

VALERO ENERGY CORP/TX

Form 4

January 19, 2007

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)

3. Date of Earliest Transaction (Month/Day/Year)
01/17/2007

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

P.O. BOX 696000

(Street)

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

SAN ANTONIO, TX 78269-6000

(City) (State) (Zip)

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock, \$.01 par value	01/17/2007		M	6,198	A \$ 0	86,923	D
Common Stock, \$.01 par value	01/17/2007		M	3,101	A \$ 0	90,024	D
Common Stock, \$.01 par value	01/17/2007		M	2,355	A \$ 0	92,379	D
Common Stock, \$.01	01/17/2007		F	4,346	D \$ 50.39	88,033 ⁽¹⁾	D

par value

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)

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 (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
Performance shares	(2)	01/17/2007		M	4,132	01/17/2007 01/17/2007	Common Stock	4,132
Performance shares	(2)	01/17/2007		M	2,067	01/17/2007 01/17/2008	Common Stock	2,067
Performance shares	(2)	01/17/2007		M	1,570	01/17/2007 01/17/2009	Common Stock	1,570

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 01/19/2007

__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 88,033 amount does not include 8,613.4021 shares indirectly owned by the reporting person in a thrift plan.
- (2) Settlement of previously awarded performance shares at 150% of base shares.

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.