Rankin William C Form 4 March 25, 2009

FORM 4

Check this box

subject to

Form 4 or

obligations

may continue.

See Instruction

Form 5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number: January 31,

OMB APPROVAL

Expires: 2005 Estimated average

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if no longer Section 16.

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Rankin William C

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)

3. Date of Earliest Transaction

(Month/Day/Year)

03/23/2009

Director 10% Owner X_ Officer (give title Other (specify

below) below) Executive VP and CFO

909 FANNIN STREET, SUITE 1850

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

HOUSTON, TX 77010

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5)

(Instr. 8)

5. Amount of Securities Beneficially Owned

6. Ownership Form: Direct (D) or Indirect Beneficial (T) (Instr. 4)

7. Nature of Indirect Ownership

(Instr. 4)

(A)

Code V Amount (D) Price

Following Reported Transaction(s)

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A)

or Disposed of (D)

(Instr. 3, 4, and 5)

Code V (A)

Date Expir Exercisable Date

Expiration Title

itle

Number of Shares

Amount

or

Stock

Options (right to buy)

\$ 0.72 03/23/2009

A

86,718

(D)

03/23/2010 03/22/2016

Common Stock

86,718

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

Rankin William C 909 FANNIN STREET SUITE 1850 HOUSTON, TX 77010

Executive VP and CFO

Signatures

/s/ William C.

Rankin 03/25/2009

**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).

Consists of nonqualified stock options to purchase 26,016 shares of common stock and incentive stock options to purchase 60,702 shares (1) of common stock. The incentive stock options vest ratably over a three year period beginning on March 23, 2010. The vesting of the 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.

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