

Arvidson Scott E  
Form 4  
August 11, 2009

**FORM 4**

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

OMB APPROVAL

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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 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 \*  
Arvidson Scott E

(Last) (First) (Middle)

KANSAS CITY SOUTHERN, PO  
BOX 219335

(Street)

KANSAS CITY, MO 64121

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

KANSAS CITY SOUTHERN [KSU]

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

08/07/2009

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)  
Executive Vice President & CIO

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 Ownership (Instr. 4)
				(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.

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SEC 1474 (9-02)

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**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)	8. F	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 5.75					07/13/2003	11/06/2009	Common Stock	17,400
LSAR <sup>(3)</sup>	\$ 5.75					<u>(3)</u>	<u>(3)</u>	Common Stock	17,400
Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 5.75					07/13/2001	11/06/2009	Common Stock	92,000
LSAR <sup>(3)</sup>	\$ 5.75					<u>(3)</u>	<u>(3)</u>	Common Stock	92,000
Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 14.34					02/27/2001	11/06/2009	Common Stock	122
LSAR <sup>(3)</sup>	\$ 14.34					<u>(3)</u>	<u>(3)</u>	Common Stock	122
Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 13.42					02/06/2002	11/06/2009	Common Stock	130
LSAR <sup>(3)</sup>	\$ 13.42					<u>(3)</u>	<u>(3)</u>	Common Stock	130

Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 12.55	01/16/2003	11/06/2009	Common Stock	500
LSAR <sup>(3)</sup>	\$ 12.55	<u>(3)</u>	<u>(3)</u>	Common Stock	500
Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 12.55	01/16/2008	11/06/2009	Common Stock	15,000
LSAR <sup>(3)</sup>	\$ 12.55	<u>(3)</u>	<u>(3)</u>	Common Stock	15,000
Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 14.6	01/02/2005	11/06/2009	Common Stock	6,000
LSAR <sup>(3)</sup>	\$ 14.6	<u>(3)</u>	<u>(3)</u>	Common Stock	6,000
Employee Stock Option (Right to Buy) <sup>(3)</sup>	\$ 14.53	02/09/2004	11/06/2009	Common Stock	606
LSAR <sup>(3)</sup>	\$ 14.53	<u>(3)</u>	<u>(3)</u>	Common Stock	606

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Arvidson Scott E KANSAS CITY SOUTHERN PO BOX 219335 KANSAS CITY, MO 64121			Executive Vice President & CIO	

## Signatures

Brian P. Banks,  
Attorney-in-fact

08/11/2009

        \*\*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) 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.

Limited Stock Appreciation Rights ("LSARs") are granted in tandem with stock options. LSARs become exercisable only following a

- (3) 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.

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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