

Sere J Darby  
 Form 4  
 June 08, 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)  
 06/07/2010

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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	03/30/2010		G	V 18,614 (1)	D \$ 0 464,341 (2)	D	
Common Stock	06/07/2010		M	36,378	A \$ 0.72 500,719	D	
Common Stock					256,231	I	By Limited Partnership
Common Stock					97,236	I	By Charitable Family Foundation
					1,997	I	

Common Stock						By Controlled Corporation
Common Stock				103,162 <sup>(2)</sup>	I	By GRAT
Common Stock				103,162 <sup>(2)</sup>	I	By Spouse's GRAT

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

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(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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options (right to buy)	\$ 0.72	06/07/2010		M	36,378	03/23/2010 <sup>(3)</sup> 03/22/2016	Common Stock	36,378	

## Reporting Owners

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

## Signatures

/s/ J. Darby Sere                      06/08/2010  
 \*\*Signature of                      Date  
 Reporting Person

## 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).

(1) This transaction involved a gift of shares of common stock by the reporting person to his children, who do not share the reporting person's household.

(2) Includes 84,338 shares of common stock previously held through the J. Darby Sere 2008 Annuity Trust which were distributed to the reporting person on March 16, 2010 as part of an annual annuity payment. Also includes 84,338 shares of common stock previously held through the Judith A. Sere 2008 Annuity Trust which were distributed to the reporting person's spouse on March 16, 2010 as part of an annual annuity payment. These securities are now owned directly by the reporting person.

(3) 70% of the options are incentive stock options that are exercisable in three installments. The first installment of 36,378 shares of common stock became exercisable on March 23, 2010, and the remaining two installments will vest on March 23, 2011 and March 23, 2012. 30% of the options are non-qualified stock options that vest upon the achievement of certain performance targets by the registrant.

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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