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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* WELLS LEO F III (Last) (First) (Middle) 6200 THE CORNERS PARKWAY					2. Issuer Name and Ticker or Trading Symbol WELLS REAL ESTATE INVESTMENT TRUST INC [N/A] 3. Date of Earliest Transaction (Month/Day/Year) 04/16/2007											all app	cer (give title		10% C	owner (specify
(Street) NORCRO			0092 (ip)	4.	4. If Amendment, Date of Original Filed (Month/Day/Year)										Indiv ne) X					
			e I - Non-Deriv					_	-	d, D	_	-			ally					
1. Title of Security (Instr. 3) 2. Tran Date (Month					if any	utior /	ned n Date, ay/Yea	Ti C	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4				and 5) Secur Benef Owne		cially Following	6. Ownership Form: Direct (D) or Indirect (I)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
						С	ode	v	Amount	(A) (D)	or	Price		Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)		(1115u. 4)		
Common	04/16/200	7					J (1)		19,546,302	2 A	. !	\$8.9531		19,573,180.61			I	By Wells Advisory Services I, LLC ⁽²⁾		
Common Stock 04/				7	7				J ⁽³⁾		22,339	A	. !	\$8.9531		19,573,180.61			I	By Wells Capital, Inc. ⁽⁴⁾
	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. Trai	nsacti	ion			Expiration (Month/Da		ercisable and Date y/Year)	or Nu of		d f g nstr.	Seci	rice ivative urity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	,	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)

Explanation of Responses:

- 1. Shares issued to Wells Advisory Services I, LLC as consideration for the internalization of advisor companies into Wells Real Estate Investment Trust, Inc. For more details on this transaction, see the proxy statement filed with the Securities and Exchange Commission pursuant to Section 14A of the Securities Exchange Act of 1934 on February 26, 2007.
- 2. Leo F. Wells, III is the sole shareholder of Wells Real Estate Funds, Inc., which is the sole shareholder of Wells Management Company, Inc. and Wells Capital, Inc. Wells Management Company, Inc. and Wells Capital, Inc. own a 92% controlling interest in Wells Advisory Services I, LLC.
- 3. Shares issued to Wells Capital, Inc. as consideration for the internalization of advisor companies into Wells Real Estate Investment Trust, Inc. For more details on this transaction, see the proxy statement filed with the Securities and Exchange Commission pursuant to Section 14A of the Securities Exchange Act of 1934 on February 26, 2007.
- 4. Leo F. Wells, III is the sole shareholder of Wells Real Estate Funds, Inc., which is the sole shareholder of Wells Capital, Inc.

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).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.