Chaparral Steel CO Form 4 September 17, 2007

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction 1(b).

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

SECURITIES

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

Chaparral Steel CO [CHAP]

3. Date of Earliest Transaction

(Print or Type Responses)

1. Name and Address of Reporting Person * MAHAFFEY JOSEPH D

(First) (Middle)

300 WARD ROAD

(Last)

(City)

Common

Stock

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

09/14/2007

Symbol

OMB

Number:

Expires:

response...

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OMB APPROVAL

3235-0287

January 31,

2005

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

X_ Director 10% Owner Other (specify Officer (give title

below) 6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ 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

MIDLOTHIAN, TX 76065

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) anv

(Zip)

(State)

09/14/2007

(Month/Day/Year)

Code

(Instr. 8)

(D) (Instr. 3, 4 and 5)

Transaction(A) or Disposed of

4. Securities Acquired 5. Amount of

Securities Beneficially Owned Following Reported Transaction(s)

(Instr. 3 and 4)

Form: Direct Indirect (D) or Indirect (I) (Instr. 4)

D

6. Ownership 7. Nature of Beneficial Ownership (Instr. 4)

Amount (D) Price

(A)

Code V

D 10,757 D \$ 86 0 (1)

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 required to respond unless the form displays a currently valid OMB control number.

(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 Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. orNumber	6. Date Exerci Expiration Da		7. Title and Amount of	8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Monus Day/Tear)	execution Date, if any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Y e		Underlying Securities (Instr. 3 and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)		Expiration Date	Title Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
Transfer and the same and the s	Director	10% Owner	Officer	Other			
MAHAFFEY JOSEPH D							
300 WARD ROAD	X						
MIDLOTHIAN, TX 76065							

Signatures

/s/ Robert E. Crawford, Jr. as attorney-in-fact for Joseph D.

Mahaffey

09/17/2007

**Signature of 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).

These shares were disposed of in connection with Chaparral Steel Company's acquisition by Gerdau Ameristeel Corporation (effective (1) September 14, 2007) (the "Acquisition"). Pursuant to the merger agreement, the reporting person is entitled to receive a cash payment equal to \$86 multiplied by the number of shares which were disposed of in connection with the Acquisition.

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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