FORM 4

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

| OWR APPR | OVAL |
|--------------------|-----------|
| OMB Number: | 3235-0287 |
| Estimated average | burden |
| hours per respense | 0.5 |

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

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

| 1. Name and Address of Reporting Person* Kelly Steven | | 2. Issuer Name and Ticker or Trading Symbol ARTELO BIOSCIENCES, INC. [ARTL] | | | | 5 | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_Director 10% Owner | | | | | | | |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------|
| (Last) (First) (Middle) C/O ARTELO BIOSCIENCES, INC., 888 PROSPECT STREET, SUITE 210 (Street) LA JOLLA, CA 92037 | | | _ `_ ` | 3. Date of Earliest Transaction (Month/Day/Year) 08/29-06:00/2019 | | | | - | Officer (give title below) Other (specify below) 6. Individual or Joint/Group Filing/Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person uired, Disposed of, or Beneficially Owned | | | | | |
| | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | | | | |
| | (City) (State) (Zip) | | | Table I - Non-Derivative Securities Acqu | | | | | | | | | es Acquir | |
| 1.Title of Security (Instr. 3) | | 2. Transaction Date (Month/Day/Year | | | | (| 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | | d | Ownership of Borm: | Nature f Indirect eneficial | |
| | | | | (Month | /Day/Year | Coo | de V A | .mount (A) or | | (I) | | or Indirect (In | wnership nstr. 4) | |
| Reminder: | Report on a | separate line for each | a class of securities l | beneficia | lly owned | lirectly | Person in this | s who respo form are not s a currently | required | to respond | unless the | | ned SEC 14 | 74 (9-02) |
| Reminder: | Report on a | separate line for each | n class of securities l | beneficial | lly owned | lirectly | or indirectly | | | | | | | |
| Title of Derivative | 2. Conversion | 3. Transaction | Table II - 3A. Deemed Execution Date, if | Derivati (e.g., pur 4. Transac | ive Securits, calls, w | ies Acq arrants mber rivative | Person in this display quired, Disp, options, co | s who respo form are not s a currently osed of, or Ber nvertible secu creisable and Date | required valid Of orities) 7. Title of Under | to respond MB control r Dwned and Amount orlying | 8. Price of Derivative | 9. Number of Derivative | of 10. Ownership | 11. Natur |
| 1. Title of | 2. | 3. Transaction Date | Table II - 3A. Deemed Execution Date, if | Derivati (e.g., put 4. Transac Code | ive Securits, calls, w 5. Nu of De Securition Acqu | ies Acq arrants mber rivative ities ared (A) sposed | Person in this display quired, Display options, co | s who respo form are not s a currently osed of, or Ber nvertible secu creisable and Date | required valid Officially (rities) | to respond MB control r Dwned and Amount orlying es | unless the number. | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction | of 10. Ownership Form of Derivative Security: Direct (D) or Indirect (s) (I) | 11. Natur of Indirec Beneficia Ownershi (Instr. 4) |
| 1. Title of Derivative Security | 2. Conversion or Exercise Price of Derivative | 3. Transaction | Table II - 3A. Deemed Execution Date, if any | Derivati (e.g., put 4. Transac Code | 5. Nu tion of De Securi Acqu or Di of (D (Instr | ies Acq arrants mber rivative ities red (A) sposed | Person in this display quired, Display options, co | s who respo form are not s a currently osed of, or Ben nvertible secu recisable and Date y/Year) | required valid ON reficially (rities) 7. Title of Unde Securiti | to respond MB control r Dwned and Amount orlying es | 8. Price of Derivative Security | 9. Number of Derivative Securities Beneficially Owned Following Reported | of 10. Ownership Form of Derivative Security: Direct (D) or Indirect | 11. Natur of Indirec Beneficia Ownersh (Instr. 4) |

Reporting Owners

| | Relationships | | | | |
|------------------------------------------------------------------------------------------------------|---------------|--------------|---------|-------|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | |
| Kelly Steven C/O ARTELO BIOSCIENCES, INC. 888 PROSPECT STREET, SUITE 210 LA JOLLA, CA 92037 | X | | | | |

Signatures

| /s/ Gregory D. Gorgas, as Attorney-in-Fact | 08/30-06:00/2019 |
|--------------------------------------------|------------------|
| **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).

Subject to the Reporting Person continuing to be a Service Provider (as such term is defined in the Issuer's 2018 Equity Incentive Plan) through such applicable vesting date, one hundred (1) percent (100%) of the shares subject to the option shall vest on the earlier to occur of (i) the date six (6) months from August 29, 2019 or (ii) the date immediately preceding the 2020 annual meeting of stockholders.

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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.