

GeoMet, Inc.  
Form 8-A12G  
July 28, 2006

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**FORM 8-A**

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES

PURSUANT TO SECTION 12(b) OR 12(g)

OF THE SECURITIES EXCHANGE ACT OF 1934

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**GeoMet, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State of Incorporation or Organization)

**76-0662382**  
(I.R.S. Employer Identification Number)

**909 Fannin, Suite 3208**  
**Houston, Texas**  
(Address of Principal Executive Offices)

**77010**  
(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act: None

**Title of each class**  
**to be so registered:**

**Name of each exchange on which**  
**each class is to be registered:**

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box. "

If this form relates to the registration of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box. x.

Securities Act registration statement file number to which this form relates: **333-134070**

Securities to be registered pursuant to Section 12(g) of the Act:

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**Common stock, par value \$0.001 per share**

(Title of class)

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**INFORMATION REQUIRED IN REGISTRATION STATEMENT**

**Item 1. Description of Registrant's Securities to be Registered.**

A description of the Common Stock, par value \$0.001 per share, of GeoMet, Inc. is set forth under the caption "Description of Capital Stock - Common Stock" in GeoMet's Registration Statement on Form S-1 (File No. 333-134070) filed with the Securities and Exchange Commission on July 25, 2006, as amended, including any form of prospectus contained therein filed pursuant to Rule 424(b) under the Securities Act of 1933, which description is incorporated in this Item 1 by reference.

**Item 2. Exhibits.**

<b>No.</b>	<b>Exhibit</b>
3.1	Amended and Restated Certificate of Incorporation of GeoMet, Inc. (incorporated by reference to Exhibit 3.1 to the Company's Registration Statement on Form S-1/A (No. 333-131716) filed on July 25, 2006).
3.2	Amended and Restated Bylaws of GeoMet, Inc. (incorporated by reference to Exhibit 3.1 to the Company's Registration Statement on Form S-1/A (No. 333-131716) filed on July 25, 2006).

**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

GEOMET, INC.

By: /s/ J. Darby Seré  
J. Darby Seré  
*President and Chief Executive Officer*

Date: July 28, 2006