

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 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) **January 6, 2009**

Fifth Street Finance Corp.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

814-00755
(Commission File Number)

26-1219283
(IRS Employer Identification No.)

White Plains Plaza
445 Hamilton Avenue, Suite 1206
White Plains, NY

(Address of principal executive offices)

10601
(Zip Code)

Registrant's telephone number, including area code: **(914) 286-6811**

(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:

- 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)
 Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01. Other Events.

On January 6, 2009 the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

Exhibit 99.1. Press release dated January 6, 2009

SIGNATURE

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

Fifth Street Finance Corp.

(Registrant)

January 6, 2009

(Date)

/s/ WILLIAM H. CRAIG

Exhibit Index

99.1 Press release dated January 6, 2009

Fifth Street Finance Corp. Announces Its Renewal of a \$50,000,000 Revolving Credit Facility With Bank of Montreal

WHITE PLAINS, N.Y., Jan. 6, 2009 (GLOBE NEWSWIRE) -- Fifth Street Finance Corp. (NYSE:FSC) ("Fifth Street") today announced its renewal of a \$50,000,000 revolving credit facility with Bank of Montreal until December 29, 2009.

The terms of the \$50 million credit facility include a 50 basis point commitment fee, an interest rate of LIBOR plus 3.25% and a term of 364 days.

About Fifth Street Finance Corp.

Fifth Street Finance Corp. is a specialty finance company that lends to and invests in small and mid-sized companies in connection with an investment by private equity sponsors. Fifth Street Finance Corp.'s investment objective is to maximize its portfolio's total return by generating current income from its debt investments and capital appreciation from its equity investments.

The Fifth Street Finance Corp. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=5525>

Forward-Looking Statements

This press release may contain certain forward-looking statements, including statements with regard to the future performance of Fifth Street Finance Corp. Words such as "believes," "expects," "projects," and "future" or similar expressions are intended to identify forward-looking statements. These forward-looking statements are subject to the inherent uncertainties in predicting future results and conditions. Certain factors could cause actual results to differ materially from those projected in these forward-looking statements, and some of these factors are enumerated in Fifth Street Finance Corp.'s prospectus, dated June 11, 2008. Fifth Street Finance Corp. undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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