COX CARRIE SMITH

Form 4

January 31, 2011

FORM 4

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

OMB Number: 3235-0287

Estimated average

OMB APPROVAL

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

See Instruction 1(b).

(Print or Type Responses)

1. Name and A COX CARR	ddress of Reporting P RIE SMITH	Symbol TEXAS	or Name and Ticker or Trading S INSTRUMENTS INC	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(I ()	(F. 1)	[TXN]	CD 11 cm				
(Last) 12500 TI BO	(First) (M	,	of Earliest Transaction Day/Year) 2011	X Director 10% Owner Officer (give title Other (specify below)			
	(Street)		endment, Date Original onth/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
DALLAS, T	°X 75243						
(City)	(State)	Zip) Tabl	le 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)	Code Disposed of (D)	5. Amount of Securities Form: Direct Indirect Beneficially (D) or Beneficial Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported Transaction(s) (Instr. 3 and 4)			
Common Stock	01/27/2011		A(1) 2,887 A \$	D 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)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		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
NQ Stock Option (Right to Buy)	\$ 34.63	01/27/2011		A	10,002	<u>(2)</u>	01/27/2021	Common Stock	10,002

Reporting Owners

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

Signatures

/s/ Daniel M. Drory, Attorney
In Fact

01/31/2011

**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).
- (1) Award of restricted stock units granted under the Texas Instruments 2009 Director Compensation Plan.
- (2) The option becomes exercisable in four equal annual installments beginning on January 27, 2012.

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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