Instruction 1(b)

## FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
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**OMB APPROVAL** OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person*     Wynn H Edward |   |            |  |         |   | 2. Issuer Name and Ticker or Trading Symbol STEPAN CO [ SCL ] |          |                                   |                                    |  |                      |   |   |        | k all applic<br>Directo  | able)<br>r  | Person(s) to Iss             |  | wner   |  |
|---|---|------------|--|---------|---|---|----------|-----------------------------------|------------------------------------|--|----------------------|---|---|--------|--|---|------------------------------|--|--|--|
| (Last)<br>22 W. FR                                      | (<br>ONTAGE   | First)     | (Middle)                                     |         |   | 3. Date of Earliest Transaction (Month/Day/Year) 12/15/2014   |          |                                   |                                    |  |                      |   |   |        | Officer (give title Other (specibelow) below)  VP, Gen'l Counsel & Secretary |   |                              |  |  |  |
| (Street) NORTHI   |   |            | 60093  |         | 4. 1                                    | 4. If Amendment, Date of Original Filed (Month/Day/Year)      |          |                                   |                                    |  |                      |   |   |        | Form fi  | ual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person |                              |  |  |  |
| (City)  | (:  |            | (Zip)<br>ole I - No                          | n-Deriv | vativ                                   | e Se  | curities |                                   | auired                             | Dis  | nosed o              | of or Be  | nefic                                     | ially  | Owned  |   |                              |  |  |  |
| 1. Title of Security (Instr. 3) 2. Trans<br>Date        |   |            | 2. Trans                                     | action  | ar) if                                  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)   |          | 3.<br>Transaction<br>Code (Instr. |                                    | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4 |                      | ed (A) o  | 5. Amoui<br>snd 5) Securitie<br>Beneficia |        | nt of<br>es<br>ally<br>following   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)   |                              | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                      |  |  |
|   |   |            |  |         |   |   |          |                                   |                                    | v  | Amount               | (A) o<br>(D)  | r Pric                                    | Trance |  | ion(s)  |                              |  | (Instr. 4)   |  |
| Common  | Stock   |            |  | 12/15   | 5/2014                                  | 4   |          |                                   | A                                  |  | 65.669               | (1) A   | \$3                                       | 7.16   | 13,6   | 22.69   | D                            |  |  |  |
| Common  | Stock   |            |  |         |   |   |          |                                   |                                    |  |                      |   |   |        | 1,359  |   |                              |  | By<br>ESOP II<br>Trust   |  |
|   |   |            | Table II -                                   |         |   |   |          |                                   |                                    |  | osed of,<br>converti |   |   |        | Owned  |   |                              |  |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)     | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security |            | 3A. Deem<br>Execution<br>if any<br>(Month/Da | Date,   | 4.<br>Transaction<br>Code (Instr.<br>8) |   |          |                                   | 6. Date E<br>Expiratio<br>(Month/D | n Dat  |                      | 7. Title and Am<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |   | 1      | 3. Price of<br>Derivative<br>Security<br>Instr. 5)                           | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4)          | Ow<br>Fo<br>Dir<br>or<br>(I) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |            |  |         | Code                                    | v   | (A)      | (D)                               | Date<br>Exercisa                   |  | Expiration<br>Date   | Title   | Amor<br>or<br>Numl<br>of<br>Share         | ber    |  |   |                              |  |  |  |
| Share<br>Units <sup>(3)</sup>                           | (4)   | 12/15/2014 |  |         | A                                       |   | 43.711   |                                   | (5)                                |  | (5)                  | Common<br>Stock   | 43.7                                      | 11     | \$37.16 <sup>(6)</sup>   | 9,067.5   | 55                           | D  |  |  |

## **Explanation of Responses:**

- 1. Reflects acquisition of deferred share units under the Performance Award Deferred Compensation Plan ("Plan") pursuant to a dividend equivalent feature of the Plan.
- 2. Reflects ESOP II acquisitions that have occurred since the Reporting Person's last ownership report covering ESOP II holdings.
- 3. Share Units are acquired under the Management Incentive Plan Amended and Restated as of January 1, 2010 ("MIP"), a nonqualified deferred compensation plan which allows MIP participants to elect to defer all or a portion of their deferred compensation into accounts pursuant to MIP provisions.
- 4. Share Units convert on a one-for-one basis into Common Stock.
- 5. Reflects acquisition of Share Units pursuant to a dividend equivalent feature of the MIP, generally payable at end of employment, unless otherwise elected.
- 6. Price reported is the price of Common Stock on the date the dividend equivalents are payable pursuant to a dividend equivalent feature of the MIP.

H. Edward Wynn 12/16/2014

\*\* Signature of Reporting Person Date

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

- \* 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.

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 Number.