Houston Delton Henry Form 4 May 20, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue.

See Instruction 1(b).

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 ** Houston Delton Henry	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)	Rosetta Resources Inc. [ROSE]	(Check all applicable)		
(Last) (First) (Middle)	3. Date of Earliest Transaction			
	(Month/Day/Year)	X Director 10% Owner		
1111 BAGBY, SUITE 1600	05/17/2013	Officer (give title below) Other (specify below)		
(Street)	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		
HOUSTON, TX 77002		Form filed by More than One Reporting Person		

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(State)

(Zip)

(City)

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1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi			5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)	(Mondif Buy, Tear)	any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,		` '	Beneficially Owned	Form: Direct (D) or	Beneficial Ownership
		(Month/Day/Tear)	(msu. o)		(A)		Following Reported	Indirect (I) (Instr. 4)	(Instr. 4)
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	05/17/2013	05/17/2013	A	2,686 (1)	A	\$ 0	20,801	D	
Common Stock	05/17/2013	05/17/2013	F	1,042 (2)	D	\$ 49.005	19,759	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table I - Non-Derivative Securities Acquired Disposed of or Ranaficially Owned

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	nt of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Houston Delton Henry 1111 BAGBY SUITE 1600 HOUSTON, TX 77002	X						

Signatures

/s/ Janice Ward for Delton Henry Houston 05/20/2013

**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 granted upon re-election to the Board of Directors under the Rosetta Resources Inc. 2013 Long-Term Incentive Plan. Shares vest 100% on 05/16/2014.
- (2) Shares traded for tax liability upon vesting of Restricted Stock.

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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