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): May 31, 2007

GEOMET, INC.

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of

incorporation or organization)

000-52155 Commission 76-0662382 (I.R.S. Employer

Identification No.)

File Number 909 Fannin, Suite 1850

Houston, Texas 77010

(Address of Registrant s Principal Executive Offices)

(713) 659-3855

(Registrant s telephone number, including area code)

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))

Item 8.01 Other Events.

On May 31, 2007, GeoMet, Inc. issued a press release announcing that it has received a notice of termination from Cardinal States Gathering Company (a wholly owned subsidiary of CNX Gas Corporation, CNX), dated May 30, 2007 that Cardinal States had elected to terminate an interruptible gas gathering agreement that provided alternative transportation for GeoMet s gas production from the Pond Creek field in the Appalachian basin. The noticed termination date is June 30, 2007. Alternative transportation of this gas is available through GeoMet s 12-mile gathering line, which connects gas sales volumes from the Pond Creek field to the Jewell Ridge lateral pipeline operated by East Tennessee Natural Gas. A copy of the press release is attached as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits. The following exhibit is furnished as part of this Current Report on Form 8-K:

Exhibit No.

Description

99.1 Press release dated May 31, 2007.

SIGNATURE

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

GeoMet, Inc.

Date: May 31, 2007

By: /s/ William C. Rankin William C. Rankin Executive Vice President, Chief Financial Officer and Secretary

INDEX TO EXHIBITS

Exhibit No. Description

99.1 Press release dated May 31, 2007