Martin Jay G Form 4 January 27, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

may continue. See Instruction See Instruction

1(b).

(Print or Type Responses)

1. Name and Ad Martin Jay G	dress of Reporti	ing Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			BAKER HUGHES INC [BHI]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
2929 ALLEN PARKWAY, SUITE 2100			01/25/2012	_X_ Officer (give title Other (specify below) Vice President			
(Street) HOUSTON, TX 77019			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			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 Ac	quired, Disposed of, or Beneficially Owned			

(City)	(State)	(Zip) Tabl	e I - Non-D	Derivative	Secui	rities Acq	uired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			d of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock,	01/25/2012		Code V	Amount	` '	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
\$1.00 Par Value (1) (2) Common Stock,									
\$1.00 Par Value (3)	01/26/2012		F	182	D	48.16	10,329.0815	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 (9-02)

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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 of Derivative 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
Common Stock, \$1.00 Par Value (4) (5)	\$ 47.44	01/25/2012		A	5,102	01/25/2013	01/25/2022	Common Stock, \$1.00 Par Value	5 102

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Martin Jay G

2929 ALLEN PARKWAY

SUITE 2100

HOUSTON, TX 77019

Vice President

Signatures

Sandra E. Alford Attorney-in-Fact

01/27/2012

**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) Restricted Stock Award issued pursuant to the terms and conditions of the Company's 2002 Director and Officer Long-Term Incentive
- (2) Restricted Stock Award vests one-third each year, beginning January 25, 2013.
- (3) Withholding of shares to pay the taxes due upon vesting is exempt from Section 16(b) of the Securities Exchange Act of 1934 by Rule 16b-3.

Reporting Owners 2

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- (4) Option granted pursuant to the terms of the Company's 2002 Director and Officer Long-Term Incentive Plan.
- (5) Option vests in three annual installments beginning January 25, 2013.

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.