

VALERO ENERGY CORP/TX
Form 4
August 10, 2006

FORM 4

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

OMB APPROVAL

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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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person *
EDWARDS S EUGENE

2. Issuer Name and Ticker or Trading Symbol
VALERO ENERGY CORP/TX
[VLO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
P.O. BOX 696000

(Street)

3. Date of Earliest Transaction (Month/Day/Year)
08/09/2006

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
EVP

SAN ANTONIO, TX 78269-6000

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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 or Price		
Common Stock, \$.01 par value	08/09/2006		S		35,000 D \$ 67.48	69,233	D
Common Stock, \$.01 par value	08/09/2006		M		12,800 A \$ 9.83	82,033	D
Common Stock, \$.01 par value	08/09/2006		F		5,845 D \$ 67.7	76,188	D
Common Stock, \$.01	08/09/2006		M		3,780 A \$ 21.36	79,968	D

par value

Common

Stock, \$.01 08/09/2006

F 2,135 D \$ 67.7 77,833 ⁽¹⁾ D

par value

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

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 control number.

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(9-02)

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 Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Stock Option (right to buy)	\$ 9.83	08/10/2006		M	12,800	10/29/2004 10/29/2013	Common Stock	12,800
Stock Option (right to buy)	\$ 21.36	08/10/2006		M	3,780	10/21/2005 10/21/2014	Common Stock	3,780

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
EDWARDS S EUGENE P.O. BOX 696000 SAN ANTONIO, TX 78269-6000			EVP	

Signatures

J. Stephen Gilbert, as Attorney-in-Fact for S. Eugene Edwards

08/10/2006

**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 77,833 amount does not include 8,348.2101 shares indirectly owned by the reporting person in a thrift plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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