

Williamson Ken
Form 3/A
August 19, 2011

FORM 3

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

OMB APPROVAL

OMB
Number: 3235-0104
Expires: January 31,
2005
Estimated average
burden hours per
response... 0.5

**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 * Â Williamson Ken (Last) (First) (Middle) 2105 CITYWEST BOULEVARD,Â SUITE 400 (Street) HOUSTON,Â TXÂ 77042-2839 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 12/16/2010	3. Issuer Name and Ticker or Trading Symbol ION GEOPHYSICAL CORP [IO]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ☐ Director ☐ 10% Owner ☒ Officer ☐ Other (give title below) (specify below) SVP, ISS	5. If Amendment, Date Original Filed(Month/Day/Year) 12/23/2010	6. Individual or Joint/Group Filing(Check Applicable Line) ☒ Form filed by One Reporting Person ☐ Form filed by More than One Reporting Person
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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	59,178 ⁽¹⁾	D	Â

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) Title	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Amount or Number of Shares	or Indirect (I) (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Williamson Ken 2105 CITYWEST BOULEVARD SUITE 400 HOUSTON, TX 77042-2839	Â	Â	Â SVP, ISS	Â

Signatures

/s/ Debra A. Addington, attorney-in-fact	08/19/2011
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__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) Reflects an additional 15,203 shares held in a separate brokerage account that were inadvertently omitted from the original Form 3 filing.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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