

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* Scott E. Arvidson Kansas City Southern PO Box 219335 Kansas City MO 64121	2. Issuer Name and Ticker or Trading Symbol Kansas City Southern [KSU]	5. Relationship of Reporting Person(s) to Issuer (check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Executive Vice President & CIO
	3. Date of Earliest Transaction Required to be Reported (Month/Day/Year) 08/07/2009	
	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	08/07/2009		D		62,446	D	\$0	14,493	D	
Common Stock								3,116.085	I	By ESOP (1)
Common Stock								11,774.973	I	by 401(k) & P/S Plan (2)

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
Scott E. Arvidson
Kansas City Southern
PO Box 219335
Kansas City MO 64121

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

Period Of Report
08/07/2009

**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				
Employee Stock Option (Right to Buy) (3)	\$5.75							07/13/2003	11/06/2009	Common Stock	17,400		17,400	D	
LSAR (3)	\$5.75							(3)	(3)	Common Stock	17,400		17,400	D	
Employee Stock Option (Right to Buy) (3)	\$5.75							07/13/2001	11/06/2009	Common Stock	92,000		92,000	D	
LSAR (3)	\$5.75							(3)	(3)	Common Stock	92,000		92,000	D	
Employee Stock Option (Right to Buy) (3)	\$14.34							02/27/2001	11/06/2009	Common Stock	122		122	D	
LSAR (3)	\$14.34							(3)	(3)	Common Stock	122		122	D	
Employee Stock Option (Right to Buy) (3)	\$13.42							02/06/2002	11/06/2009	Common Stock	130		130	D	
LSAR (3)	\$13.42							(3)	(3)	Common Stock	130		130	D	
Employee Stock Option (Right to Buy) (3)	\$12.55							01/16/2003	11/06/2009	Common Stock	500		500	D	

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Period Of Report
08/07/2009

**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				
LSAR (3)	\$12.55							(3)	(3)	Common Stock	500		500	D	
Employee Stock Option (Right to Buy) (3)	\$12.55							01/16/2008	11/06/2009	Common Stock	15,000		15,000	D	
LSAR (3)	\$12.55							(3)	(3)	Common Stock	15,000		15,000	D	
Employee Stock Option (Right to Buy) (3)	\$14.60							01/02/2005	11/06/2009	Common Stock	6,000		6,000	D	
LSAR (3)	\$14.60							(3)	(3)	Common Stock	6,000		6,000	D	
Employee Stock Option (Right to Buy) (3)	\$14.53							02/09/2004	11/06/2009	Common Stock	606		606	D	
LSAR (3)	\$14.53							(3)	(3)	Common Stock	606		606	D	

Explanation of Responses:

- (1) - 3,116.085 shares have accrued to the reporting person's account under the KCS Employee Stock Ownership Plan.
- (2) - Includes 1,043.942 shares acquired under the KCS 401(k) and Profit Sharing Plan since the date of the reporting person's last ownership report.
- (3) - 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.

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Period Of Report
08/07/2009

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

8/11/2009
Date