

SECURITIES AND EXCHANGE COMMISSION

FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2013-01-28** | Period of Report: **2013-01-24**
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REPORTING OWNER

Deskus Archana

CIK: **1566186**

Type: **4** | Act: **34** | File No.: **001-09397** | Film No.: **13553196**

Mailing Address
2929 ALLEN PARKWAY
SUITE 2100
HOUSTON TX 77019

ISSUER

BAKER HUGHES INC

CIK: **808362** | IRS No.: **760207995** | State of Incorporation: **DE** | Fiscal Year End: **1231**
SIC: **3533** Oil & gas field machinery & equipment

Mailing Address
PO BOX 4740
HOUSTON TX 77210-4740

Business Address
2929 ALLEN PARKWAY
SUITE 2100
HOUSTON TX 77019-2118
7134398600

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person Deskus Archana			2. Issuer Name and Ticker or Trading Symbol BAKER HUGHES INC [BHI]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) VP & Chief Information Officer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/24/2013			6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
2929 ALLEN PARKWAY SUITE 2100			4. If Amendment, Date Original Filed(Month/Day/Year)					
(Street) HOUSTON, TX 77019								
(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. 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⁾	01/24/2013		A		6,901	A	\$ 0	21,901	D	

**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 Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Amount or Number of Shares
Stock Option (right to buy) ⁽³⁾	\$45.21	01/24/2013		A		13,488		⁽⁴⁾	01/24/2023	Common Stock	13,488	\$ 0	13,488	D	

Explanation of Responses:

- Restricted Stock Award issued pursuant to the terms and conditions of the Company's 2002 Director & Officer Long-Term Incentive Plan.
- Restricted Stock Award vests in three equal annual installments beginning on January 24, 2014.
- Option granted pursuant to the terms of the Company's 2002 Director & Officer Long-Term Incentive Plan.
- The option vests in three equal annual installments beginning on January 24, 2014.

Signatures

/s/ Lee Whitley, Attorney-in-Fact

** Signature of Reporting Person

01/28/2013

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.