WELLS REAL ESTATE INVESTMENT TRUST II INC Form 424B3 December 29, 2005

Filed pursuant to Rule 424(b)(3)

Registration No. 333-125643

WELLS REAL ESTATE INVESTMENT TRUST II, INC.

SUPPLEMENT NO. 5 DATED DECEMBER 29, 2005

TO THE PROSPECTUS DATED NOVEMBER 10, 2005

This document supplements, and should be read in conjunction with, our prospectus dated November 10, 2005 relating to our follow-on offering of 300,600,000 shares of common stock, as supplemented by supplement no. 1 dated November 16, 2005, supplement no. 2 dated December 9, 2005, supplement no. 3 dated December 21, 2005 and supplement no. 4 dated December 28, 2005. Capitalized terms used in this supplement have the same meanings as set forth in the prospectus. The purpose of this supplement is to disclose:

the acquisition of a four-story office building containing approximately 112,000 rentable square feet and a 6.9-acre parcel of land, on which a four-story office building is currently under construction, located in Charlotte, North Carolina; and

information regarding our indebtedness.

Acquisition of the LakePointe 5 Building and LakePointe 3 Land

On December 28, 2005, we purchased a four-story office building containing approximately 112,000 rentable square feet (the LakePointe 5 Building) and a 6.9-acre parcel of land (the LakePointe 3 Land), on which a four-story office building designed to contain approximately 111,000 rentable square feet is currently under construction (the LakePointe 3 Building). The LakePointe 5 Building, which is located on an approximate 8.2-acre parcel of land, and the LakePointe 3 Land are located at 3735 and 3730 Glen Lake Drive in Charlotte, North Carolina. The LakePointe 5 Building and the LakePointe 3 Land were purchased from LakePointe Corporate Center Associates, a joint venture between Childress Klein Properties (Childress Klein) and TIAA-CREF. Neither Childress Klein nor TIAA-CREF is affiliated with us or Wells Capital, Inc.

The purchase price of the LakePointe 5 Building was approximately \$20.7 million, plus closing costs, and the purchase price of the LakePointe 3 Land was approximately \$2.5 million, plus closing costs. The acquisition of the LakePointe 5 Building was funded with net proceeds raised from our ongoing public offering and with proceeds from our \$400.0 million line of credit with Wachovia Bank, N.A. The acquisition of the LakePointe 3 Land and the construction in progress of the LakePointe 3 Building was funded with approximately \$6.5 million drawn on a construction loan with maximum available borrowings of approximately \$17.1 million obtained from Wachovia Bank, N.A. (the Construction Loan). The Construction Loan requires monthly payments of interest only and matures on December 28, 2007. The interest rate of the Construction Loan, per annum, is the monthly LIBOR Index Rate offered by Wachovia Bank, N.A. plus 100 basis points. The Construction Loan is secured by a first deed to secure the debt and the assignment of leases, rents and contracts from the LakePointe 5 Building and the LakePointe 3 Building.

We entered into a development agreement with CK LakePointe Center Associates, LLC (the Developer), an affiliate of Childress Klein, to complete the construction of the LakePointe 3 Building at a total estimated cost of approximately \$17.1 million, which will be funded with funds drawn from the Construction Loan. As of December 28, 2005, the Developer had incurred approximately \$3.9 million of construction costs, which we reimbursed at closing with funds drawn from the Construction Loan. The LakePointe 3 Building is pre-leased to The Lash Group, Inc. (Lash) (approximately 26%) and Centex Construction Company, LLC (Centex) (approximately 14%) under long-term lease agreements that commence upon completion of the LakePointe 3 Building, which is currently expected to be September 1, 2006.

The LakePointe 5 Building, which was completed in 2001, is currently leased to Lash (approximately 69%), First Franklin Financial Corporation (First Franklin) (approximately 12%), Centex (approximately 10%) and various other office tenants (approximately 9%). Upon completion of the LakePointe 3 Building, Centex will vacate its premises in the LakePointe 5 Building and immediately relocate its business operations to the space it has leased in the LakePointe 3 Building, whereupon the lease agreement with Centex for premises in the LakePointe 5 Building will terminate and the term of the lease with Centex for premises in the LakePointe 3 Building will commence. Lash

has entered into a new lease agreement with respect to its space in the LakePointe 5 Building, which is coterminous with its lease agreement for space in the LakePointe 3 Building, and which expands its premises leased in the LakePointe 5 Building to that space currently being leased by Centex. This expansion of the space leased by Lash in the LakePointe 5 Building will be effective upon the vacation of the space by Centex.

Lash designs solutions to reimbursement-related issues for pharmaceutical companies, medical device manufacturers and biotechnology firms. Lash is a business unit of AmerisourceBergen Corporation (AmerisourceBergen), which is the guarantor of the Lash lease. AmerisourceBergen, which is traded on the NYSE, is one of the largest pharmaceutical services companies in the United States. Servicing both pharmaceutical manufacturers and healthcare providers in the pharmaceutical supply channel, AmerisourceBergen provides drug distribution and related services designed to reduce costs and improve patient outcomes. AmerisourceBergen s service solutions range from pharmacy automation and pharmaceutical packaging to pharmacy services for skilled nursing and assisted living facilities, reimbursement and pharmaceutical consulting services, and physician education. AmerisourceBergen, which employs more than 13,000 people, reported a net worth, as of September 30, 2005, of approximately \$4.3 billion.

First Franklin originates, purchases, sells and securitizes residential mortgage loans and lines of credit through a network of approximately 30,000 mortgage brokers and bankers nationwide, and specializes in non-conforming first and second mortgages. First Franklin is a subsidiary of National City Corporation, which is traded on the NYSE and employs approximately 35,000 people. National City Corporation, a multi-bank holding company that offers a full range of financial services, reported a net worth, as of September 30, 2005, of approximately \$12.9 billion.

Centex, which is a business unit of Centex Corporation, provides construction management and design-related services nationwide for both public and private sector clients. Centex Corporation, which is traded on the NYSE, is a leading home builder that operates in 25 states and has related business lines, including mortgage and financial services, home services and commercial construction. Centex Corporation, which employs approximately 17,000 people, reported a net worth, as of September 30, 2005, of approximately \$4.7 billion.

The current aggregate annual base rent for Lash, First Franklin, Centex and the other two tenants of the LakePointe 5 Building is approximately \$2.3 million. The current weighted-average remaining lease term for Lash, First Franklin, Centex and the other two tenants of the LakePointe 5 Building is approximately 10 years. Lash and First Franklin have the right, at their option, to extend the terms of their lease for one additional five-year period. First Franklin has a one-time option to terminate its lease effective April 2008 for a termination fee equal to the sum of seven and a half months of rent plus unamortized leasing costs and tenant improvements.

We do not intend to make significant renovations or improvements to the LakePointe 5 Building. We believe that the LakePointe 5 Building is adequately insured.

Indebtedness

As of December 28, 2005, our leverage ratio, that is, the ratio of total debt to total purchase price of real estate assets plus cash and cash equivalents, was approximately 34%. As of December 28, 2005, total indebtedness was approximately \$861.6 million, which consisted of fixed-rate mortgages on certain properties of approximately \$623.6 million and approximately \$238.0 outstanding under our \$400.0 million credit facility. Based on the value of our borrowing-base properties, we had approximately \$21.1 million in remaining capacity under our \$400.0 million credit facility, of which \$9.2 million was pledged in the form of letters of credit for future tenant improvements and leasing costs.

SUPPLEMENTAL INFORMATION The prospectus of Wells Real Estate Investment Trust II, Inc. consists of this sticker, the prospectus dated November 10, 2005, supplement no. 1 dated November 16, 2005, supplement no. 2 dated December 9, 2005, supplement no. 3 dated December 21, 2005, supplement no. 4 dated December 28, 2005 and supplement no. 5 dated December 29, 2005

Supplement no. 1 includes:	
status	of our ongoing public offerings;
inforn	nation regarding our indebtedness;
the ac	quisition of a six-story office building containing a total of approximately 250,000 rentable square feet in Irving, Texas;
	tagement s Discussion and Analysis of Financial Condition and Results of Operations similar to that filed in our Quarterly Report rm 10-Q for the period ended September 30, 2005, filed on November 14, 2005; and
our ur	naudited financial statements as of and for the nine months ended September 30, 2005.
Supplement no. 2 includes:	
status	of our public offerings;
inforn	nation regarding our indebtedness; and
	ng into an agreement to recapitalize and reconstitute two entities that own interests in a 57-story office tower, a 400-room hotel 982-space parking garage, all located in Cleveland, Ohio.
Supplement no. 3 includes:	
status	of our public offerings;
the ac	quisition of a 27-story office building containing approximately 581,000 rentable square feet located in Houston, Texas; and
inforn	nation regarding our indebtedness.
Supplement no. 4 includes:	

status of our public offerings;

the recapitalization and reconstitution of the entities that own interests in the Key Center Complex, a 57-story office tower, a 400-room full-service hotel and a 982-space parking garage located in Cleveland, Ohio;

the acquisition of a seven-story office building containing approximately 231,000 rentable square feet located in North Fayette, Pennsylvania;

the acquisition of a 13-story office building containing approximately 255,000 rentable square feet located in Tampa, Florida; and

information regarding our indebtedness.

Supplement no. 5 includes:

the acquisition of a four-story office building containing approximately 112,000 rentable square feet and a 6.9-acre parcel of land, on which a four-story office building is currently under construction, located in Charlotte, North Carolina; and

information regarding our indebtedness.