

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* Karen L. Pletz Kansas City Southern PO Box 219335 Kansas City MO 64121-9335	2. Issuer Name and Ticker or Trading Symbol Kansas City Southern [KSU]	5. Relationship of Reporting Person(s) to Issuer (check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)
	3. Date of Earliest Transaction Required to be Reported (Month/Day/Year) 02/10/2010	
	4. If amendment, Date Original Filed (Month/Day/Year)	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

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

1. Title of Security (Instr. 3)	2. Transaction Date (mm/dd/yy)	2A. Deemed Execution Date, if any (mm/dd/yy)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, & 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3, & 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	02/10/2010		M		20,000	A	\$14.00	43,192	D	
Common Stock	02/10/2010		M		10,000	A	\$13.80	53,192	D	
Common Stock	02/10/2010		S		30,000	D	\$30.4421 (1)	23,192	D	

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).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Form 4 (cont.)
Name and Address of Reporting Person
Karen L. Pletz
Kansas City Southern
PO Box 219335
Kansas City MO 64121-9335

Issuer Name and Ticker or Trading Symbol
Kansas City Southern [KSU]

Period Of Report
02/10/2010

**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 (mm/dd/yy)	3A. Deemed Execution Date, if any (mm/dd/yy)	4. Transaction Code (Instr. 8)		5. No. of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, & 5)		6. Date Exercisable and Expiration Date (mm/dd/yy)		7. Title and Amount of Underlying Securities (Instr. 3 & 4)		8. Price of Derivative Security (Instr. 5)	9. No. of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3, & 4)	10. Ownership Form of Derivative Securities: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Option (Right to Buy) (2)	\$14.00	02/10/2010		M (3)			20,000	03/01/2005	02/28/2014	Common Stock	20,000	\$0	0	D	
LSAR (2)	\$14.00	02/10/2010		J (3)			20,000	(2)	(2)	Common Stock	20,000	\$0	0	D	
Option (Right to Buy) (2)	\$13.80	02/10/2010		M (3)			10,000	05/04/2005	05/05/2014	Common Stock	10,000	\$0	0	D	
LSAR (2)	\$13.80	02/10/2010		J (3)			10,000	(2)	(2)	Common Stock	10,000	\$0	0	D	

Explanation of Responses:

- (1) - The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$30.40 to \$30.51, inclusive. The reporting person undertakes to provide to Kansas City Southern, any security holder of Kansas City Southern, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the range set forth in this footnote.
- (2) - Limited Stock Appreciation Rights ("LSARs") are granted in tandem with stock options. LSARs become exercisable only following a change-in-control of the Company in lieu of related options and are exercisable only for cash. LSARs terminate when the related options are exercised or terminated.
- (3) - Options exercised in rule 16b-3 exempt transaction. LSARs canceled with respect to such shares.

By: Brian P. Banks, Attorney-in-fact
**Signature of Reporting Person

2/11/2010
Date