

MULVENA DANIEL M

Form 4

May 25, 2012

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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 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 \*  
 MULVENA DANIEL M

2. Issuer Name **and** Ticker or Trading  
 Symbol  
 THORATEC CORP [THOR]

5. Relationship of Reporting Person(s) to  
 Issuer

(Check all applicable)

(Last) (First) (Middle)  
 6035 STONERIDGE DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 05/23/2012

☒ Director ☐ 10% Owner  
☐ Officer (give title below) ☐ Other (specify below)

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

PLEASANTON, CA 94588

(City) (State) (Zip)

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

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Common<br>Stock <sup>(1)</sup>        | 05/23/2012 <sup>(2)</sup>               |                                                             | A                                    | V Amount (A) or (D) Price<br>5,579 A \$ 0<br>(3)                           | 26,921                                                                                                             | D                                                                    |                                                                   |

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

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 information contained in this form are not  
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SEC 1474  
 (9-02)

**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<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br><br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code<br>(Instr. 8) | 5.<br>Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and<br>Amount of<br>Underlying<br>Securities<br>(Instr. 3 and 4) |                                        | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number<br>of Deriv-<br>ative Secu-<br>rities Bene-<br>ficial Own-<br>ers Follow-<br>ing Repor-<br>ting Trans-<br>action (Instr. |
|                                                     |                                                                           |                                         |                                                             | Code V                                  | (A) (D)                                                                                                               | Date<br>Exercisable                                            | Expiration<br>Date | Title                                                                     | Amount<br>or<br>Number<br>of<br>Shares |                                                     |                                                                                                                                    |

## Reporting Owners

| Reporting Owner Name / Address                                    | Relationships |           |         |       |
|-------------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                   | Director      | 10% Owner | Officer | Other |
| MULVENA DANIEL M<br>6035 STONERIDGE DRIVE<br>PLEASANTON, CA 94588 | X             |           |         |       |

## Signatures

/s/ David A. Lehman,  
Attorney-In-Fact

05/25/2012

**\*\*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 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) Annual stock grant according to the Company's 2006 Incentive Stock Plan.
- (3) Restricted stock units were granted pursuant to the Company's 2006 Incentive Stock Plan with no payment received for the restricted stock units.

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.