#### Form

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ottom-width: 1">1.Title of Security

(Instr. 3)2. Transaction Date (Month/Day/Year)2A. Deemed Execution Date, if any (Month/Day/Year)3. Transaction Code

(Instr. 8)4. Securities Acquired (A) or Disposed of (D)

(Instr. 3, 4 and 5)5. Amount of Securities Beneficially Owned Following Reported Transaction(s)

(Instr. 3 and 4)6. Ownership Form: Direct (D) or Indirect (I)

(Instr. 4)7. Nature of Indirect Beneficial Ownership

(Instr. 4)CodeVAmount(A) or (D)Price Common Stock 18,026 D

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)

# 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. Transacti Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	Expiration E (Month/Day	Pate		itle and Amount of 8. Flerlying Securities bertr. 3 and 4) Sec (Ins	
				Code V	(Α) (Γ	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	\$ 1 <u>(1)</u>	03/18/2011		A	50.4	<u>(2)</u>	(2)	Common Stock	50.4	\$ 33.0

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
reporting o where remove requires	Director	10% Owner	Officer	Other			
COX CARRIE SMITH							
12500 TI BOULEVARD	X						
DALLAS, TX 75243							

### **Signatures**

/s/ Cynthia H. Grimm, Attorney
In Fact
03/21/2011

\*\*Signature of Reporting Person Date

Reporting Owners 1

## **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) Security converts to common stock on a one-for-one basis.
  - Stock units credited under the Texas Instruments 2009 Director Compensation Plan, to be settled in common stock of the Issuer following
- (2) the reporting person's termination of service as a director of the Issuer. End-of-period holdings include stock units acquired pursuant to the dividend reinvestment provision of the 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.