

Wilson Mark Arthur  
 Form 4  
 January 04, 2011

**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 \*  
 Wilson Mark Arthur

(Last) (First) (Middle)

C/O THOMPSON CREEK METALS COMPANY INC., 26 WEST DRY CREEK CIRCLE, SUITE 810

(Street)

LITTLETON, CO 80120

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 Thompson Creek Metals CO Inc. [TC]

3. Date of Earliest Transaction (Month/Day/Year)  
 12/30/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 VP Sales & Marketing

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

**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 (Instr. 8) | 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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| Common Stock                    | 12/30/2010                           |                                                    | M                              | V Amount (A) or (D) Price<br>\$ 7.41<br>(1)                       | 24,400                                                                                        | D                                                        |                                                       |
| Common Stock                    | 12/30/2010                           |                                                    | S                              | V Amount (A) or (D) Price<br>\$ 14.766<br>(2)                     | 4,400                                                                                         | D                                                        |                                                       |
| Common Stock                    |                                      |                                                    |                                |                                                                   | 200                                                                                           | I                                                        | Spouse                                                |
| Common Stock                    |                                      |                                                    |                                |                                                                   | 6,800                                                                                         | I                                                        | IRA                                                   |

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|              |     |   |                |
|--------------|-----|---|----------------|
| Stock        |     |   |                |
| Common Stock | 300 | I | Spouse IRA     |
| Common Stock | 400 | I | Minor children |

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

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**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) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V (A) (D)                                                                               | Date Exercisable Expiration Date                         | Title Amount or Number of Shares                              |
| Employee Stock Option (right to buy)       | \$ 7.41 <sup>(1)</sup>                                 | 12/30/2010                           |                                                    | M                              | 20,000                                                                                  | 11/09/2008 11/09/2011                                    | Common Stock 20,000                                           |

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director      10% Owner      Officer      Other

Wilson Mark Arthur  
C/O THOMPSON CREEK METALS COMPANY INC.  
26 WEST DRY CREEK CIRCLE, SUITE 810  
LITTLETON, CO 80120

VP Sales & Marketing

## Signatures

/s/ Wendy Cassity,      01/04/2011  
Attorney-In-Fact

\*\*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) Represents the conversion of \$7.42 Canadian dollars based upon a conversion rate in effect on December 30, 2010.

The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$14.757 to \$14.797, inclusive. The reporting person undertakes to provide upon request by the SEC staff, the issuer or any security holder of the issuer full information regarding the number of shares sold at each price within the range. Any amounts reported in column 4 or this footnote represent the conversion of Canadian dollars based upon a conversion rate in effect on December 30, 2010.

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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