Rosetta Resources Inc. Form 4

May 18, 2012

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

may continue.

See Instruction

1(b).

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obligations

(Print or Type Responses)

1. Name and Address of Reporting Person ** LOW JOSIAH O III			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) t Issuer				
			Rosetta Resources Inc. [ROSE] (Check all applicable					
(Last)	(First)	(Middle)	3. Date of Earliest Transaction					
717 TEXAS, SU	UITE 2800		(Month/Day/Year) 05/17/2012	_X_ Director 10% Owner Officer (give title below) Other (special below)				
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check				
HOUSTON, TX	X 77002		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				

(City)	(State) (Z	Zip) Table	I - Non-De	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties		5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	xecution Date, if Transaction		(A) o	r	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code Disposed of (D)))	Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)		Owned	Indirect (I)	Ownership	
						Following (Instr. 4)		(Instr. 4)	
					(A)		Reported		
					or		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	05/17/2012	05/17/2012	A	2,588 (1)	A	\$0	63,535	D	
Common Stock	05/17/2012	05/17/2012	A	1,826 (2)	A	\$0	65,361	D	

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

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SEC 1474

(9-02)

 $\label{thm:convertible} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

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January 31,

2005

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1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transacti Code (Instr. 8)	ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Amou Under Securi (Instr.	rlying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer Other				
LOW JOSIAH O III 717 TEXAS SUITE 2800 HOUSTON, TX 77002	X						

Signatures

/s/ Janice Ward for Josiah O. Low III 05/18/2012

**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 granted upon re-election to the Board of Directors under the Amended and Restated 2005 Long-Term Incentive Plan. Shares vest 100% on 05/17/2013.
- (2) Shares granted under the Amended and Restated 2005 Long-term Incentive Plan in lieu of director's annual retainer fee.

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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