Wilson Mark Arthur
Form 4
December 14, 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 *
Wilson Mark Arthur

(Last) (First) (Middle)

C/O THOMPSON CREEK METALS COMPANY, 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)
12/10/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/10/2010		M		5,000	A	$ 7.39 (1)	9,400	D	
Common Stock	12/10/2010		S		5,000	D	$ 13.79 (2)	4,400	D	
Common Stock	12/13/2010		M		15,000	A	$ 7.35 (3)	19,400	D	
Common Stock	12/13/2010		S		15,000	D	$ 13.86	4,400	D	

		(4)		
Common Stock		200	I	Spouse
Common Stock		6,800	I	IRA
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)	$ 7.39 (1)	12/10/2010		M		5,000		11/09/2006	11/09/2011	Common Stock	5,000
Employee Stock Option (right to buy)	$ 7.35 (3)	12/13/2010		M		15,000		11/09/2006	11/09/2011	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
			VP Sales & Marketing	

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

Signatures

/s/ Anne G. Plimpton, Attorney-In-Fact	12/14/2010
**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).

(1) Represents the conversion of $7.42 Canadian dollars based upon a conversion rate in effect on December 10, 2010.

(2) Represents the conversion of $13.92 Canadian dollars based upon a conversion rate in effect on December 10, 2010.

(3) Represents the conversion of $7.42 Canadian dollars based upon a conversion rate in effect on December 13, 2010.

(4) Represents the conversion of $13.92 Canadian dollars based upon a conversion rate in effect on December 13, 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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