FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
nstruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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* WROE THOMAS JR						2. Issuer Name and Ticker or Trading Symbol TEXAS INSTRUMENTS INC [TXN]									5. Relationship of Repo (Check all applicable) Director			10%	Owner
(Last) (First) (Middle) 12500 TI BOULEVARD						3. Date of Earliest Transaction (Month/Day/Year) 08/05/2005									X	belov	,	Othe belo PRESIDEN	
(Street) DALLAS TX 75243 (City) (State) (Zip)						4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transa Date (Month/D				action	ar)	2A. Deemed Execution Date,		3. Transa Code (3. 4. Se Transaction Dispo Code (Instr. 5)			Of, or Benefic curities Acquired (A) sed Of (D) (Instr. 3, 4			5. Amount of		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount		(A) or (D)	Price	, lī	Transa	ction(s) 3 and 4)		(11341. 4)
Common Stock 08/0				08/05	5/2005	5			G	V	4,000)	D	\$	\$0		370.71	D	
Common Stock															5,261(1)		I	By Self for Sons	
Common Stock															15,3	321.05 ⁽²⁾	I	By Trust- -401(k)	
Common Stock															16,645.81 ⁽³⁾		I	By Trust PS	
		Та	ble II - D								sed of, onvertib				y Ow	ned			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deems Execution if any (Month/Da	on Date, Tran		(Instr.	of Derive Security (A) of Disperior of (D	r osed) r. 3, 4	6. Date E Expiratio (Month/D	n Date ay/Ye	9	Amount of Securities Underlying Derivative Security (Inst and 4)		ount	Derivative Security (Instr. 5) Ben Own Folk		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirec (I) (Instr. 4	Beneficial Ownership (Instr. 4)

Explanation of Responses:

- 1. Held by custodian for account of minors.
- 2. Estimated shares attributable to TI 401(k) Account as of 12-31-04. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in this account occurring after 12-31-04 that are eligible for deferred reporting on Form 5.
- 3. Estimated shares attributable to TI Universal Profit Sharing account as of 12-31-04. (Interests in this account are denominated in units. Consequently, share amount shown is an estimate.) This statement does not include changes in beneficial ownership of shares held in such account occurring after 12-31-04 that are eligible for deferred reporting on Form 5.

JANE S. NAHRA, **ATTORNEY IN FACT**

08/12/2005

** Signature of Reporting Person

Date

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.