

# SECURITIES AND EXCHANGE COMMISSION

## FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2010-06-01** | Period of Report: **2010-06-01**  
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### REPORTING OWNER

#### Huennekens R Scott

CIK: **1365493**

Type: **4** | Act: **34** | File No.: **000-52045** | Film No.: **10871201**

Mailing Address  
C/O VOLCANO  
CORPORATION  
11455 EL CAMINO REAL,  
SUITE 460  
SAN DIEGO CA 92130

### ISSUER

#### Volcano Corp

CIK: **1354217** | IRS No.: **330928885** | State of Incorporation: **DE** | Fiscal Year End: **1231**  
SIC: **3845** Electromedical & electrotherapeutic apparatus

Mailing Address  
3661 VALLEY CENTRE DRIVE  
SUITE 200  
SAN DIEGO CA 92130

Business Address  
3661 VALLEY CENTRE DRIVE  
SUITE 200  
SAN DIEGO CA 92130  
800-228-4728

# FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### OMB APPROVAL

OMB Number: 3235-0287  
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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

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

1. Name and Address of Reporting Person <b>Huennekens R Scott</b>			2. Issuer Name and Ticker or Trading Symbol <b>Volcano Corp [VOLC]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>President &amp; CEO</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>06/01/2010</b>			6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
C/O VOLCANO CORPORATION, 3661 VALLEY CENTRE DRIVE, SUITE 200			4. If Amendment, Date Original Filed(Month/Day/Year)					
(Street) <b>SAN DIEGO, CA 92130</b>								
(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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/01/2010		M		37,500	A	\$6.49	66,078	D	
Common Stock	06/01/2010		S <sup>(1)</sup>		37,500	D	\$22.1663 <sup>(2)</sup>	28,578	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option (Right to Buy)	\$6.49	06/01/2010		M		37,500		07/13/2005	07/13/2015	Common Stock	37,500	\$ 0	135,227	D	

**Explanation of Responses:**

1. The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted on December 1, 2009.

2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$22.00 to \$22.33, inclusive. The reporting person undertakes to provide to Volcano Corporation, any security holder of Volcano Corporation, or staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnote (1) to this Form 4.

### Signatures

/s/ John T. Dahldorf, Attorney-in-Fact

\*\* Signature of Reporting Person

06/01/2010

Date

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

\* 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).

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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