| FORM 4 | 4 |
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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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02)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| (Print or Type Responses) | | | | | | | | | | | |
|---|---|--|--------------|---|--|------------------|---|---|--|-------------------------|--|
| 1. Name and Address of Reporting Pe Zaderej Karen L. | 2. Issuer Name and Ticker or Trading Symbol AxoGen, Inc. [AXGN] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X. Director 10% Owner | | | | |
| (Last) (First) 13631 PROGRESS BOULEVA | | 3. Date of Earliest Transaction (Month/Day/Year) 08/07/2018 | | | | | X Officer (give title below) Other (specify below) CEO | | | | |
| (Street) ALACHUA, FL 32615 | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | |) | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| (City) (State) | (Zip) | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | |
| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | Execution Date, if | (Instr. 8) I | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | |) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | Ownership Form: Bene Direct (D) Owne | Beneficial Ownership | |
| | | | Code | v | Amount | (A) or (D) | Price | | or Indirect (I) (Instr. 4) | (Instr. 4) | |
| Common Stock | 08/07/2018 | | F | | 10,060 (1) | D | \$ 39.3 | 407,970 | D | | |

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

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 control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

| (<i>e.g.</i> , puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | |
|---|-------------|------------------|--------------------|------------|-----|-----------|-------|--------------|--------------------|--------|----------|-------------|----------------|-------------|-------------|
| 1. Title of | 2. | 3. Transaction | 3A. Deemed | 4. | 5 | 5. Nui | mber | 6. Date Exer | cisable | 7. Tit | tle and | 8. Price of | 9. Number of | 10. | 11. Nature |
| Derivative | Conversion | Date | Execution Date, if | Transactio | n c | of | | and Expirati | on Date | Amo | unt of | Derivative | Derivative | Ownership | of Indirect |
| Security | or Exercise | (Month/Day/Year) | any | Code | Ι | Deriva | ative | (Month/Day | /Year) | Unde | erlying | Security | Securities | Form of | Beneficial |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | S | Securi | ities | | | Secu | rities | (Instr. 5) | Beneficially | Derivative | Ownership |
| | Derivative | | | | ŀ | Acqui | red | | | (Instr | r. 3 and | | Owned | Security: | (Instr. 4) |
| | Security | | | | (| (A) or | • | | | 4) | | | Following | Direct (D) | |
| | | | | | Ι | Dispo | sed | | | | | | Reported | or Indirect | |
| | | | | | C | of (D) |) | | | | | | Transaction(s) | (I) | |
| | | | | | | Instr. | · · | | | | | | (Instr. 4) | (Instr. 4) | |
| | | | | | 4 | 4, and 5) | | | | | | | | | |
| | | | | | | | | | | | Amount | | | | |
| | | | | | | | | Date | Expiration | | or | | | | |
| | | | | | | | | Exercisable | Expiration Date | Title | Number | | | | |
| | | | | | | | | Excicisable | Date | | of | | | | |
| | | | | Code V | 7 | (A) | (D) | | | | Shares | | | | |

Reporting Owners

| | Relationships | | | | | | |
|--|---------------|-----------|---------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| Zaderej Karen L. 13631 PROGRESS BOULEVARD SUITE 400 ALACHUA, FL 32615 | х | | CEO | | | | |

Signatures

| /s/Karen Zaderej | 08/09/2018 | |
|----------------------------------|------------|--|
| Signature of Reporting Person | Date | |

Explanation of Responses:

* 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).

This Form is being filed to report the delivery of shares of Common Stock of the Company for payment of tax liabilities that resulted from the exercise of a stock option (1) reported on Form 4 for the reporting person filed on August 6, 2018. The fair market value of the Company's Common Stock on the date of exercise of such stock option was \$39.25, and the amount of shares transferred to the Company on August 7, 2018 was based on the tax liability that accrued on the date of the exercise on August 2,

(1) was \$39.25, and the amount of shares transferred to the Company on August 7, 2018 was based on the tax liability that accrued on the date of the exercise on August 2, 2018.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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