

Eden Martin H
 Form 4
 March 09, 2010

FORM 4

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

OMB APPROVAL

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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)

1. Name and Address of Reporting Person *
 Eden Martin H

2. Issuer Name and Ticker or Trading Symbol
 GRAN TIERRA ENERGY, INC.
 [GTE]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 03/08/2010

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Chief Financial Officer

C/O GRAN TIERRA ENERGY INC., 300, 611 10TH AVENUE S.W.

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

CALGARY, A0 T2R 0B2

(City) (State) (Zip)

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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 Ownership (Instr. 4) | |
|---------------------------------|--------------------------------------|--|---------------------|---|---|------------|---|--|-----------------------------------|-------|
| | | | Code | V | Amount | (A) or (D) | | | | Price |
| Common Stock | 03/08/2010 | | M | | 50,000 | A | \$ 1.19 | 50,000 | D | |
| Common Stock | 03/08/2010 | | S | | 24,100 | D | \$ 5.92 | 25,900 | D | |
| Common Stock | 03/08/2010 | | S | | 6,600 | D | \$ 5.9213 | 19,300 | D | |
| Common Stock | 03/08/2010 | | S | | 1,700 | D | \$ 5.9358 | 17,600 | D | |
| | 03/08/2010 | | S | | 17,600 | D | \$ 5.95 | 0 | D | |

Common
Stock

Common
Stock

14,000

I

By
Spouse

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

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(9-02)

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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Stock Option (Rt to Buy) | \$ 1.19 | 03/08/2010 | | M | 50,000 | 11/08/2007 ⁽¹⁾ 11/08/2016 | Common Stock | 50,000 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Eden Martin H
C/O GRAN TIERRA ENERGY INC.
300, 611 10TH AVENUE S.W.
CALGARY, A0 T2R 0B2

Chief Financial Officer

Signatures

/s/Sonya Messner,
Attorney-In-Fact

03/09/2010

__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).

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(1) The Option Shares shall vest and become exercisable in three equal consecutive annual installments commencing on November 8, 2007.

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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