## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

| 1. Name and Address<br>STILWELL JO | s of Reporting Person <sup>*</sup><br>DSEPH |                | 2. Issuer Name and Ticker or Trading Symbol<br><u>Wheeler Real Estate Investment Trust, Inc.</u> [<br>WHLR ] | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>X Director X 10% Owner<br>Officer (give title Other (specify                                     |
|------------------------------------|---|----------------|--|--|
| (Last)<br>200 CALLE DEI            | (First)<br>2 SANTO CRISTO                   | (Middle)       | 3. Date of Earliest Transaction (Month/Day/Year)<br>07/03/2025   | below) below)  |
| (Street)<br>SAN JUAN<br>(City)     | PR<br>(State)                               | 00901<br>(Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year)   | <ul> <li>6. Individual or Joint/Group Filing (Check Applicable Line)<br/>Form filed by One Reporting Person</li> <li>X Form filed by More than One Reporting Person</li> </ul> |

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transac<br>Code (li<br>8) |   |                      |  |       | 5. Amount of<br>Securities<br>Beneficially Owned<br>Following Reported | 6. Ownership<br>Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |  |
|---------------------------------|--|---|---------------------------------|---|----------------------|--|-------|--|---|---|--|
|                                 |  |   | Code                            | v | Amount (A) or<br>(D) |  | Price | Transaction(s)<br>(Instr. 3 and 4)                                     |   | (Instr. 4)  |  |
| Common Stock                    |  |   |                                 |   |                      |  |       | 405,809  | Ι   | See<br>footnote <sup>(1)</sup>                      |  |
| Common Stock                    |  |   |                                 |   |                      |  |       | 42,598   | Ι   | See<br>footnote <sup>(2)</sup>                      |  |
| Common Stock                    |  |   |                                 |   |                      |  |       | 88,403   | Ι   | See<br>footnote <sup>(3)</sup>                      |  |
| Common Stock                    |  |   |                                 |   |                      |  |       | 806  | Ι   | See<br>footnote <sup>(4)</sup>                      |  |

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

| 1. Title of<br>Derivative<br>Security (Instr.<br>3)      | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8) |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5) |     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr. 3<br>and 4) |                                  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s) | 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>Exercisable  | Expiration<br>Date | Title  | Amount or<br>Number of<br>Shares |   | (Instr. 4)   |  |  |
| 7.00%<br>Subordinated<br>Convertible<br>Notes due 2031   | \$2.82 <sup>(5)</sup>  |  |   |   |   |  |     | (5)  | 12/31/2031         | Common<br>Stock  | 6,086,228 <sup>(5)</sup>         |   | \$17,158,975   | I  | See<br>footnote <sup>(1)</sup>                                     |
| 7.00%<br>Subordinated<br>Convertible<br>Notes due 2031   | \$2.82 <sup>(5)</sup>  |  |   |   |   |  |     | (5)  | 12/31/2031         | Common<br>Stock  | 888,497 <sup>(5)(6)</sup>        |   | \$2,504,950  | I  | See<br>footnote <sup>(2)</sup>                                     |
| 7.00%<br>Subordinated<br>Convertible<br>Notes due 2031   | \$2.82 <sup>(5)</sup>  |  |   |   |   |  |     | (5)  | 12/31/2031         | Common<br>Stock  | 1,374,785 <sup>(5)</sup>         |   | \$3,875,950  | I  | See<br>footnote <sup>(3)</sup>                                     |
| 7.00%<br>Subordinated<br>Convertible<br>Notes due 2031   | \$2.82 <sup>(5)</sup>  |  |   |   |   |  |     | (5)  | 12/31/2031         | Common<br>Stock  | 85,082 <sup>(5)(6)</sup>         |   | \$239,875  | I  | See<br>footnote <sup>(4)</sup>                                     |
| Series D<br>Cumulative<br>Convertible<br>Preferred Stock | \$17,095,680 <sup>(7)</sup>  |  |   |   |   |  |     | (7)  | (7)                | Common<br>Stock  | <b>0</b> <sup>(7)</sup>          |   | 103,773  | I  | See<br>footnote <sup>(1)</sup>                                     |
| Series D<br>Cumulative<br>Convertible<br>Preferred Stock | \$17,095,680 <sup>(7)</sup>  |  |   |   |   |  |     | (7)  | (7)                | Common<br>Stock  | <b>0</b> <sup>(7)</sup>          |   | 14,887   | I  | See<br>footnote <sup>(2)</sup>                                     |
| Series D<br>Cumulative<br>Convertible<br>Preferred Stock | \$17,095,680 <sup>(7)</sup>  |  |   |   |   |  |     | (7)  | (7)                | Common<br>Stock  | <b>0</b> <sup>(7)</sup>          |   | 20,452   | I  | See<br>footnote <sup>(3)</sup>                                     |
| Series D<br>Cumulative<br>Convertible<br>Preferred Stock | \$17,095,680 <sup>(7)</sup>  |  |   |   |   |  |     | (7)  | (7)                | Common<br>Stock  | 0 <sup>(7)</sup>                 |   | 1,361  | I  | See<br>footnote <sup>(4)</sup>                                     |

| 1. Title of<br>Derivative<br>Security (Instr.<br>3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8) |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5) |                      | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and A<br>Securities U<br>Derivative S<br>and 4) | Amount of<br>nderlying<br>ecurity (Instr. 3 | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported | 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>Exercisable  | Expiration<br>Date | Title  | Amount or<br>Number of<br>Shares            | ]   | Transaction(s)<br>(Instr. 4)   |  |  |
| Series B<br>Convertible<br>Preferred Stock          | \$40,320,000 <sup>(9)</sup>  | 07/03/2025                                 |   | s                                       |   |  | 3,151 <sup>(8)</sup> | (9)  | (9)                | Common<br>Stock  | 0 <sup>(9)</sup>                            | \$4   | 575,494  | I  | See<br>footnote <sup>(1)</sup>                                     |
| Series B<br>Convertible<br>Preferred Stock          | \$40,320,000 <sup>(9)</sup>  |  |   |   |   |  |                      | (9)  | (9)                | Common<br>Stock  | 0(9)  |   | 83,488   | I  | See<br>footnote <sup>(2)</sup>                                     |
| Series B<br>Convertible<br>Preferred Stock          | \$40,320,000 <sup>(9)</sup>  | 07/03/2025                                 |   | s                                       |   |  | 715 <sup>(8)</sup>   | (9)  | (9)                | Common<br>Stock  | <b>0</b> <sup>(9)</sup>                     | \$4   | 130,484  | I  | See<br>footnote <sup>(3)</sup>                                     |
| 1. Name and Ad                                      |  | ing Person <sup>*</sup>                    |   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Last)<br>200 CALLE                                 | (Firs<br>DEL SANTO   |  | (Middle)  |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Street)<br>SAN JUAN                                | PR   |  | 00901   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (City)  | (Sta   | te)  | (Zip)   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| 1. Name and Ad<br>Stilwell Va                       |  | ing Person <sup>*</sup>                    |   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Last)<br>111 BROAD                                 | (Firs<br>WAY,12TH F  |  | (Middle)  |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Street)<br>NEW YORK                                | . NY   |  | 10006   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (City)  | (Sta   | te)  | (Zip)   |   | _ |  |                      |  |                    |  |   |   |  |  |  |
| 1. Name and Ad<br>Stilwell Ac                       |  | ing Person <sup>*</sup><br>stments, L.P.   |   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Last)<br>111 BROAD                                 | (Firs<br>WAY,12TH F  |  | (Middle)  |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Street)<br>NEW YORK                                | . NY   |  | 10006   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (City)  | (Sta   | te)  | (Zip)   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| 1. Name and Ad<br>Stilwell Ac                       | ldress of Report<br>activist Fund                                  |  |   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Last)<br>111 BROAD                                 | (Firs<br>WAY,12TH F  |  | (Middle)  |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Street)<br>NEW YORK                                | . NY   |  | 10006   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (City)  | (Sta   | te)  | (Zip)   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| 1. Name and Ad<br>Stilwell Va                       | ldress of Reporti<br>alue Partner                                  |  |   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (Last)<br>111 BROAD                                 | (Firs<br>WAY,12TH F  |  | (Middle)  |   | _ |  |                      |  |                    |  |   |   |  |  |  |
| (Street)<br>NEW YORK                                | . NY   |  | 10006   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| (City) (State) (Zip)                                |  |  |   |   |   |  |                      |  |                    |  |   |   |  |  |  |
| 1. Name and Ad<br>STILWEL                           | ldress of Reporti  |  |   |   |   |  |                      |  |                    |  |   |   |  |  |  |

| (Last)<br>111 BROADWAY | (First)<br>12TH FLOOR | (Middle) |
|------------------------|-----------------------|----------|
| (Street)<br>NEW YORK   | NY                    | 10006    |
| (City)                 | (State)               | (Zip)    |

## Explanation of Responses:

1. These securities are owned directly by Stilwell Activist Investments, L.P. ("SAI") and indirectly by Joseph Stilwell in his capacity as the managing member and owner of Stilwell Value LLC ("Value"), which is the general partner of SAI. Joseph Stilwell disclaims beneficial ownership of all shares reported as owned indirectly except to the extent of his pecuniary interest therein.

2. These securities are owned directly by Stilwell Activist Fund, L.P. ("SAF") and indirectly by Joseph Stilwell in his capacity as the managing member and owner of Value, which is the general partner of SAF. Joseph Stilwell disclaims beneficial ownership of all shares reported as owned indirectly except to the extent of his pecuniary interest therein.

3. These securities are owned directly by Stilwell Value Partners VII, L.P. ("SVP VII") and indirectly by Joseph Stilwell in his capacity as the managing member and owner of Value, which is the general partner of SVP VII. Joseph Stilwell disclaims beneficial ownership of all shares reported as owned indirectly except to the extent of his pecuniary interest therein.

4. These securities are owned directly by Stilwell Associates, L.P. ("SA") and indirectly by Joseph Stilwell in his capacity as the managing member and owner of Value, which is the general partner of SA. Joseph Stilwell disclaims beneficial ownership of all shares reported as owned indirectly except to the extent of his pecuniary interest therein.

5. The Issuer's 7.00% Subordinated Convertible Notes due 2031 (the "Notes") are convertible, in whole or in part, at any time, at the option of the holders thereof, into shares of the Issuer's common stock at a conversion price of \$2.819312 per share (8.867413 common shares for each \$25.00 of principal amount of the Notes being converted).

6. Interest on the Notes may be payable, at the Issuer's Series D Cumulative Convertible Preferred Stock ("Series B Preferred Stock") or in shares of the Issuer's Series D Cumulative Convertible Preferred Stock ("Series D Preferred Stock"), in each case as set forth in the Notes. The number of shares of the Issuer's common stock indicated in the Table is based on the outstanding principal amount of the Notes held by the Reporting Person.

7. Each share of Series D Preferred Stock is convertible, in whole or in part, at any time, at the option of the holders thereof, into 0.000001 shares of the Issuer's common stock (a conversion price of \$17,095,680 per share of common stock). Series D Preferred Stock has no expiration date.

8. This Form 4 reports the following sales of Series B Preferred Stock on July 3, 2025: (i) SAI sold 3,151 shares at \$4.00 per share, and (ii) SVP VII sold 715 shares at \$4.00 per share.

9. Each share of Series B Preferred Stock is convertible, in whole or in part, at any time, at the option of the holders thereof, into 0.0000006 shares of the Issuer's common stock (a conversion price of \$40,320,000 per share of common stock). Series B Preferred Stock has no expiration date.

| /s/ Joseph Stilwell  | 07/08/2025                |
|--|---------------------------|
| <u>/s/ Joseph Stilwell as authorized</u><br>agent for Stilwell Value LLC                                     | 07/08/2025                |
| /s/ Joseph Stilwell as authorized<br>agent for Stilwell Activist<br>Investments, L.P.                        | <u>07/08/2025</u>         |
| <u>/s/ Joseph Stilwell as authorized</u><br>agent for Stilwell Activist Fund,<br>L.P.                        | <u>07/08/2025</u>         |
| /s/ Joseph Stilwell as authorized<br>agent for Stilwell Value Partners<br>VII, L.P.                          | <u>07/08/2025</u>         |
| /s/ Joseph Stilwell as authorized<br>agent for Stilwell Associates, L.P.<br>** Signature of Reporting Person | <u>07/08/2025</u><br>Date |
| Signature of Reporting Person  | Dale                      |

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.