

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

| OMB APPROVAL                                 |           |
|----------------------------------------------|-----------|
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☐ 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*<br><u>Dean Robert Alan</u><br><br><div>(Last) (First) (Middle)</div> <u>405 S. 8THSTREET, STE 201</u><br><br><div>(Street)</div> <u>BOISE</u> <u>IDAHO</u> <u>83702</u><br><br><div>(City) (State) (Zip)</div><br><u>UNITED STATES</u><br><br><div>(Country)</div> | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>PERPETUA RESOURCES CORP.</u> [ <u>PPTA</u> ] |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><div><input checked="" type="checkbox"/> Director 10% Owner</div> <div>Officer (give title below) Other (specify below)</div> |  |
|                                                                                                                                                                                                                                                                                                             | 2a. Foreign Trading Symbol                                                                            |  |                                                                                                                                                                                                             |  |
|                                                                                                                                                                                                                                                                                                             | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>06/25/2026</u>                                 |  |                                                                                                                                                                                                             |  |
|                                                                                                                                                                                                                                                                                                             | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                              |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><div><input checked="" type="checkbox"/> Form filed by One Reporting Person</div> <div>Form filed by More than One Reporting Person</div>    |  |
|                                                                                                                                                                                                                                                                                                             |                                                                                                       |  |                                                                                                                                                                                                             |  |

| 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) |  |
|                                                                                                                                              |  |                                                        |                                      |                                                    |                                |                                                    |                                                                                        |                                |                                                          |                                                                   |                                                                                   |       |                                                                                               |                                                                                                    |                                                           |                                                        |                                                       |  |
| 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) |                                                       |  |
|                                                                                                                                              |  |                                                        |                                      |                                                    |                                |                                                    |                                                                                        |                                |                                                          |                                                                   |                                                                                   |       |                                                                                               |                                                                                                    |                                                           |                                                        |                                                       |  |
| Deferred Share Units                                                                                                                         |  | (1)                                                    | 06/25/2026                           |                                                    | A                              |                                                    | 1,006                                                                                  |                                | (1)                                                      | (1)                                                               | Common Shares                                                                     | 1,006 | \$21.12 <sup>(2)</sup>                                                                        | 68,772                                                                                             | D                                                         |                                                        |                                                       |  |

**Explanation of Responses:**

1. A deferred share unit ("DSU") entitles the holder to receive one common share of Perpetua Resources Corp. (the "Issuer") (or, at the election of the holder and subject to the approval of the administrator of the Issuer's Omnibus Equity Incentive Plan, cash equal to the value thereof on the date of settlement) for each DSU. The Reporting Person elected to receive DSUs in lieu of a cash retainer for his service during the second quarter of 2026. The DSUs are fully vested as of the date of grant and will be settled following the reporting person's separation from service.

2. Based on the closing price of the Issuer's Common Shares on the Nasdaq Capital Market on June 24, 2026.

/s/ Tanya Nelson, as attorney-in-fact for Robert Dean

06/26/2026

\*\* Signature of Reporting PersonDate

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.

\* Form 4: SEC 1474 (03-26)