

GeoMet, Inc.  
Form 3/A  
November 17, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |         |                                      |   |  |
|---|---------|--------------------------------------|---|--|
| 1. Name and Address of Reporting Person * |         | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol                                     |  |
| Sere J Darby                              |         | (Month/Day/Year)                     | GeoMet, Inc. [GMET]   |  |
| (Last)                                    | (First) | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer                                | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
|   |         | 07/26/2006                           |   | 07/26/2006   |
| 909 FANNIN STREET, SUITE 1850             |         |                                      | (Check all applicable)  |  |
| (Street)                                  |         |                                      | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|   |         |                                      | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other      | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      | (give title below) (specify below)  | <input type="checkbox"/> Form filed by More than One Reporting Person  |
|   |         |                                      | President and CEO   |  |
| HOUSTON, TX 77010                         |         |                                      |   |  |
| (City)                                    | (State) | (Zip)                                |   |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 508,804 <sup>(1)</sup>                                | D  |   |
| Common Stock                    | 456,000   | I  | By investment limited partnership                     |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of | 5. Ownership Form of Derivative | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|------------------------------------|---------------------------------|---|
|--|--|---|------------------------------------|---------------------------------|---|

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|  | Date Exercisable             | Expiration Date | Title        | Amount or Number of Shares | Derivative Security | Security: Direct (D) or Indirect (I) (Instr. 5) |   |
|--|------------------------------|-----------------|--------------|----------------------------|---------------------|---|---|
| Nonqualified Stock Option (right to buy) | 12/07/2001 <sup>(2)</sup>    | 12/07/2010      | Common Stock | 53,320                     | \$ 2.5              | D   | Â |
| Nonqualified Stock Option (right to buy) | 05/19/2004 <sup>(2)(4)</sup> | 05/19/2013      | Common Stock | 106,660                    | \$ 2.5              | D   | Â |
| Nonqualified Stock Option (right to buy) | 09/22/2004 <sup>(2)(4)</sup> | 09/22/2013      | Common Stock | 213,320                    | \$ 2.5              | D   | Â |
| Nonqualified Stock Option (right to buy) | 04/27/2005 <sup>(2)(4)</sup> | 04/27/2014      | Common Stock | 106,660                    | \$ 2.5              | D   | Â |
| Nonqualified Stock Option (right to buy) | Â <sup>(3)</sup>             | 04/18/2013      | Common Stock | 25,605                     | \$ 13               | D   | Â |
| Incentive Stock Option (right to buy)    | 04/18/2007 <sup>(2)</sup>    | 04/18/2013      | Common Stock | 23,076                     | \$ 13               | D   | Â |
| Nonqualified Stock Option (right to buy) | 04/18/2007 <sup>(2)</sup>    | 04/18/2013      | Common Stock | 1,263                      | \$ 13               | D   | Â |

## Reporting Owners

| Reporting Owner Name / Address                                       | Relationships |           |                     |       |
|--|---------------|-----------|---------------------|-------|
|  | Director      | 10% Owner | Officer             | Other |
| Sere J Darby<br>909 FANNIN STREET<br>SUITE 1850<br>HOUSTON, TX 77010 | Â X           | Â         | Â President and CEO | Â     |

## Signatures

J. Darby Sere 11/17/2006

\_\_Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes 4,614 restricted shares of common stock that vest upon the achievement of certain performance targets by GeoMet, Inc.
- (2) Vests ratably (33 1/3%) over three years.
- (3) Vesting is conditioned upon the achievement of certain performance targets by GeoMet, Inc.
- (4) Fully vested as of January 30, 2006.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.