

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF THE
SECURITIES EXCHANGE ACT OF 1934**

QEP RESOURCES, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State of Incorporation
or Organization)

1050 17th Street, Suite 500, Denver, Colorado
(Address of Principal Executive Offices)

87-0287750
(IRS Employer
Identification No.)

80265
(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

**Title of each class
to be so registered**

Common Stock, par value \$0.01

**Name of each exchange on which
each class is to be registered**

New York Stock Exchange

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

Securities Act registration statement file number to which this form relates: Not applicable

Securities to be registered pursuant to Section 12(g) of the Act:

None

(Title of Class)

ITEM 1 DESCRIPTION OF SECURITIES TO BE REGISTERED.

A complete description of the common stock, par value \$0.01 per share, of QEP Resources, Inc. (the "**Company**") to be registered hereunder is contained under "Item 5.03. Amendments to Articles of Incorporation or Bylaws; Change in Fiscal Year." in the Form 8-K/12g-3 (File No. 000-30321) of the Company, filed with the Securities and Exchange Commission on May 24, 2010. Such description is hereby incorporated by reference and any description included in a form of prospectus subsequently filed by the Company pursuant to Rule 424(b) under the Securities Act of 1933, as amended, shall be deemed to be incorporated by reference herein.

ITEM 2. EXHIBITS

1. Certificate of Incorporation of the Company dated May 18, 2010 (incorporated by reference to Exhibit 3.1 of QEP Resources, Inc.'s Current Report on Form 8-K/12g-3 filed May 24, 2010).
2. Amended and Restated Bylaws of the Company, deemed effective May 18, 2010 (incorporated by reference to Exhibit 3.2 of QEP Resources, Inc.'s Current Report on Form 8-K/12g-3 filed May 24, 2010).

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned hereunto duly authorized.

QEP RESOURCES, INC.

Date: June 15, 2010

/s/ CHARLES B. STANLEY

Charles B. Stanley
President and Chief Executive Officer