## **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): February 15, 2006

# 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 February 15 2007, GeoMet, Inc. issued a press release announcing that it had filed a complaint against CNX Gas Company LLC and Island Creek Coal Company alleging antitrust, tortious interference and other causes of action relating to GeoMet s properties in the Oakwood Field in Virginia, a copy of which 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 February 15, 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: February 15, 2007

By: /s/ William C. Rankin William C. Rankin

Executive Vice President, Chief Financial Officer and

Secretary

### INDEX TO EXHIBITS

Exhibit No.

99.1

Press release dated February 15, 2007

Description