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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).

1. Name and Address of Reporting Person * <b>BRIGHAM BEN M</b>  (Last) (First) (Middle) <b>5918 W. COURTYARD DRIVE</b> <b>SUITE 500</b>  (Street) <b>AUSTIN TX 78730</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>Atlas Energy Solutions Inc. [ AESI ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Exec Chairman &amp; CEO</b>
	3. Date of Earliest Transaction (Month/Day/Year) <b>05/26/2023</b>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

**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			
Class A Common Stock	05/26/2023		P		10,000	A	\$16.29 <sup>(1)</sup>	290,000	D	
Class A Common Stock								2,255,395	I	See Footnote <sup>(2)</sup>
Class A Common Stock								36,892,106	I	See Footnote <sup>(3)</sup>

**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:**

- The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$16.11 to \$16.39, inclusive. The reporting person undertakes to provide to Atlas Energy Solutions Inc., any security holder of Atlas Energy Solutions Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the range set forth in this footnote (1) to this Form 4.
- Includes 2,255,395 shares of Class A Common Stock held by Atlas Sand Holdings, LLC ("Holdings") of which Mr. Brigham may be deemed to share the right to direct the voting or disposition of the shares held thereby as the sole manager of Atlas Sand Management Company, LLC ("ASMC"), the managing member of Holdings. Mr. Brigham disclaims beneficial ownership of the shares held by Holdings except to the extent of his pecuniary interest therein, if any.
- Includes 36,892,106 shares of Class A Common Stock held by Atlas Sand Holdings II, LLC ("Holdings II") of which Mr. Brigham may be deemed to share the right to direct the voting or disposition of the shares held thereby as the sole manager of Atlas Sand Management Company II, LLC, the managing member of Holdings II. Mr. Brigham disclaims beneficial ownership of the shares held by Holdings II except to the extent of his pecuniary interest therein, if any.

**Remarks:**

/s/ Ben M. Brigham, by Dathan C. Voelter as Attorney-in-Fact 05/31/2023

\*\* 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.