Oulman Roxanne Form 4 March 12, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Form filed by More than One Reporting

if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

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(b).

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Oulman Roxanne Issuer Symbol THORATEC CORP [THOR] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 6035 STONERIDGE DRIVE 03/09/2012 below) VP of Finance, Interim CFO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person

PLEASANTON, CA 94588

(State)

(Zip)

(City)

(,)	()	Table	: 1 - Non-De	erivative Sec	curities Ac	quirea, Disposea	of, or Beneficia	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	s	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	onAcquired (A	A) or	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	Disposed of	f (D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 a	and 5)	Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
				,	A >	Reported		
					A)	Transaction(s)		
			Code V		or D) Price	(Instr. 3 and 4)		
~			Code v	Amount (,			
Common Stock (1)	03/09/2012		A	8,406 A	$\begin{pmatrix} & \$ \ 0 \\ (2) \end{pmatrix}$	30,032	D	
~ * * * * * * *					_			

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Person

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

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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 or 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 An Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Options (right to buy)	\$ 33.99	03/09/2012		A	19,778	03/09/2013(3)	03/09/2022	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
• 0	Director	10% Owner	Officer	Other		
Oulman Roxanne			VP of			
6035 STONERIDGE DRIVE			Finance,			
PLEASANTON, CA 94588			Interim CFO			

Signatures

/s/Roxanne

Oulman 03/12/2012

**Signature of Date
Reporting Person

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 restricted stock units. Each restricted stock unit represents a right to receive one share of Thoratec Corporation common stock upon vesting. The restricted stock units vest in four equal annual installments commencing one year after the grant date.
- (2) Options and restricted stock units were granted pursuant to the Company's equity incentive plan with no payments received for either.
- (3) Options vest in four equal annual installments commencing one year after the grant date.

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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