FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| Name and Address of Reporting Person* Ziegler John A. | | | | | 2. Issuer Name and Ticker or Trading Symbol ARCH RESOURCES, INC. [ARCH] | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Other (specify | | | | | | |
|--|---|--|--------|-----------------------------------|---|---|---|-------------------------|--|------------------------------|---|-----------------------|---|--------------------------------------|--|-------|--|--|--|
| (Last) | (Last) (First) (Middle) ONE CITYPLACE DRIVE | | | | 3. Date of Earliest Transaction (Month/Day/Year) 12/01/2023 | | | | | | | | X | below) Sr. VP & Chief | | f Adı | below) | · | |
| SUITE 300 | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) ST. LOUIS MO 63141 | | | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| (City) | (Sta | ate) (Z | Zip) | | Rule 10b5-1(c) Transaction Indication 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 - No | n-Deriva | tive S | Secui | rities | Acc | uired | , Dis | posed of | , or B | enefici | ially | Own | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day | | | | Execution Date, | | 3. Transaction Code (Instr. 8) 4. Securities Acquired (A Disposed Of (D) (Instr. 3, 5) | | | | 4 and Secur Benef Owne | | cially I Following | Forn (D) o | n: Direct or Indirect nstr. 4) | 7. Nature of Indirect Beneficial Ownership | | | | |
| | | | | | | | | Code | v | Amount | (A) or (D) | Price | | | action(s) 3 and 4) | | | (Instr. 4) | |
| Common Stock 12/0 | | | | 12/01/2 | 2023 | | | S ⁽¹⁾ | | 5,000 | D | \$175 | 175.03 | | 22,750 | | 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) | if any | emed tion Date, n/Day/Year) | 4. Transa Code (8) | instr. | nstr. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) Date Expiration Exercisable Date | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) Amount or Number of Title Shares | | 8. Price of Derivative Security (Instr. 5) | | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | y | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |

Explanation of Responses:

1. The sales of shares was pursuant to the reporting person's pre-existing Rule 10b5-1 trading plan and represents an automatic sale to cover tax obligations and for other purposes.

Remarks:

/s/ Rosemary L. Klein, Attorney-in-Fact

12/01/2023

** 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.