Sere J Darby Form 4 January 07, 2011

FORM 4

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

OMB APPROVAL OMB 3235-0287

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Sere J Darby Issuer Symbol GeoMet, Inc. [GMET] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title Other (specify 909 FANNIN STREET, SUITE 1850 01/05/2011 below) President and CEO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HOUSTON, TX 77010 Person

| (City) | (State) | (Zip) Tab | le I - Non-l | Derivative | Secur | rities Ac | equired, Disposed | l of, or Benefic | cially Owned |
|--------------------------------------|---|---|--|--|--------|------------|--|--|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transactic Code (Instr. 8) | 4. Securition(A) or Dis (D) (Instr. 3, 4 | sposed | 1 of 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 | 01/05/2011 | | A | 22,345 (1) (2) | A | (1) | 494,073 <u>(3)</u> <u>(4)</u> | D | |
| Common Stock | | | | | | | 256,231 | I | By Limited Partnership (5) |
| Common Stock | | | | | | | 97,236 | I | By Charitable Family Foundation |
| | | | | | | | 1,997 | I | |

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| Common Stock | | | By Controlled Corporation | | | | | |
|---|--|--------------------|---------------------------------|--|--|--|--|--|
| Common Stock | 145,331 <u>(3)</u> | I | By GRAT (5) | | | | | |
| Common Stock | 145,331 <u>(4)</u> | I | By Spouse's GRAT (5) | | | | | |
| Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. | | | | | | | | |
| | Persons who respond to the co- information contained in this fo- required to respond unless the displays a currently valid OMB of | SEC 1474 (9-02) | | | | | | |

$\label{thm:convertible} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

number.

| 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. Transactio Code (Instr. 8) | 5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisab Expiration Date (Month/Day/Year | | 7. Title and A Underlying S (Instr. 3 and | Securities |
|---|---|--------------------------------------|---|--|---|---|--------------------|---|------------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Share |
| Stock Options (right to buy) | \$ 13 | 01/05/2011 | | D | 48,681 (6) | 04/18/2007(6) | 04/17/2013 | Common Stock | 48,681 |
| Stock Options (right to buy) | \$ 8.3 | 01/05/2011 | | D | 82,623 (7) | 09/20/2008(7) | 09/19/2014 | Common Stock | 82,623 |

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 | | | | |

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Signatures

/s/ J. Darby Sere 01/07/2011

**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).
- On January 5, 2011, the issuer cancelled, pursuant to the issuer's option exchange program, options granted to the reporting person on April 18, 2006 and September 20, 2007. In exchange for the options, the reporting person received 22,345 shares of restricted stock.
- 7,449 shares of the restricted stock, received in exchange for options that were not vested, vest ratably over a four year period beginning on January 5, 2012 and 14,896 shares of the restricted stock, received in exchange for options that were vested, vest ratably over a three year period beginning on January 5, 2012.
- (3) 42,169 shares of common stock were transferred by the reporting person and his spouse back to the J. Darby Sere?? 2008 Annuity Trust on January 4, 2011, which were distributed to the reporting person and his spouse in error on March 16, 2010.
- (4) 42,169 shares of common stock were transferred by the reporting person and his spouse back to the Judith A. Sere?? 2008 Annuity Trust on January 4, 2011, which were distributed to the reporting person and his spouse in error on March 16, 2010.
- (5) The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.
 - Consists of nonqualified stock options to purchase 16,228 shares of common stock and incentive stock options to purchase 32,453 shares of common stock. The incentive stock options vest ratably over a three year period beginning on April 18, 2007. The vesting of the
- (6) nonqualified stock options is conditioned upon the achievement of certain performance targets by GeoMet, Inc. On January 5, 2011, the issuer canceled, pursuant to the issuer's option exchange program, these options and in exchange for these options, the reporting person received 2,223 shares of restricted stock.
 - Consists of nonqualified stock options to purchase 27,542 shares of common stock and incentive stock options to purchase 55,081 shares of common stock. The incentive stock options vest ratably over a three year period beginning on September 20, 2008. The vesting of the
- (7) nonqualified stock options is conditioned upon the achievement of certain performance targets by GeoMet, Inc. On January 5, 2011, the issuer canceled, pursuant to the issuer's option exchange program, these options and in exchange for these options, the reporting person received 20,122 shares of restricted stock.

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.

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