FORM 4

obligations may continue. See Instruction 1(b).

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

| 1. Name and Address of Reporting Person*  Kirk Spencer |                  |                        |                        |           |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  Extra Space Storage Inc. [ EXR ] |        |                             |                |   |                     |                          |                           | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |   |   |  |                           |  |
|--|------------------|------------------------|------------------------|-----------|---|--|--------|-----------------------------|----------------|---|---------------------|--------------------------|---------------------------|---|---|---|--|---------------------------|--|
| KIIK Opencer   |                  |                        |                        |           |   |  | •      |                             |                |   |                     |                          |                           | X   | Direc   |   | 10% (                                  |                           |  |
| (Loot) (First) (Middle)                                |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           | X   | Offic<br>belov  | er (give title<br>w)  | Other<br>below                         | (specify                  |  |
| (Last) (First) (Middle)                                |                  |                        |                        |           |   | 3. Date of Earliest Transaction (Month/Day/Year) 01/02/2015                          |        |                             |                |   |                     |                          |                           |   |   | ,   | utive Officer                          | ´                         |  |
| 2795 EAST COTTONWOOD PARKWAY                           |                  |                        |                        |           | 01/02/2013  |  |        |                             |                |   |                     |                          |                           |   |   |   |  |                           |  |
| SUITE 400  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   |   |   |  |                           |  |
| (Ctract)   |                  |                        |                        |           |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                             |        |                             |                |   |                     |                          |                           |   | 5. Individual or Joint/Group Filing (Check Applicable |   |  |                           |  |
| (Street) SALT LAKE                                     |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           | Line)   | ′   |   |  |                           |  |
| CITY UT 84121  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          | X                         | Form filed by One Reporting Person                                      |   |   |  |                           |  |
|  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           | Form filed by More than One Reporting<br>Person                         |   |   |  |                           |  |
| (City) (State) (Zip)                                   |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   |   |   |  |                           |  |
|  |                  | Tabl                   | e I - N                | on-Deriva | ative   | Sec  | uritie | s Ac                        | quire          | d, Di                                   | sposed o            | f, or B                  | enefi                     | cially  | Owne  | ed  |  |                           |  |
| 1. Title of Security (Instr. 3) 2. Transactio          |                  |                        |                        |           |   | n 2A. Deemed   |        |                             | 3.             |   | 4. Securities       | d (A) or                 |                           | 5. Am   | ount of   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature                              |                           |  |
| Date<br>(Month/Day                                     |                  |                        |                        | /Year)    | Year) Execution Date,<br>if any<br>(Month/Day/Year) |  |        | Transaction<br>Code (Instr. |                | Disposed Of                             | (D) (Instr. 3, 4 an |                          | nd 5)                     | Securities Beneficially Owned Following                                 |   |   | of Indirect<br>Beneficial<br>Ownership |                           |  |
|  |                  |                        |                        |           |   | (Month/Day/Year)   |        | 8)                          | $\overline{}$  |   | 1,,,                | _                        |                           | Reported Transaction(s)   |   | (1) (111501. 4)   | (Instr. 4)                             |                           |  |
|  |                  |                        |                        |           |   |  |        |                             | Code           | ۱۷                                      | Amount              | (A) oi<br>(D)            | Price                     | •   |   | 3 and 4)  |  |                           |  |
| Common Stock 01/02/20                                  |                  |                        |                        | 015       | 15  |  |        | S                           |                | 20,000(1)                               | D                   | \$58                     | .7253                     | 253 824,890   |   | D   |  |                           |  |
|  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          | İ                         |   |   |   |  | Krispen                   |  |
| Common Stock   |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   |   | 407 47C   | Ī                                      | Family                    |  |
| Common Stock   |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   | 2,427,476   |   | 1                                      | Holdings                  |  |
|  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   |   |   |  | L.C. <sup>(2)</sup>       |  |
|  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   |   |   |  | The Kirk                  |  |
| Common Stock   |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   |   | 23,215  | I                                      | 101                       |  |
|  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          |                           |   |   |   | Trust <sup>(3)</sup>                   |                           |  |
|  |                  | Та                     | ble II                 |           |   |  |        |                             |                |   | osed of,            |                          |                           |   | vned  |   |  |                           |  |
|  |                  |                        |                        | (e.g., pu | ıts, c  | alls,  | warr   | ants,                       | optio          | ons,                                    | convertib           | le sec                   | uritie                    | s)  |   |   |  |                           |  |
| 1. Title of<br>Derivative                              | 2.<br>Conversion | 3. Transaction<br>Date | 3A. Dee                |           | 4.<br>Tranca  | I.<br>Transaction  |        | 5. Number of                |                | 6. Date Exercisable and Expiration Date |                     |                          | 7. Title and<br>Amount of |   | ice of  | 9. Number o   | f 10.<br>Ownership                     | 11. Nature<br>of Indirect |  |
| Security   | or Exercise      | (Month/Day/Year)       | Execution Date, if any |           | Code (  | Instr.   Derivative  |        |                             | (Montl         |   |                     | Securities               |                           | Seci  | Security<br>(Instr. 5)                                | Securities  | Form:                                  | Beneficial                |  |
| (Instr. 3) Price of Derivative (Month/Day/Year) 8      |                  |                        |                        | 8)        | Securities Acquired (A) or Disposed                 |  |        |                             |                |   | Derivat             | Underlying<br>Derivative |                           | isti. 5)  | Beneficially<br>Owned                                 | Direct (D)<br>or Indirect   | Ownership<br>(Instr. 4)                |                           |  |
| Security   |                  |                        |                        |           |   |  |        |                             |                | Security (Instr.                        |                     | 3                        |                           | Following<br>Reported   | (I) (Instr. 4)  |   |  |                           |  |
|  |                  |                        |                        |           | of (D)<br>(Instr. 3, 4                              |  |        |                             |                | •                                       |                     |                          |                           | Transaction(s)<br>(Instr. 4)  | (s)   |   |  |                           |  |
|  |                  |                        |                        |           | and 5)  |  |        |                             |                |   |                     |                          |                           | (   |   |   |  |                           |  |
|  |                  |                        |                        | Γ         |   |  |        |                             |                |   |                     |                          | Amoun                     | t   |   |   |  |                           |  |
|  |                  |                        |                        |           |   |  |        |                             |                |   |                     |                          | or<br>Numbe               | r   |   |   |  |                           |  |
|  |                  |                        |                        | ,         | Code  | v  | (A)    | (D)                         | Date<br>Exerci | sable                                   | Expiration Date     | Title                    | of<br>Shares              |   |   |   |  |                           |  |

## **Explanation of Responses:**

- $1. \ Sale \ occurred \ pursuant \ to \ a \ 10b 5-1 \ plan \ entered \ into \ by \ the \ reporting \ person \ on \ November \ 3, \ 2014.$
- 2. The reporting person disclaims beneficial ownership in the common stock held by Krispen Family Holdings, L.C., except to the extent of his pecuniary interest therein.
- 3. The reporting person disclaims beneficial ownership in the common stock held by The Kirk 101 Trust, except to the extent of his pecuniary interest therein.

01/06/2015 Spencer F. Kirk

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.