FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

hours per response:

| OMB Number: | 3235-0287 |
|----------------------|-----------|
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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. | | | | | | | | |
|--------------------------------|------------------------|----------|---|--|--|--|--|--|--|
| Name and Addr Leveille Bri | ress of Reporting Pers | son * | 2. Issuer Name and Ticker or Trading Symbol Atlas Energy Solutions Inc. [AESI] | Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
| | | | 3. Date of Earliest Transaction (Month/Day/Year) | Director X 10% Owner | | | | | |
| | | (Middle) | 01/02/2025 | Officer (give title X Other (specify below) | | | | | |
| 5918 W. COU | RTYARD DRIVE | | | Member of 10% Owner Group | | | | | |
| SUITE 500 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| (Street) | | | | X Form filed by One Reporting Person | | | | | |
| ` ' | | | | Form filed by More than One Reporting Person | | | | | |
| AUSTIN | TX | 78730 | | | | | | | |
| (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) | Transaction Code (Instr. | | 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 | 01/02/2025 | S | | 5,000 | D | \$23 | 404,510 | 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 | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transac Code (Ir 8) | | 5. Num Derivat Securit Acquire or Disp (D) (Ins and 5) | ive ies ed (A) osed of | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | and 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 | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 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:

Remarks:

Member of 10% owner group

/s/ Brian Anthony Leveille

01/06/2025

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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.

 $^{^{\}star}$ 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).