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INITIAL STATEMENT OF 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 * <u>Spring Mark Edward</u> (Last) (First) (Middle) <u>C/O ARTELO BIOSCIENCES, INC.,</u> <u>505 LOMAS SANTA FE, SUITE 160</u> (Street) <u>SOLANA</u> <u>CA</u> <u>92075</u> <u>BEACH</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>11/01/2025</u>	3. Issuer Name and Ticker or Trading Symbol <u>ARTELO BIOSCIENCES, INC. [ARTL]</u> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>Chief Financial Officer</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<u>Stock Option (right to buy)</u>	(1)	<u>07/02/2035</u>	<u>Common Stock</u>	<u>5,000</u>	<u>11.03</u>	<u>D</u>	
<u>Stock Option (right to buy)</u>	(2)	<u>07/02/2035</u>	<u>Common Stock</u>	<u>2,500</u>	<u>11.03</u>	<u>D</u>	

Explanation of Responses:

1. 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 each such applicable vesting date, one forty-eighth (1/48th) of the shares subject to the option shall vest each month following the Vesting Commencement Date on the same day of the month as the Vesting Commencement Date, such that the option shall be fully vested on the four (4) year anniversary of the Vesting Commencement Date. Vesting Commencement Date shall mean January 1, 2025.
2. 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 each such applicable vesting date, fifty percent (50%) of the shares subject to the option shall vest January 1, 2026 and the remaining fifty percent (50%) of the shares subject to the option shall vest January 1, 2027.

Remarks:

Exhibit 24 - Power of Attorney

/s/ Gregory D. Gorgas, as
Attorney-in-Fact

11/17/2025

** 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 5 (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.