KEY TECHNOLOGY INC

Form 4

November 17, 2006

FORM 4

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

OMB APPROVAL OMB 3235-0287

Check this box if no longer subject to

Number: January 31, Expires: 2005

Section 16. Form 4 or Form 5 obligations

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

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).

(Print or Type Responses)

1. Name and Address of WICHER GORDON		2. Issuer Name and Ticker or Trading Symbol KEY TECHNOLOGY INC [KTEC]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check all applicable)		
		(Month/Day/Year)	Director 10% Owner		
C/O KEY TECHNO	LOGY,	11/15/2006	_X_ Officer (give title Other (specify		
INC., 150 AVERY STREET			below) below) SR VP & GM Americas & Asia		
(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
WALLA WALLA, V	WA 99362	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect Beneficial Ownership

(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3, 4 and 5)			Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	11/15/2006		M	6,835	A	\$ 11.75	206,678 (5)	D	
Common Stock	11/15/2006		M	8,165	A	\$ 11.75	214,843	D	
Common Stock	11/15/2006		M	7,500	A	\$ 3	222,343	D	
Common Stock	11/15/2006		M	5,625	A	\$ 9.7	227,968	D	
Common Stock	11/15/2006		F	6,455	D	\$ 12.44	221,513	D	

(Instr. 4)

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Common Stock	11/15/2006	F	7,712	D	\$ 12.44	213,801	D
Common Stock	11/15/2006	F	1,808	D	\$ 12.44	211,993	D
Common Stock	11/15/2006	F	4,386	D	\$ 12.44	207,607	D

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

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SEC 1474 (9-02)

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 Exerc Expiration D (Month/Day/	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 11.75	11/15/2006		M		6,835	<u>(1)</u>	05/22/2008	Common Stock	6,835
Employee Stock Option (right to buy)	\$ 11.75	11/15/2006		M		8,165	<u>(1)</u>	05/22/2008	Common Stock	8,165
Employee Stock Option (right to buy)	\$ 3	11/15/2006		M		7,500	(3)	03/08/2007	Common Stock	7,500
Employee Stock Option (right to	\$ 9.7	11/15/2006		M		5,625	<u>(4)</u>	05/08/2008	Common Stock	5,625

buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

WICHER GORDON C/O KEY TECHNOLOGY, INC. 150 AVERY STREET WALLA WALLA, WA 99362

SR VP & GM Americas & Asia

Signatures

Gordon Wicher 11/17/2006

**Signature of Date
Reporting Person

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) 25% of such option became exercisable on May 22, 1999, 2000, 2001, and 2002.
- (2) Not a required reportable field. New SEC software requires a dollar amount; use zero per SEC.
- (3) 25% of such option became exercisable on March 8, 2003, 2004, 2005 and 2006.
- (4) 25% of such option became exercisable on May 8, 2004, 2005, 2006 and 2007.
- (5) Includes 214, 263, 219, and 251 shares purchased on 12/31/05, 3/31/06, 6/30/06 and 9/30/06, respectively, under the Key Technology, Inc. Employee Stock Purchase Plan.

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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