SEC Form 4	
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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
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

OMB APPRC	VAL
OMB Number:	3235-0287
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hours ner response.	0.5

1. Name and Address of Reporting Person* <u>WEST TERESA L</u>			2. Issuer Name and Ticker or Trading Symbol <u>TEXAS INSTRUMENTS INC</u> [TXN]	(Check	ionship of Reporting Person all applicable) Director Officer (give title	s) to Issuer 10% Owner Other (specify	
(Last) (First) (Middle) I		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/31/2007	X	below) SR. VICE PRESII	below)	
(Street) DALLAS			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indivi Line) X	,		
(City)	(State)	(Zip)					

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (8)		4. Securities Disposed Of 5)	Acquired (D) (Instr	(A) or . 3, 4 and	5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/31/2007		S		250	D	\$30.75	83,419	D	
Common Stock	01/31/2007		S		125	D	\$30.8	83,294	D	
Common Stock	01/31/2007		S		125	D	\$30.83	83,169	D	
Common Stock	01/31/2007		F ⁽¹⁾		3,445	D	\$30.84	79,724	D	
Common Stock	01/31/2007		S		125	D	\$30.86	79,599	D	
Common Stock	01/31/2007		S		125	D	\$30.87	79,474	D	
Common Stock	01/31/2007		S		125	D	\$30.88	79,349	D	
Common Stock	01/31/2007		S		125	D	\$30.92	79,224	D	
Common Stock	01/31/2007		S		125	D	\$30.94	79,099	D	
Common Stock	01/31/2007		S		125	D	\$30.98	78,974	D	
Common Stock								1,400 ⁽²⁾	I	By Self for Children
Common Stock								211.63 ⁽³⁾	I	By Trust- -401(k)
Common Stock								5,726.45 ⁽⁴⁾	I	By Trust PS

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. Transa Code (8)		of		6. Date Exerc Expiration Da (Month/Day/Y	7. Title Amour Securi Underl Deriva Securi and 4)	nt of ties ying tive ty (Instr. 3	Derivative Security	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

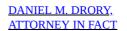
Explanation of Responses:

1. Withholding of shares of common stock to satisfy tax withholding obligation (relating to vesting of a previously granted award).

2. Held by custodian for account of minors.

3. Estimated shares attributable to TI 401(k) Account as of 12-31-06. (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 12-31-06 that are eligible for deferred reporting on Form 5.

4. Estimated shares attributable to TI Universal Profit Sharing account as of 12-31-06. (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 12-31-06 that are eligible for deferred reporting on Form 5.



02/01/2007

** 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.