UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 8-K

Current Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 11, 2010

BARNWELL INDUSTRIES, INC. (Exact Name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction of Incorporation)

1-5103 (Commission File Number) 72-0496921 (IRS Employer Identification No.)

1100 Alakea Street, Suite 2900 Honolulu, Hawaii 96813 (Address of Principal Executive Offices) (Zip Code)

(808) 531-8400 (Registrant's Telephone Number, Including Area Code)

Not Applicable (Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02 Results of Operations and Financial Condition.

On August 11, 2010, Barnwell Industries, Inc. issued a press release announcing its financial results for its fiscal quarter ended June 30, 2010. A copy of such press release is furnished as Exhibit 99.1 to this Current Report.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit Description

No.

99.1 Press release dated August 11, 2010

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: August 11, 2010

BARNWELL INDUSTRIES, INC.

By: /s/ Russell M. Gifford

Name: Russell M. Gifford Title: Executive Vice

> President and Chief Financial

Officer

Exhibit Index

Exhibit Description

No.

99.1 Press release dated August 11, 2010