

Sere J Darby  
Form 4  
August 12, 2010

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
Sere J Darby

2. Issuer Name and Ticker or Trading Symbol  
GeoMet, Inc. [GMET]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
909 FANNIN STREET, SUITE 1850

3. Date of Earliest Transaction (Month/Day/Year)  
08/10/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
President and CEO

(Street)  
HOUSTON, TX 77010

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | Code  | V  | Amount                            | (D) | Price |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474  
(9-02)

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

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities Acquired | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Underlying Security (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|---|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|---|--|---|

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| (Instr. 3)          | Price of Derivative Security | (Month/Day/Year) | (Instr. 8)       | (A) or (D) | Disposed of (Instr. 3, 4, and 5) | Date Exercisable | Expiration Date | Title      |                 |
|---------------------|------------------------------|------------------|------------------|------------|----------------------------------|------------------|-----------------|------------|-----------------|
|                     |                              |                  | Code             | V          | (A)                              | (D)              |                 |            |                 |
| Subscription Rights | \$ 10                        | 08/10/2010       | S                |            |                                  | 12,666           | 07/29/2010      | 08/18/2010 | Preferred Stock |
| Subscription Rights | \$ 10                        | 08/10/2010       | P                |            | 26,977                           |                  | 07/29/2010      | 08/18/2010 | Preferred Stock |
| Subscription Rights | \$ 10                        | 08/11/2010       | P <sup>(1)</sup> |            | 2,400                            |                  | 07/29/2010      | 08/18/2010 | Preferred Stock |
| Subscription Rights | \$ 10                        |                  |                  |            |                                  |                  | 07/29/2010      | 08/18/2010 | Preferred Stock |
| Subscription Rights | \$ 10                        |                  |                  |            |                                  |                  | 07/29/2010      | 08/18/2010 | Preferred Stock |
| Subscription Rights | \$ 10                        |                  |                  |            |                                  |                  | 07/29/2010      | 08/18/2010 | Preferred Stock |
| Subscription Rights | \$ 10                        |                  |                  |            |                                  |                  | 07/29/2010      | 08/18/2010 | Preferred Stock |

## 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 | X             |           | President and CEO |       |

## Signatures

/s/ J. Darby Sere                      08/12/2010

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(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).

The reporting person's purchase of subscription rights reported herein was matchable under Section 16(b) of the Securities Exchange Act of 1934. The reporting person has agreed to pay to the issuer, upon settlement of the purchase, the full amount of the profit realized in connection with the short-swing transaction, less transaction costs.

(2)

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The price is a weighted average price. These subscription rights were purchased in multiple transactions at prices ranging from \$.59 to \$.60, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of subscription rights purchased at each separate price within the ranges set forth in this Form 4.

- The reporting person disclaims beneficial ownership of the reported securities except to the extent of his pecuniary interest therein, and
- (3) this report shall not be deemed an admission that the reporting person is the beneficial owner of the reported securities for purposes of Section 16 or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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