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| hours per response:      | 0.5       |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

|  |  |  |   |
|--|--|--|---|
| 1. Name and Address of Reporting Person *<br><br><u>Scholla Chris</u><br><br>(Last) (First) (Middle)<br><br><u>5918 W. COURTYARD DRIVE</u><br><u>SUITE 500</u><br><br>(Street)<br><br><u>AUSTIN TX 78730</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>Atlas Energy Solutions Inc. [ AESI ]</u> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director <input checked="" type="checkbox"/> 10% Owner<br><br><input checked="" type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below)<br><br><u>COO / Member of 10% Owner Group</u> |   |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>03/13/2025</u>                      |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><br>Form filed by More than One Reporting Person |
|  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                   |  |   |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 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) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock                    | 03/13/2025                           |  | A <sup>(1)</sup>               |   | 48,433  | A          | \$0     | 573,503   | D  |   |
| Common Stock                    | 03/17/2025                           |  | F <sup>(2)</sup>               |   | 2,255   | D          | \$17.26 | 571,248   | D  |   |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |   |  |

Explanation of Responses:

1. Award of restricted stock units pursuant to the Atlas Energy Solutions Inc. 2023 Long Term Incentive Plan. The award vests in three equal installments on March 13, 2026, March 13, 2027, and March 13, 2028, subject to continued employment through each vesting date.
2. Reflects shares withheld upon vesting of restricted stock units to satisfy tax withholding obligations.

Remarks:

Member of 10% owner group

/s/ Chris Scholla, by Dathan C. Voelter as Attorney-in-Fact 03/17/2025  
\*\* 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 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.