#### LAPEYRE JAMES M JR

Form 4

March 05, 2008

## FORM 4

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

Check this box

if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction 1(b).

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

(Print or Type Responses)

2105 CITYWEST **BOULEVARD, SUITE 400** 

HOUSTON, TX 77042-2839

stock

(Street)

(Month/Day/Year) 03/03/2008

4. If Amendment, Date Original

Filed(Month/Day/Year)

**OMB APPROVAL** 

**OMB** Number:

3235-0287

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	EYRE JAMES M JR		2. Issuer Name <b>and</b> Ticker or Trading  Symbol	Issuer			
			ION GEOPHYSICAL CORP [IO]	(Check all applicable)			
(Last)	(First)	(Middle)	3 Date of Farliest Transaction	(Choose and approved)			

\_X\_\_ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secu	rities Acqu	ired, Disposed of	f, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	or(A) or Di (Instr. 3,	Gecurities Acquired or Disposed of (D) str. 3, 4 and 5)  (A) or		5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common stock	03/03/2008		Code V P	Amount 4,700	(D)	Price \$ 13.75	911,843	D	
Common stock	03/03/2008		P	300	A	\$ 13.76	912,143	D	
Common stock	03/03/2008		P	1,300	A	\$ 13.78	913,443	D	
Common stock	03/03/2008		P	1,200	A	\$ 13.79	914,643	D	
Common	03/03/2008		P	1,701	A	\$ 13.83	916,344	D	

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Common stock	03/03/2008	P	799	A	\$ 13.84	917,143	D	
Common stock	03/03/2008	P	838	A	\$ 13.86	917,981	D	
Common stock	03/03/2008	P	1,100	A	\$ 13.87	919,081	D	
Common stock	03/03/2008	P	2,304	A	\$ 13.88	921,385	D	
Common stock	03/03/2008	P	5,958	A	\$ 13.89	927,343	D	
Common stock	03/03/2008	P	4,300	A	\$ 13.9	931,643	D	
Common stock	03/03/2008	P	600	A	\$ 13.908	932,243	D	
Common stock	03/03/2008	P	619	A	\$ 13.91	932,862	D	
Common stock	03/03/2008	P	900	A	\$ 13.92	933,762	D	
Common stock	03/03/2008	P	2,000	A	\$ 13.93	935,762	D	
Common stock	03/03/2008	P	1,100	A	\$ 13.94	936,862	D	
Common stock	03/03/2008	P	281	A	\$ 13.95	937,143	D	
Common stock	03/03/2008	P	300	A	\$ 13.98	937,443	D	
Common stock	03/03/2008	P	2,803	A	\$ 13.998	940,246	D	
Common stock	03/03/2008	P	2,397	A	\$ 14	942,643	D	
Common stock	03/03/2008	P	1,100	A	\$ 14.01	943,743	D	
Common stock	03/03/2008	P	2,700	A	\$ 14.018	946,443	D	
Common stock	03/03/2008	P	500	A	\$ 14.02	946,943	D	
Common stock	03/03/2008	P	200	A	\$ 14.03	947,143 (1)	D	
Common stock						7,905,344	I	Shares held by Laitram,

			LLC $(2)$
Common stock	6,450	I	Shares held in joint account with wife.
Common stock	10,500	I	As co-trustee for children.
Common stock	93,850	I	Joint acct with adult child
Common Stock	93,850	I	Joint acct with adult child
Common Stock	106,630	I	Joint acct with child
Pamindar: Daport on a caparata line for each close of securities has	neficially owned directly or indirectly		

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

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.

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(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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

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. Transac Code (Instr. 8	of Sec Ac (A) Dis of (In	rivative curities quired ) or sposed (D) str. 3, and 5)		ate	7. Tit Amou Under Secur (Instr	ınt of rlying	8. Price of Derivative Security (Instr. 5)
				Code	V (A)	) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		

Reporting Owners 3

LAPEYRE JAMES M JR 2105 CITYWEST BOULEVARD SUITE 400 HOUSTON, TX 77042-2839

### **Signatures**

/s/ Debra A. Addington, attorney-in-fact

03/05/2008

\*\*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).
- (1) Includes 30,000 shares previously owned by spouse which are held in reporting owners account. Reporting owner disclaims beneficial ownership of those shares.
- (2) The reporting person has elected pursuant to Instruction 4(b)(iv) to Form 4, to report the entire amount of the interest of Laitram, L.L.C. and disclaims beneficial ownership of such shares except to the extent of his proportionate pecuniary interest therein.

#### **Remarks:**

The reporting person disclaims beneficial ownership of all securities shown as indirectly owned by him.

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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