STOCK UNITS | (3) | | | | | (4) (4) | COMMON STOCK | 1,533 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Coye Molly Joel HEALTH TECHNOLOGY CENTER 524 SECOND STREET SAN FRANCISCO, CA 94107 | X | | | |

Signatures

MOLLY J. COYE, M.D. by Paige L. Falasco, Attorney in Fact
 Date: 02/12/2007
 **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) RESTRICTED STOCK UNITS ARE CONVERTIBLE INTO COMMON STOCK ON A ONE-FOR-ONE BASIS.
 RESTRICTED STOCK UNITS GRANTED UNDER THE AETNA INC. NONEMPLOYEE DIRECTOR COMPENSATION PLAN
- (2) (THE "PLAN"). SUBJECT TO TERMS OF THE PLAN, THE UNITS WILL VEST IN THREE ANNUAL INSTALLMENTS BEGINNING FEBRUARY 9, 2008 [464 UNITS), FEBRUARY 9, 2009 (463 UNITS) AND FEBRUARY 9, 2010 (464 UNITS).
- (3) UNITS CONVERT TO COMMON STOCK ON A ONE FOR ONE BASIS.
 UNITS ACCRUED UNDER PLAN PURSUANT TO DEFERRAL OF DIRECTOR FEES. SUBJECT TO TERMS OF PLAN, UNITS
- (4) MAY BE SETTLED IN AETNA COMMON STOCK, IN CASH OR A COMBINATION OF BOTH UPON REPORTING PERSON'S RETIREMENT.

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.