FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Check this box if no longer subject to Section 16. Form 4 or Form 5 | STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
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| obligations may continue. See | |
| Instruction 1(b). | Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 |

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* LEE DAVID ASHLEY | | | | 2. Issuer Name and Ticker or Trading Symbol CRYOLIFE INC [CRY] | | | | | | | | | | eck all applic Directo Officer | ationship of Reporting all applicable) Director Officer (give title below) | | 10% Ow Other (s | /ner | |
|--|---|------------|--|---|----------------------------|------------|---|-------|--|-------|--|----------------|--|--------------------------------------|--|--|--------------------|--|---|
| | (Last) (First) (Middle) CRYOLIFE, INC. 1655 ROBERTS BLVD, NW | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/12/2018 | | | | | | | | | | , | Executive VI | | below) O & CFO | | |
| Street) KENNESAW GA 30144 (City) (State) (Zip) | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | | Individual or Joint/Group Filing (Check Applicable ne) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| | | Tab | le I - Non | -Deriva | tive | Secu | urities | s Acq | uired, [| Disp | osed o | f, or B | ene | ficiall | y Owned | | | | |
| Date | | | | 2. Transac Date (Month/Da | Ex Day/Year) if a | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Transaction D | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5) | | | A) or 3, 4 and | | es Form ally (D) o Following (I) (Ir | | n: Direct r Indirect istr. 4) | 7. Nature of Indirect Beneficial Ownership |
| | | | | | | | | | Code | v | Amount | (A) (D) | or | Price | Reported Transact (Instr. 3 a | ion(s) | | | (Instr. 4) |
| Common Stock 03/12/ | | | | /2018 | | 03/12/2018 | | A | | 8,507 | (1) | A | \$0 | 300,079 | | | D | | |
| | | - | Table II - D | | | | | | ired, Di options | | | | | | Owned | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | | 3A. Deemed Execution D if any (Month/Day/ | ate, Tra | Transaction Code (Insti | | | | 6. Date Exe Expiration I Month/Day | Date | | of Securities | | curity | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | у | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) |
| | | | | Co | ode V | , | (A) | | Date Exercisable | | xpiration ate | Title | or Ni of | umber | | | | | |
| Stock Option (Right to | \$21.55 | 03/12/2018 | 03/12/201 | 18 | A | | 21,877 | | 03/12/2019 | 0 | 3/12/2025 | Commo Stock | n 2: | 1,877 | \$0 | 21,877 | | D | |

Explanation of Responses:

1. Represents share of restricted stock that vest on the third anniversary of the grant date if the reporting person remains in the continuous employ of the Company.

03/14/2018

Date

** Signature of Reporting Person

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.