

VALERO ENERGY CORP/TX
 Form 4
 May 16, 2007

FORM 4

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

OMB APPROVAL

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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 *
KLESSE WILLIAM R

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)
05/14/2007

Director 10% Owner
 Officer (give title below) Other (specify below)
COB and CEO

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock, \$.01 par value	05/14/2007		M		134,800	A	\$ 9.1512 715,586
Common Stock, \$.01 par value	05/14/2007		S		134,800	D	\$ 73.5909 580,786
Common Stock, \$.01 par value	05/14/2007		M		5,144	A	\$ 9.1512 585,930

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Common Stock, \$01 par value	05/14/2007	S	5,144	D	\$ 73.5909	580,786	D
Common Stock, \$01 par value	05/14/2007	M	1,384	A	\$ 11.5525	582,170	D
Common Stock, \$01 par value	05/14/2007	S	1,384	D	\$ 73.5909	580,786 ⁽¹⁾	D

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 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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount Number Shares
Employee Stock Option (right to buy)	\$ 9.1512	05/14/2007		M	134,800	12/31/2001 12/01/2008	Common Stock 134,800
Employee Stock Option (right to buy)	\$ 9.1512	05/14/2007		M	5,144	12/31/2001 02/07/2010	Common Stock 5,144
Employee Stock option (right to buy)	\$ 11.5525	05/14/2007		M	1,384	12/22/2005 02/07/2010	Common Stock 1,384

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KLESSE WILLIAM R P.O. BOX 696000 SAN ANTONIO, TX 78269-6000	X		COB and CEO	

Signatures

J. Stephen Gilbert, as Attorney-in-Fact for William R. Klesse
05/16/2007

__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 580,786 amount does not include 23,151.6150 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. 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.