

Sere J Darby
 Form 5
 February 09, 2007

FORM 5

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

OMB APPROVAL
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 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

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. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
 12/31/2006

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 Reporting

(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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D) Price			
Common Stock	12/22/2006	^	G	119,436 (1) D \$ 0	452,836 (2) D	^	
Common Stock	12/22/2006	^	G	102,736 (3) A \$ 0	102,736 (3) I		By charitable family foundation
Common Stock	^	^	^	^ ^ ^	391,891 (4) I		By investment

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the achievement of certain performance targets by GeoMet, Inc.

- (3) These shares were previously reported as directly beneficially owned by the reporting person but were donated by the reporting person on 12/22/06 to a charitable family foundation, of which the reporting person shares dispositive power and voting control.
- (4) Represents 456,000 shares that were previously reported as indirectly beneficially owned by an investment limited partnership, less 64,109 shares that were distributed by the investment limited partnership to its partners on 11/28/06.
- (5) These shares were previously reported as indirectly beneficially owned by an investment limited partnership but were distributed to the controlled corporation on 11/28/06.

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