FORM 4

UNITED STATES

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden

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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

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

intende defens	ed to satisfy the e conditions of struction 10.																			
1. Name and Address of Reporting Person* <u>Butcher Pamela R</u>						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					
(Last) (First) (Middle) ONE CITYPLACE DRIVE						3. Date of Earliest Transaction (Month/Day/Year) 11/26/2024									Officer (give title Other (spec below) 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 63			63141		,											filed by Mo		orting Person n One Repo		
(City) (State) (Zip)																				
		Tab	le I - No	n-Deriv	ative	Se	curitie	es Acc	quired,	Dis	posed (of, or	Ber	neficia	lly Owne	d				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)						ar) E	2A. Deemed Execution Date, if any (Month/Day/Yea		Code (Instr. 5)					d (A) or tr. 3, 4 and	Benefici Owned I	es ally Following	Form (D) o	Ownership orm: Direct O) or Indirect) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount		(A) or (D)	Price	Reporte Transac (Instr. 3	tion(s)			(Instr. 4)	
		Т							uired, D , option						/ Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Executior if any (Month/Da	Date,	4. Transa Code (8)		of		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Securit (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)		Date Exercisabl		xpiration ate	Title		Amount or Number of Shares						
Dividend Equivalent	(1)(2)	11/26/2024			A		2		(3)		(3)	Class		2	\$0	28		D		

Explanation of Responses:

- 1. The reporting person has elected to reinvest dividend equivalents paid on outstanding restricted stock units ("RSUs") into additional RSUs.
- 2. Each dividend equivalent right is the economic equivalent of one share of Class A Common Stock of Arch Resources, Inc. (the "Issuer").
- 3. The dividend equivalent rights accrued on restricted stock units held by the reporting person and will vest proportionately with the restricted stock units to which they relate. Vested shares are scheduled to be delivered to the reporting person on the earlier of the third month anniversary of the date of the reporting person's separation of service from the Board or the date of the occurrence of a Change of Control.

/s/ Rosemary L. Klein, 11/27/2024 Attorney-in-Fact

** Signature of Reporting Person

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.