

COLE J DANIEL  
Form 4  
June 07, 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 \*  
COLE J DANIEL

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)  
06/03/2010

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

PLEASANTON, CA 94588

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

(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 (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	06/03/2010 <sup>(3)</sup>		M	A	\$ 15.45 51,875	D	
Common Stock	06/03/2010 <sup>(3)</sup>		M	A	\$ 18.99 53,750	D	
Common Stock	06/03/2010 <sup>(3)</sup>		S	D	\$ 44.2858 52,890	D	
Common Stock	06/03/2010 <sup>(3)</sup>		S	D	\$ 44.913 52,750	D	
Common Stock	06/04/2010 <sup>(3)</sup>		S	D	\$ 43.6587 51,270	D	

(6)

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 Security (Instr. 3 and 4)
Non-Qualified Stock Option (right to buy)	\$ 15.45	06/03/2010 <sup>(3)</sup>		M	1,875	08/18/2005 <sup>(1)</sup> 08/18/2010	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 18.99	06/03/2010 <sup>(3)</sup>		M	1,875	11/17/2005 <sup>(1)</sup> 11/17/2010	Common Stock

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
COLE J DANIEL 6035 STONERIDGE DRIVE PLEASANTON, CA 94588		X		

## Signatures

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

06/07/2010

\_\_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) This option vested 100% on the grant date.
- (2) This option was granted pursuant to the Company's Incentive Stock Plan with no payment received for the option.
- (3) Options exercised and shares of Common Stock sold pursuant to a Sales Plan established by the Reporting Person on May 3, 2010, which Sales Plan is intended to comply with the requirements of Rule 10b5-1(c)(1) under the Securities Exchange Act of 1934, as amended.

(4) This transaction was executed in multiple trades in prices ranging from \$43.60 to \$44.55. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

(5) This transaction was executed in multiple trades in prices ranging from \$44.60 to \$45.48. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

(6) This transaction was executed in multiple trades in prices ranging from \$43.605 to \$43.78. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

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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