

# **GEOMET, INC.**

Reported by  
**SERE J DARBY**

## **FORM 4**

(Statement of Changes in Beneficial Ownership)

Filed 06/08/10 for the Period Ending 06/07/10

Address	909 FANNIN, SUITE 3208 HOUSTON, TX 77010
Telephone	(713) 659-3855
CIK	0001352302
Symbol	GMET
Fiscal Year	12/31

# FORM 4

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

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

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**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(f) of the  
Investment Company Act of 1940

1. Name and Address of Reporting Person *		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
<b>Sere J Darby</b>		<b>GeoMet, Inc. [ GMET ]</b>		<input checked="" type="checkbox"/> Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) <b>President and CEO</b>	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)		
			<b>6/7/2010</b>		
<b>909 FANNIN STREET, SUITE 1850</b>			4. If Amendment, Date Original Filed (MM/DD/YYYY)		
(Street)					
<b>HOUSTON, TX 77010</b>			6. Individual or Joint/Group Filing (Check Applicable Line)		
(City) (State) (Zip)			<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	3/30/2010		G	V	18614 (1)	D	\$0	464341 (2)	D	
Common Stock	6/7/2010		M		36378	A	\$0.72	500719	D	
Common Stock								256231	I	By Limited Partnership
Common Stock								97236	I	By Charitable Family Foundation
Common Stock								1997	I	By Controlled Corporation
Common Stock								103162 (2)	I	By GRAT
Common Stock								103162 (2)	I	By Spouse's GRAT

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Options (right to buy)	\$0.72	6/7/2010		M		36378		3/23/2010 (3)	3/22/2016	Common Stock	36378	\$0	119526	D	

**Explanation of Responses:**

- (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.

**Reporting Owners**

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

**Signatures**

/s/ J. Darby Sere

6/8/2010

Date

\*\* Signature of Reporting Person

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

\* 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).

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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