

**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): June 18, 2007

Southern Star Central Corp.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction
of incorporation)

333-110979

(Commission
File Number)

04-3712210

(IRS Employer
Identification No.)

4700 Highway 56, Owensboro, KY

(Address of principal executive offices)

42301

(Zip Code)

Registrant's telephone number, including area code: (270) 852-5000

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 C.F.R. 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 C.F.R. 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 C.F.R. 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 C.F.R. 240.13e-4(c))
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Item 7.01. Regulation FD Disclosure.

On June 15, 2007, Southern Star Central Corp. (Southern Star) issued a press release announcing that it is developing a new interstate natural gas pipeline project (Highland Trails Pipeline) that will connect the developing Fayetteville Shale production basin in Central Arkansas to Kinder Morgan's Rockies Express Pipeline, LLC (REX) in Audrain County, Missouri. Southern Star's Highland Trails Pipeline project is conducting a non-binding Open Season from June 15, 2007 to July 20, 2007 to solicit expressions of interest for Firm Transportation Service (FTS) for this project.

The information in the press release attached as Exhibit 99.1 is incorporated by reference into this Item 7.01 in satisfaction of the public disclosure requirements of Regulation FD. This information is "furnished" not "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liabilities of that section. It may only be incorporated by reference in another filing under the Securities Exchange Act of 1934, or the Securities Act of 1933, if and to the extent such subsequent filing specifically references the information incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

(c) *Exhibits*

99.1 Press Release, dated June 15, 2007.

SIGNATURES

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.

SOUTHERN STAR CENTRAL CORP.

Date: June 18, 2007

/s/ Susanne W. Harris

Susanne W. Harris

Vice President, Chief Financial Officer
and Treasurer