FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OI | MВ | AP | PR | O | /Α |
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| OMB Number: | 3235-0287 |
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| hours per response: | 0.5 |

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

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

| 10b5-1(c). See | Instruction 10. | | | |
|--------------------|--|------------------|--|--|
| | | son [*] | 2. Issuer Name and Ticker or Trading Symbol Atlas Energy Solutions Inc. [AESI] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |
| (Last) 5918 W. COU | (First) JRTYARD DRIVE | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 03/25/2025 | Director X 10% Owner X Officer (give title X Other (specify below) COO / Member of 10% Owner Group |
| SUITE 500 | ast) (First) (Middle) 18 W. COURTYARD DRIVE UITE 500 | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) |
| (Street) AUSTIN | 918 W. COURTYARD DRIVE UITE 500 treet) USTIN TX | 78730 | | 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) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transac Code (Ir 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership |
|---------------------------------|--|---|---------------------------------|---|--|---------------|---------|--|---|-------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 03/25/2025 | | F | | 2,201(1) | D | \$18.09 | 569,047 | 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 | Conversion or Exercise Price of Derivative | Conversion or Exercise Price of Derivative | 3A. Deemed Execution Date, if any (Month/Day/Year) | | | 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) | | Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported | Ownership Form: Direct (D) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|---|---|---|---|-----|-----|--|--------------------|--|-------------------------------------|--|------------------------------|--------------------------------------|--|----------------------------------|--|
| | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | | | |

Explanation of Responses:

1. 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

03/26/2025

** 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.