Charreton Didier
Form 4
January 27, 2012

FORM 4

OMB APPROVAL

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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 OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Charreton Didier

(Last) (First) (Middle)

2929 ALLEN PARKWAY, SUITE 2100

(Street)

HOUSTON, TX 77019

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
BAKER HUGHES INC [BHI]

3. Date of Earliest Transaction (Month/Day/Year)
01/25/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Vice President

6. 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-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. 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, $1.00 Par Value (1) (2)	01/25/2012		A		8,431	A	$ 47.44	25,170.3172	D	
Common Stock, $1.00 Par Value (1) (3)	01/25/2012		A		6,000	A	$ 47.44	31,170.3172	D	
Common Stock, $1.00 Par	01/26/2012		F		572	D	$ 48.16	30,598.3172	D	

Value (4)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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. Transaction 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 Am Underlying Sec (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	A o N o
Common Stock, $1.00 Par Value (5) (6)	$ 47.44	01/25/2012		A		15,116		01/25/2013	01/25/2022	Common Stock, $1.00 Par Value	1

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Charreton Didier 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 Plan.

(2) Restricted Stock Award vests one-third each year, beginning January 25, 2013.

(3) Restricted Stock Award Vests on January 25, 2015.

(4) 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.

(5) Option granted pursuant to the terms of the Company's 2002 Director and Officer Long-Term Incentive Plan.

(6) 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.