Estis William Rufus Form 4 January 05, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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(b).

Common

Stock

01/04/2011

(Print or Type Responses)

1. Name and A Estis William	Address of Reporting 1 m Rufus	Symbol	er Name and Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
		Rosetta	a Resources Inc. [ROSE]					
(Last)	(First) (N	,	of Earliest Transaction Day/Year)	Director 10% Owner X Officer (give title Other (specify				
	5, SCIIL 2000	01704/2	2011	below) below) Vice President and Controller				
	(Street)		endment, Date Original onth/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
HOUSTON	, TX 77002			Form filed by More than One Reporting Person				
(City)	(State)	(Zip) Tak	ole I - Non-Derivative Securities Acc	quired, 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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price	5. Amount of Securities Ownership Indirect Beneficially Form: Direct Beneficial Owned (D) or Ownership Indirect (I) (Instr. 4) Reported (Instr. 4) Transaction(s) (Instr. 3 and 4)				
Common Stock	01/04/2011	01/04/2011	F 577 (1) D \$ 38.005	, 17,245 D				

3,529

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

 $A^{(2)}$

01/04/2011

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.

20,774

D

\$0

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date Exercisable	Expiration Date	Title Nu			
									Number		
				C 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Estis William Rufus 717 TEXAS **SUITE 2800** HOUSTON, TX 77002

Vice President and Controller

Signatures

/s/ Karen Paganis for W. Rufus

Estis 01/05/2011

**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) Shares withheld for tax liability upon vesting of Restricted Stock.
- Restricted Stock awarded under the 2005 Long-Term Incentive Plan. 25% of such shares will vest January 4, 2012, and January 4, 2013, **(2)** respectively, and the remaining 50% will vest January 4, 2014, if continually employed by the company through such period.

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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