

Chaparral Steel CO
Form 4
February 20, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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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 *
VALENTA TOMMY A

(Last) (First) (Middle)
300 WARD ROAD
(Street)

MIDLOTHIAN, TX 76065

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Chaparral Steel CO [CHAP]

3. Date of Earliest Transaction (Month/Day/Year)
02/15/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 or Price		
Common Stock	02/15/2007		M ⁽¹⁾		1,092 A \$ 7.645	D	
Common Stock	02/15/2007		M ⁽¹⁾		11,615 A \$ 9.2	D	
Common Stock	02/15/2007		S ⁽¹⁾		12,707 D \$ 52	D	
Common Stock					1,647.324	I	By 401(k) plan

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

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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)

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)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Stock Option (right to purchase)	\$ 7.645	02/15/2007		M ⁽¹⁾	1,092	⁽²⁾ 01/11/2015	Common Stock	1,092	
Stock Option (right to purchase)	\$ 9.2	02/15/2007		M ⁽¹⁾	11,615	⁽³⁾ 07/29/2015	Common Stock	11,615	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
VALENTA TOMMY A 300 WARD ROAD MIDLOTHIAN, TX 76065	X		President and CEO	

Signatures

/s/ Robert E. Crawford, Jr. as attorney-in-fact for Tommy A. Valenta

02/19/2007

__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) This transaction was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on January 10, 2007.

(2) These options have vested or will vest in substantially equal installments on each of January 11, 2006, 2007, 2008, 2009 and 2010.

(3) These options have vested or will vest in substantially equal amounts on each of July 29, 2006, 2007, 2008, 2009 and 2010.

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