

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person* Sloss Dakin (Last) (First) (Middle) P.O. BOX 12829 (Street) JACKSON, WY 83002 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 12/30/2021	3. Issuer Name and Ticker or Trading Symbol Heliogen, Inc. [HLGN]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)
			6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	19,930,277	I	See footnote (1)
Common Stock	6,668,457	I	See footnote (2)

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

SEC 1473 (7-02)

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 control number.

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sloss Dakin P.O. BOX 12829 JACKSON, WY 83002		X		
Prime Movers Lab Fund I LP P.O. BOX 12829 JACKSON, WY 83002		X		
Heliogen PML SPV 1 LP P.O. BOX 12829 JACKSON, WY 83002		X		

Signatures

/s/ Dakin Sloss /s/ Taylor Frankel, Authorized Person		06/30/2022
Signature of Reporting Person		Date
/s/ Prime Movers Lab Fund I LP /s/ Taylor Frankel, Authorized Person		06/30/2022
Signature of Reporting Person		Date
/s/ Heliogen PML SPV 1 LP /s/ Taylor Frankel, Authorized Person		06/30/2022
Signature of Reporting Person		Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

Shares are held by Prime Movers Lab Fund I LP ("PML"). Prime Movers Lab GP I LLC ("PML GP") is the general partner of PML. Dakin Sloss is the manager of PML GP (1) and may be deemed to have or share beneficial ownership of the shares held by PML. Mr. Sloss disclaims any beneficial ownership of the securities reported herein for purposes of Section 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), except to the extent of its pecuniary interest therein.

Shares held by Heliogen PML SPV 1 LP ("Heliogen PML"). Prime Movers Lab GP II LLC ("PML GP II") is the general partner of Heliogen PML. Dakin Sloss is the (2) manager of PML GP II and may be deemed to have or share beneficial ownership of the shares held by Heliogen PML. Mr. Sloss disclaims any beneficial ownership of the securities reported herein for purposes of Section 16 of the Exchange Act, except to the extent of its pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.