

GeoMet, Inc.  
Form 4  
December 20, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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

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

HOUSTON, TX 77010

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
09/20/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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

**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)
			Code	V	Amount	(A) or (D)	Price
Restricted Common Stock	09/20/2007		A		7,590 (1)	A	\$ 0
					446,875 (2)	D	

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

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

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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 Security (Instr. 3 and 4)
Stock Options--Right to Buy	\$ 8.3	09/20/2007		A	82,623 (3)	09/20/2008 09/19/2014	Common Stock

## 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'  
Date: 12/20/2007

\*\*Signature of 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) Consists of shares of restricted common stock. The vesting of the shares of restricted common stock is conditioned upon the achievement of certain performance targets by GeoMet, Inc.
  - (2) Includes 15,266 shares held as joint tenants with Mr. Sere's spouse. Does not include 13,551 shares held in the name of Mr. Sere's spouse, which shares had previously been reported as direct ownership rather than indirect ownership.
  - (3) Consists of nonqualified stock options to purchase 46,479 shares of common stock and incentive stock options to purchase 36,144 shares of common stock. The incentive stock options and 5,166 of the nonqualified stock options vest ratably over a two and one-half year period beginning on September 20, 2008. The vesting of the remaining nonqualified stock options is conditioned upon the achievement of certain performance targets by GeoMet, Inc.

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.