FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| hours per response       | : 0.5     |  |  |  |  |  |  |  |  |

|        | Check this box if no longer subjec |
|--------|------------------------------------|
| $\neg$ | to Section 16. Form 4 or Form 5    |
| _      | obligations may continue. See      |
|        | Instruction 1(b).                  |

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

|                                                                                                                 |                              |        |           |                                                       | 01 30                                                       | CHOIT                                                                            | 0(11)                                   | i uic i | iivesiiiei                                     | ii Co                                         | прапу Аст с                            | 71340                                                                                     |                                                                  |                                                             |                                                                                   |                                                                   |                                                                          |                                                                    |  |
|-----------------------------------------------------------------------------------------------------------------|------------------------------|--------|-----------|-------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------|---------|------------------------------------------------|-----------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|--|
| Name and Address of Reporting Person*     OLDHAM LARRY                                                          |                              |        |           |                                                       |                                                             | 2. Issuer Name <b>and</b> Ticker or Trading Symbol HighPeak Energy, Inc. [ HPK ] |                                         |         |                                                |                                               |                                        |                                                                                           |                                                                  | 5. Relationship of Report<br>(Check all applicable)         |                                                                                   |                                                                   | erson(s) to I                                                            |                                                                    |  |
| (Last)                                                                                                          | (F                           | irst)  | (Mido     | dle)                                                  | 3. Date of Earliest Transaction (Month/Day/Year) 07/19/2023 |                                                                                  |                                         |         |                                                |                                               |                                        |                                                                                           |                                                                  | Of                                                          | Officer (give title below)                                                        |                                                                   | Other (s                                                                 |                                                                    |  |
| 421 W. 3RD STREET, SUITE 1000                                                                                   |                              |        |           |                                                       | 4. If A                                                     | 4. If Amendment, Date of Original Filed (Month/Day/Year)                         |                                         |         |                                                |                                               |                                        |                                                                                           |                                                                  | 6. Individual or Joint/Group Filing (Check Applicable Line) |                                                                                   |                                                                   |                                                                          |                                                                    |  |
| (Street)<br>FORT W                                                                                              | (Street) FORT WORTH TX 76102 |        |           |                                                       |                                                             |                                                                                  |                                         |         |                                                |                                               |                                        |                                                                                           |                                                                  |                                                             | X Form filed by One Reporting Person Form filed by More than One Reporting Person |                                                                   |                                                                          |                                                                    |  |
| (City)                                                                                                          | (5                           | State) | (Zip)     |                                                       | Rul                                                         | Rule 10b5-1(c) Transaction Indication                                            |                                         |         |                                                |                                               |                                        |                                                                                           |                                                                  |                                                             |                                                                                   |                                                                   |                                                                          |                                                                    |  |
| Check this box to indicate that a transaction was made satisfy the affirmative defense conditions of Rule 10b5- |                              |        |           |                                                       |                                                             |                                                                                  |                                         |         |                                                | nade pi<br>.0b5-1(                            | ursuant to<br>c). See Ins              | ant to a contract, instruction or written plan that is intended to<br>See Instruction 10. |                                                                  |                                                             |                                                                                   |                                                                   |                                                                          |                                                                    |  |
|                                                                                                                 |                              | Ta     | ble I - I | Non-Deriva                                            | tive S                                                      | ecui                                                                             | rities                                  | Acq     | uired,                                         | Dis                                           | posed of                               | , or I                                                                                    | Benefic                                                          | ially O                                                     | vned                                                                              |                                                                   |                                                                          |                                                                    |  |
| 1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day)                                                  |                              |        |           | Execution Date,                                       |                                                             |                                                                                  | Transaction Disposed Of Code (Instr. 5) |         |                                                | es Acquired (A) or<br>Of (D) (Instr. 3, 4 and |                                        | and Sec<br>Ber<br>Ow                                                                      | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following |                                                             | n: Direct<br>or<br>ect (I)                                                        | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                                                                          |                                                                    |  |
|                                                                                                                 |                              |        |           |                                                       |                                                             |                                                                                  |                                         |         | Code                                           | v                                             | Amount (A) (C)                         |                                                                                           | or Pric                                                          | Rep<br>Trai                                                 | orted<br>nsaction(s)<br>tr. 3 and 4)                                              |                                                                   |                                                                          | . ,                                                                |  |
| Common Stock, par value \$0.0001 per share 07/19/20                                                             |                              |        |           | 023                                                   |                                                             |                                                                                  | P                                       |         | 28,500 <sup>(1)</sup>                          |                                               | A \$1                                  | 0.5                                                                                       | 28,500                                                           |                                                             | I                                                                                 | See<br>Footnote<br>(2) <sup>(2)</sup>                             |                                                                          |                                                                    |  |
| Common Stock, par value \$0.0001 per share                                                                      |                              |        |           |                                                       |                                                             |                                                                                  |                                         |         |                                                |                                               |                                        |                                                                                           | 43,433                                                           |                                                             | D                                                                                 |                                                                   |                                                                          |                                                                    |  |
|                                                                                                                 |                              |        | Table     | II - Derivati<br>(e.g., pu                            |                                                             |                                                                                  |                                         |         |                                                |                                               | osed of,<br>convertib                  |                                                                                           |                                                                  |                                                             | ned                                                                               |                                                                   |                                                                          |                                                                    |  |
| 1. Title of Derivative Security (Instr. 3)  2. Conversion Exercic Price of Derivative Security                  |                              |        | ear) Ex   | A. Deemed<br>Recution Date,<br>any<br>Ionth/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8)                     |                                                                                  |                                         |         | 6. Date Exerc<br>Expiration Da<br>(Month/Day/V |                                               | ate                                    | Amor<br>Secu<br>Unde<br>Deriv<br>Secu                                                     | rlying<br>ative<br>rity<br>. 3 and 4)                            | 8. Price<br>Derivatin<br>Security<br>(Instr. 5)             |                                                                                   | is<br>illy                                                        | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|                                                                                                                 |                              |        | Code      | v                                                     | (A)                                                         | (D)                                                                              | Date<br>Exercisa                        | able    | Expiration<br>Date                             | Title                                         | Amount<br>or<br>Number<br>of<br>Shares |                                                                                           |                                                                  |                                                             |                                                                                   |                                                                   |                                                                          |                                                                    |  |

## Explanation of Responses:

1. Represents shares of HighPeak Energy, Inc. (the "Issuer") common stock, par value \$0.0001 per share ("Common Stock") purchased by the Reporting Person's personal investment vehicle from Roth Capital Partners, LLC (the "Underwriter") in an underwritten public offering conducted by the Issuer pursuant to an Underwriting Agreement between the Issuer and the Underwriter.

2. Shares held by Reporting Person's family limited partnership.

/s/ Steven W. Tholen as
Attorney in Fact for Larry C 07/21/2023
Oldham

\*\* 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.