

Elliott Kelley
 Form 4
 August 22, 2012

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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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 *
 Elliott Kelley

(Last) (First) (Middle)

C/O EXPRESS SCRIPTS
 HOLDING COMPANY, ONE
 EXPRESS WAY

(Street)

ST. LOUIS, MO 63121

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Express Scripts Holding Co. [ESRX]

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

08/20/2012

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)
 Chief Accounting Officer

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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | (A) or (D) | Price | | |
| Common Stock | 08/20/2012 | | M | 12,028 | A \$ 31.92 | 24,192 | D |
| Common Stock | 08/20/2012 | | S | 12,028 | D \$ 60.07 | 12,164 | D |
| Common Stock | 08/20/2012 | | M | 5,358 | A \$ 22.87 | 17,522 | D |
| Common Stock | 08/20/2012 | | S | 5,358 | D \$ 60.07 | 12,164 | 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)

| 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 Security (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| Non-Qualified Stock Option (Right-to-Buy) | \$ 31.92 | 08/20/2012 | | M | 12,028 | <u>(1)</u> 02/26/2015 | Express Scripts Holding Company Common Stock |
| Non-Qualified Stock Option (Right-to-Buy) | \$ 22.87 | 08/20/2012 | | M | 5,358 | <u>(1)</u> 03/02/2016 | Express Scripts Holding Company Common Stock |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Elliott Kelley
C/O EXPRESS SCRIPTS HOLDING COMPANY
ONE EXPRESS WAY
ST. LOUIS, MO 63121

Chief Accounting Officer

Signatures

Kelley Elliott 08/22/2012

__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) Options vest in three (3) equal installments on the first three anniversaries of the grant date.

(2) Employee stock option granted pursuant to Express Scripts, Inc. 2000 Long-Term Incentive Plan.

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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