| SEC For   | rm 4  |  |   |         |   |  |  |     |   |                    |   |                                   |   |  |  |  |  |  |  |
|---|---|--|---|---------|---|--|--|-----|---|--------------------|---|-----------------------------------|---|--|--|--|--|--|--|
| FORM 4 UNITED S   |   |  |   | STA     | ATES SECURITIES AND EXCHANGE COMMISSION<br>Washington, D.C. 20549 |  |  |     |   |                    |   |                                   |   |  |  | OMB APPROVAL   |  |  |  |
| Section 16. Form 4 or Form 5<br>obligations may continue. See                           |   |  |   |         |   |  | NT OF CHANGES IN BENEFICIAL OWNERS   |     |   |                    |   |                                   |   |  |  | OMB Number: 3235-0287<br>Estimated average burden<br>hours per response: 0.5 |  |  |  |
| 1. Name and Address of Reporting Person <sup>*</sup><br>Brooke William W                |   |  |   |         | 2.1   | 2. Issuer Name and Ticker or Trading Symbol<br><u>MAXCYTE, INC.</u> [ MXCT ] |  |     |   |                    |   |                                   |   | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>X Director 10% Owner |  |  |  | ner  |  |
| (Last)<br>C/O MA  | Last) (First) (Middle)<br>C/O MAXCYTE, INC.                           |  |   |         | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/29/2022    |  |  |     |   |                    |   |                                   | <ul> <li>Officer (give title Other (specify below)</li> <li>below)</li> </ul>   |  |  |  |  | pecify   |  |
| 22 FIRSTFIELD ROAD, SUITE 110<br>(Street)<br>GAITHERSBURG MD 20878                      |   |  |   |         | 4. If Amendment, Date of Original Filed (Month/Day/Year)          |  |  |     |   |                    |   |                                   | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)<br>X Form filed by One Reporting Person<br>Form filed by More than One Reporting<br>Person |  |  |  |  |  |  |
| (City)  |   |  |   |         |   |  |  |     |   |                    |   |                                   |   |  |  |  |  |  |  |
| Table I - Non-Deriva       1. Title of Security (Instr. 3)     2. Transa Date (Month/D) |   |  |   |         | ction   | ı 2<br>l<br>ear) i   | 2A. Deemed<br>Execution Date<br>if any<br>(Month/Day/Yea   |     | 3.<br>Transacti<br>Code (Ins                | rities Acq         | or, or Beneticial<br>ities Acquired (A) or<br>d Of (D) (Instr. 3, 4 and |                                   | 5. Amount of<br>Securities<br>Beneficially<br>Owned Follo<br>Reported   |  | Form<br>(D) or   | : Direct c<br>r Indirect E<br>str. 4) 0                                      | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)        |  |  |
|   |   |  |   |         |   |  |  |     | Code V                                      |                    |   | <u> </u>                          | ce  | Transaction<br>(Instr. 3 and   |  |  |  |  |  |
|   |   | -  |   |         |   |  |  |     | uired, Dis<br>s, options                    |                    |   |                                   |   | wned   |  |  |  |  |  |
| 1. 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. Deemed<br>Execution I<br>if any<br>(Month/Day | ate, Tr | ransaction<br>ode (Instr.   |  | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D) (Instr.<br>3, 4 and 5) |     | 6. Date Exer<br>Expiration D<br>(Month/Day/ | ate                | of Securities   |                                   | De<br>Se  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Numbe<br>derivative<br>Securities<br>Beneficia<br>Owned<br>Following<br>Reported<br>Transacti<br>(Instr. 4) | e<br>s<br>Illy<br>g  | 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) |  |
|   |   |  |   | c       | ode   | v  | (A)  | (D) | Date<br>Exercisable                         | Expiration<br>Date | 1<br>Title  | Amor<br>or<br>Numl<br>of<br>Share | ber   |  |  |  |  |  |  |
| Stock<br>Option<br>(right to<br>buy)  | \$4.82  | 06/29/2022                                 |   |         | А   |  | 26,900   |     | (1)   | 06/28/203          | 2 Comm<br>Stock   |                                   | 00  | \$0.00   | 26,90  | 0  | D  |  |  |

Explanation of Responses:

1. This annual option grant was made pursuant to the Issuer's Equity Grant Policy for non-employee directors. The shares underlying this option vest on June 29, 2023, subject to the reporting person's continuous service as of such vesting date.

## Remarks:

## /s/ Brian F. Leaf, attorney-in-

fact

07/08/2022

\*\* 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.