

# SECURITIES AND EXCHANGE COMMISSION

## Washington, D.C. 20549

### SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

BKV Corporation

(Name of Issuer)

Common Stock, par value \$0.01 per share

(Title of Class of Securities)

05603J108

(CUSIP Number)

09/30/2025

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

☒ Rule 13d-1(b)

☐ Rule 13d-1(c)

☐ Rule 13d-1(d)

### SCHEDULE 13G

CUSIP No. 05603J108

|   |                                                                                                                                            |
|---|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Names of Reporting Persons</b><br>Mountain Capital Management, LLC                                                                      |
| 2 | <b>Check the appropriate box if a member of a Group (see instructions)</b><br><input type="checkbox"/> (a)<br><input type="checkbox"/> (b) |
| 3 | <b>Sec Use Only</b>                                                                                                                        |
| 4 | <b>Citizenship or Place of Organization</b><br>DELAWARE                                                                                    |

|                                                                    |                                                                                                                     |                                          |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Number of Shares Beneficially Owned by Each Reporting Person With: | 5                                                                                                                   | Sole Voting Power<br>0.00                |
|                                                                    | 6                                                                                                                   | Shared Voting Power<br>5,233,957.00      |
|                                                                    | 7                                                                                                                   | Sole Dispositive Power<br>0.00           |
|                                                                    | 8                                                                                                                   | Shared Dispositive Power<br>5,233,957.00 |
| 9                                                                  | Aggregate Amount Beneficially Owned by Each Reporting Person<br>5,233,957.00                                        |                                          |
| 10                                                                 | Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)<br><input type="checkbox"/> |                                          |
| 11                                                                 | Percent of class represented by amount in row (9)<br>5.82 %                                                         |                                          |
| 12                                                                 | Type of Reporting Person (See Instructions)<br>IA                                                                   |                                          |

**Comment for Type of Reporting Person:** (1) Calculated based on 89,970,076 shares of common stock, par value \$0.01 per share (the "Common Stock"), of BKV Corporation, a Delaware corporation (the "Issuer"), outstanding as of November 5, 2025, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 10, 2025.

## SCHEDULE 13G

### Item 1.

- (a) **Name of issuer:**  
BKV Corporation
- (b) **Address of issuer's principal executive offices:**  
1200 17th Street, Suite 2100, Denver, CO 80202

### Item 2.

- (a) **Name of person filing:**  
This statement is filed by Mountain Capital Management, LLC, referred to herein as the "Reporting Person."
- (b) **Address or principal business office or, if none, residence:**  
811 Louisiana Street, Suite 2600, Houston, TX 77002
- (c) **Citizenship:**  
See response to Item 4 on the cover page.
- (d) **Title of class of securities:**  
Common Stock, par value \$0.01 per share
- (e) **CUSIP No.:**  
05603J108

### Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

- (d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) ☒ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

**Item 4. Ownership**

**(a) Amount beneficially owned:**

[See response to Item 9 on the cover page.](#)

The reported securities are directly held by Bedrock Energy Partners, LLC, an indirect subsidiary of the Reporting Person. The Reporting Person, through various subsidiary entities, indirectly owns and controls the reported securities.

**(b) Percent of class:**

[See response to Item 11 on the cover page.](#) %

**(c) Number of shares as to which the person has:**

**(i) Sole power to vote or to direct the vote:**

[See response to Item 5 on the cover page.](#)

**(ii) Shared power to vote or to direct the vote:**

[See response to Item 6 on the cover page.](#)

**(iii) Sole power to dispose or to direct the disposition of:**

[See response to Item 7 on the cover page.](#)

**(iv) Shared power to dispose or to direct the disposition of:**

[See response to Item 8 on the cover page.](#)

**Item 5. Ownership of 5 Percent or Less of a Class.**

**Item 6. Ownership of more than 5 Percent on Behalf of Another Person.**

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than 5 percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

[Please see response to Item 4 above.](#)

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.**

[Not Applicable](#)

**Item 8. Identification and Classification of Members of the Group.**

[Not Applicable](#)

**Item 9. Notice of Dissolution of Group.**

Not Applicable

**Item 10. Certifications:**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under ?? 240.14a-11.

**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Mountain Capital Management, LLC

**Signature:** /s/ Sam Oh

**Name/Title:** Sam Oh/President and Chief Investment Officer

**Date:** 11/13/2025