FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL        |           |  |  |  |  |  |  |  |  |  |
|---------------------|-----------|--|--|--|--|--|--|--|--|--|
| OMB Number:         | 3235-0287 |  |  |  |  |  |  |  |  |  |
| Estimated average I | burden    |  |  |  |  |  |  |  |  |  |

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5.556

0.5

hours per response:

| Cricck triis box ii no longer subject to |
|--|
| Section 16. Form 4 or Form 5             |
| obligations may continue. See            |
| Instruction 1(b).                        |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

|  |   |  |   |          | or  | Sectio  | п 30(n                         | ) or the | investm                                    | ent C  | ompany Ac            | t of 1940   |  |   |  |  |  |  |  |
|--|---|--|---|----------|---|---|--------------------------------|----------|--|--------|----------------------|---|--|---|--|--|--|--|--|
| Name and Address of Reporting Person*<br>Thompson Kevin L  |   |  |   |          | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  Midland States Bancorp, Inc. [ MSBI ] |   |                                |          |  |        |                      |   |  | 5. Relationship of Reporting Person(s) to Issu<br>(Check all applicable)<br>Director 10% Own  |  |  |  |  |  |
| (Last)<br>1201 NE  | ,   | irst)<br>CENTRE DR.                        | (Middle)                                    |          |   | 3. Date of Earliest Transaction (Month/Day/Year) 03/31/2017 |                                |          |  |        |                      |   |  |   | Officer (give title below) below)  Chief Financial Officer |  |  |  |  |
| Street)<br>EFFING  | GHAM IL 62401   |  |   |          | -   4. Ii   | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |                                |          |  |        |                      |   |  | Individual or Joint/Group Filing (Check Applicable le)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |  |  |  |  |  |
| (City)   | (5  |  | (Zip)                                       | on Doris | ,otive  |   | viti                           |          | iro  | 4 D:   | special d            | of or Bo  | noficia                                | lb., i  |  |  |  |  |  |
| Title of Security (Instr. 3)  2. Transac Date (Month/Date) |   |  |   | ction    | ion 2A. Deem<br>Execution<br>//Year) if any   |   | Deemed<br>ecution Date,<br>any |          | 3. Transaction Code (Instr. 8) 4. Securiti |        |                      | d (A) or  | or 5. Ar<br>and 5) Secu<br>Bend        |   | unt of<br>es<br>ially<br>Following                         | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  |  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)        |  |
|  |   |  |   |          |   |   |                                |          | Code                                       | v      | Amount               | ınt (A) or (D) P  |  | Transaction<br>(Instr. 3 and  |  | tion(s)  |  |  | (11301. 4)   |
| Common Stock 03/31   |   |  |   | 03/31/   | 2017  |   |                                |          | A  |        | 108.43               | 7 A   | \$32.5                                 | 6 <sup>(1)</sup>  | 2,458.437  |  |  | D  |  |
|  |   | 7  | able II                                     |          |   |   |                                |          |  |        | posed of<br>converti |   |  | y Oı  | wned   |  |  |  |  |
| Title of<br>Derivative<br>Security<br>Instr. 3)            | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deer<br>Execution<br>if any<br>(Month/I |          | Code (I   |   |                                |          | 6. Date E<br>Expiration (Month/I           | on Dat |                      | nd 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |  | Dei   | Price of<br>erivative<br>ecurity<br>estr. 5)               | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | Owr<br>Forr<br>Dire<br>or Ir<br>(I) (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                           | able   | Expiration<br>Date   | Title   | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |  |  |

## **Explanation of Responses:**

\$28.59

1. Represents shares acquired by the reporting person through contributions to the Employee Stock Purchase Plan of the Issuer (ESPP) for the calendar quarter. Pursuant to the ESPP, the price used for each quarterly purchase is the lower of 90% of the fair market of the Issuers shares on the first day of the calendar quarter or the closing price of the shares on the last day of the quarter.

(2)

Stock

11/16/2026

5,556

 $2. \ These \ options \ vest \ in \ four \ equal \ annual \ installments \ beginning \ one \ year \ after \ the \ 11/16/2016 \ date \ of \ grant.$ 

## Remarks:

Option

(right to buy)

/s/ Thompson Kevin 04/04/2017 /s/ Douglas J. Tucker, attorney-04/04/2017 in-fact

\*\* 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.

Know all by these presents, that the undersigned hereby constitutes and appoints each of Douglas

- J. Tucker, Stephanie Gurgel and Sarah Leonard as the undersigned's true and lawful attomey-in-fact to:
- (1) prepare, execute for and on behalf of the undersigned, and submit to the United States Securities and Exchange Commission (the "Commission") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the Commission of reports required by Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or any rule or regulation of the SEC;
- (2) execute for and on behalf of the undersigned, in the undersigned's capacity as a reporting person of Midland States Bancorp, Inc. (the "Company") pursuant to Section 16 of the Exchange Act and the rules thereunder, Forms 3, 4 and 5 in accordance with Section 16(a) of the Exchange Act and the rules thereunder;
- (3) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5, complete and execute any amendment or amendments thereto and file such form with the Commission and the applicable stock exchange or similar authority; and
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of any of such attomeys-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by any of such attomeys in-fact on behalf of the undersigned pursuant to this Power of Attomey shall be in such form and shall contain such terms and conditions as any of such attorneys-in-fact may approve in his or her discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to act separately and to do and perform any and every act and thing whatsoever requisite, necessruy, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confinning all that any of such attomeys-in-fact, or the substitute or substitutes of any of such attorneys-in-fact, shall lawfully do or cause to be done by viltue of this Power of Attomey and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 14th day of November, 2016.

/s/Kevin L. Thompson Signature