Hickey Michael Harold Form 4 August 24, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

Expires:

3235-0287

0.5

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

January 31, 2005

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response...

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Hickey Michael Harold Issuer Symbol Rosetta Resources Inc. [ROSE] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 717 TEXAS, SUITE 2800 08/24/2006 below) below) VP & General Counsel (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

HOUSTON, TX 77002

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial (Month/Day/Year) Owned Indirect (I) Ownership (Instr. 8) Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) (Instr. 3 and 4) Amount (D) Price Common 08/24/2006 08/24/2006 P 500 A 17,068 D 17.55 Stock

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)

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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. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 16					<u>(1)</u>	08/01/2015	Common Stock	26,250
Non-Qualified Stock Option (right to buy)	\$ 18.23					<u>(3)</u>	02/24/2016	Common Stock	8,750

Reporting Owners

Reporting Owner Name / Address	Relationsnips						
	Director	10% Owner	Officer	Other			

Hickey Michael Harold 717 TEXAS, SUITE 2800 HOUSTON, TX 77002

VP & General Counsel

Signatures

Michael H.
Hickey

**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) The options vests 25% at date of grant and 25% at each subsequent anniversary date.
- (2) Options vest 25% on first anniversary date of grant, 25% on second anniversary date of grant and 50% on third anniversary date of grant.
- Options vest 25% at first anniversary date of grant, 25% on second anniversary date of grant and 50% on third anniversary date of grant. Upon vesting, options can then be exercised.

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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