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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 *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
<u>Voelter Dathan C</u>	<u>Atlas Energy Solutions Inc. [AESI]</u>	Director ☒ 10% Owner
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year)	☒ Officer (give title below) ☒ Other (specify below)
<u>5918 W. COURTYARD DRIVE</u>	<u>03/04/2026</u>	<u>General Counsel and Secretary / Member of 10% Owner Group</u>
<u>SUITE 500</u>	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)
(Street)		☒ Form filed by One Reporting Person
<u>AUSTIN TX 78730</u>		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. 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	03/04/2026		A		60,545 ⁽¹⁾	A	\$0	477,504	D	
Common Stock	03/04/2026		A		27,778 ⁽²⁾	A	\$0	505,282	D	
Common Stock	03/06/2026		F		7,279 ⁽³⁾	D	\$9.91	498,003	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		Date Exercisable	Expiration Date					
									Amount or Number of Shares				

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 4, 2027, March 4, 2028, and March 4, 2029, subject to continued employment through each vesting date.

2. Award of performance share units ("PSUs") pursuant to the Atlas Energy Solutions Inc. Long Term Incentive Plan. The award vested on March 4, 2026, subject to certified performance and authorized settlement by the Compensation Committee of the Issuer with respect to PSUs originally granted on March 13, 2023, which vested based on the Issuer's absolute and relative shareholder return and Return on Capital Employed Performance over a three year period.

3. Reflects shares withheld upon vesting of PSUs to satisfy tax withholding obligations.

Remarks:

Member of 10% owner group

/s/ Dathan C. Voelter 03/06/2026
** 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.