VALERO ENERGY CORP/TX

Form 4

October 31, 2006

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

KLESSE WILLIAM R

(Middle)

(Zip)

(Last) (First)

P.O. BOX 696000

(City)

Common

par value

Stock, \$.01 10/30/2006

SAN ANTONIO, TX 78269-6000

(Street)

(State)

2. Issuer Name and Ticker or Trading

Symbol

VALERO ENERGY CORP/TX [VLO]

3. Date of Earliest Transaction

(Month/Day/Year) 10/30/2006

4. If Amendment, Date Original

Filed(Month/Day/Year)

Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

Code (Instr. 8)

3.

4. Securities Acquired Transaction(A) or Disposed of (D) (Instr. 3, 4 and 5)

(A)

Code V Amount (D) Price

F 2.916 D

52.375

Securities Ownership Beneficially Owned Following Reported

(D) or Indirect (I) (Instr. 4)

Indirect Form: Direct Beneficial Ownership (Instr. 4)

(9-02)

7. Nature of

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

CEO

6. Individual or Joint/Group Filing(Check

X Form filed by One Reporting Person

below)

10% Owner

Other (specify

Issuer

below)

_X__ Director

Applicable Line)

5. Amount of

X_ Officer (give title

Estimated average

burden hours per

(Instr. 3 and 4)

D 551,456 (1)

Transaction(s)

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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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

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

Signatures

J. Stephen Gilbert, as Attorney-in-Fact for William R.
Klesse

**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 551,456 amount does not include 22,935.312 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.

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