#### ARCH CAPITAL GROUP LTD.

Form 4

December 30, 2005

# FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

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Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction

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(b).

share (1)

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading WARBURG PINCUS LLC Issuer Symbol ARCH CAPITAL GROUP LTD. (Check all applicable) [ACGL] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify Officer (give title (Month/Day/Year) below) 466 LEXINGTON AVENUE 12/30/2005 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) Form filed by One Reporting Person \_X\_ Form filed by More than One Reporting NEW YORK, NY 10017 Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 5. Amount of 7. Nature of 1.Title of 3. 4. Securities Acquired (A) 6. Securities Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial any (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) or (Instr. 3 and 4) Code V Amount (D) Price Common Shares, Partnership  $\mathbf{C}$ \$0.01 par 22,906,560 12/30/2005 (2) 22,910,478 (1) value per

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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.

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 on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration D	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour Number Shares	
Series A Convertible Preference Shares	<u>(2)</u>	12/30/2005		C(2)	20,906,560	(2)	(2)	Common Shares	20,90	

### **Reporting Owners**

Reporting Owner Name / Address	Relationships				
reporting owner name / rearress	Director	10% Owner	Officer	Other	
WARBURG PINCUS LLC 466 LEXINGTON AVENUE NEW YORK, NY 10017		X			
WARBURG PINCUS PRIVATE EQUITY VIII L P 466 LEXINGTON AVENUE NEW YORK, NY 10017		X			

### **Signatures**

/s/Scott A. Arenare, Managing
Director 12/30/2005

\*\*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).

THE SECURITY HOLDERS ARE WARBURG PINCUS (BERMUDA) PRIVATE EQUITY VIII, L.P. ("WP VIII BERMUDA") AND WARBURG PINCUS (BERMUDA) INTERNATIONAL PARTNERS, L.P. ("WPIP BERMUDA") AND WARBURG PINCUS NETHERLANDS INTERNATIONAL PARTNERS I, C.V. ("WPIP NETHERLANDS I"). WARBURG PINCUS (BERMUDA)

- (1) PRIVATE EQUITY LTD. ("WP VIII BERMUDA LTD.") IS THE SOLE GENERAL PARTNER OF WP VIII BERMUDA. WARBURG PINCUS (BERMUDA) INTERNATIONAL LTD. ("WPIP BERMUDA LTD.") IS THE SOLE GENERAL PARTNER OF WPIP BERMUDA. WARBURG, PINCUS PARTNERS, LLC IS THE SOLE GENERAL PARTNER OF WPIP NETHERLANDS I. WP VIII BERMUDA, WPIP BERMUDA AND WPIP NETHERLANDS I ARE MANAGED BY WARBURG PINCUS LLC ("WP LLC").
- ON DECEMBER 30, 2005, THE REPORTING PERSONS CONVERTED AN AGGREGATE OF 20,906,560 SERIES A

  (2) CONVERTIBLE PREFERENCE SHARES OF THE ISSUER INTO AN EQUAL NUMBER OF COMMON SHARES OF THE ISSUER.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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