

GeoMet, Inc.  
Form 3/A  
November 17, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Rankin William C		(Month/Day/Year)	GeoMet, Inc. [GMET]	
(Last)	(First)	(Middle)	07/26/2006	
909 FANNIN STREET,Â SUITE		4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)
1850		(Check all applicable)		07/26/2006
(Street)		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below)		6. Individual or Joint/Group Filing(Check Applicable Line)
HOUSTON,Â TXÂ 77010		Executive VP and CFO		<input checked="" type="checkbox"/> Form filed by One Reporting Person
(City)	(State)	(Zip)	<input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	302,846 <sup>(1)</sup>	D	Â
Common Stock	400,000	I	By investment limited partnership

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	
Nonqualified Stock Option (right to buy)	12/07/2001 <sup>(2)</sup>	12/07/2010	Common Stock	186,680	\$ 2.5	D	Â
Nonqualified Stock Option (right to buy)	05/19/2004 <sup>(2)(4)</sup>	05/19/2013	Common Stock	93,340	\$ 2.5	D	Â
Nonqualified Stock Option (right to buy)	09/22/2004 <sup>(2)(4)</sup>	09/22/2013	Common Stock	186,680	\$ 2.5	D	Â
Nonqualified Stock Option (right to buy)	04/27/2005 <sup>(2)(4)</sup>	04/27/2014	Common Stock	93,340	\$ 2.5	D	Â
Nonqualified Stock Option (right to buy)	Â <sup>(3)</sup>	04/18/2013	Common Stock	13,632	\$ 13	D	Â
Incentive Stock Option (right to buy)	04/18/2007 <sup>(2)</sup>	04/18/2013	Common Stock	13,632	\$ 13	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Rankin William C 909 FANNIN STREET SUITE 1850 HOUSTON, TX 77010	Â	Â	Â Executive VP and CFO	Â

## Signatures

William C.  
Rankin  
11/17/2006

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) Includes 2,586 restricted shares of common stock that vest upon the achievement of certain performance targets by GeoMet, Inc.
- (2) Vests ratably (33 1/3%) over three years.
- (3) Vesting is conditioned upon the achievement of certain performance targets by GeoMet, Inc.
- (4) Fully vested as of January 30, 2006.

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.