VALERO ENERGY CORP/TX

Form 4

November 29, 2004

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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

Washington, D.C. 20549

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * GREEHEY WILLIAM E		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) P.O. BOX 696	(First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year) 11/24/2004	_X_ Director 10% Owner Other (specify below) COB & CEO
	(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person
SAN ANTON	TIO, TX 78269-6000		Form filed by More than One Reporting Person

(City)	(State)	(Zip) Tabl	e I - Non-E	Derivative S	Securi	ities Acqu	iired, Disposed of	, or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4	sposed 4 and 5 (A) or	l of (D) 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)
Common Stock, \$.01 par value	11/24/2004		Code V S	Amount 59,600	(D)	Price \$ 46	2,973,780	D	
Common Stock, \$.01 par value	11/24/2004		S	9,700	D	\$ 46.01	2,964,080	D	
Common Stock, \$.01 par value	11/24/2004		S	10,100	D	\$ 46.02	2,953,980	D	
Common Stock, \$.01	11/24/2004		S	21,200	D	\$ 46.03	2,932,780	D	

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par value							
Common Stock, \$.01 par value	11/24/2004	S	2,000	D	\$ 46.04	2,930,780	D
Common Stock, \$.01 par value	11/24/2004	S	1,700	D	\$ 46.05	2,929,080	D
Common Stock, \$.01 par value	11/24/2004	S	300	D	\$ 46.06	2,928,780	D
Common Stock, \$.01 par value	11/24/2004	S	300	D	\$ 46.07	2,928,480	D
Common Stock, \$.01 par value	11/24/2004	S	400	D	\$ 46.08	2,928,080	D
Common Stock, \$.01 par value	11/24/2004	S	1,200	D	\$ 46.09	2,926,880	D
Common Stock, \$.01 par value	11/24/2004	S	1,300	D	\$ 46.13	2,925,580	D
Common Stock, \$.01 par value	11/24/2004	S	10,000	D	\$ 46.19	2,915,580	D
Common Stock, \$.01 par value	11/24/2004	S	2,000	D	\$ 46.2	2,913,580	D
Common Stock, \$.01 par value	11/24/2004	S	600	D	\$ 46.21	2,912,980	D
Common Stock, \$.01 par value	11/24/2004	S	500	D	\$ 46.22	2,912,480	D
Common Stock, \$.01 par value	11/24/2004	S	1,000	D	\$ 46.23	2,911,480	D
Common Stock, \$.01 par value	11/24/2004	S	200	D	\$ 46.24	2,911,280	D
Common Stock, \$.01 par value	11/24/2004	S	2,500	D	\$ 46.25	2,908,780	D

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Common Stock, \$.01 par value	11/24/2004	S	4,300	D	\$ 46.26	2,904,480	D
Common Stock, \$.01 par value	11/24/2004	S	1,300	D	\$ 46.27	2,903,180	D
Common Stock, \$.01 par value	11/24/2004	S	800	D	\$ 46.28	2,902,380	D
Common Stock, \$.01 par value	11/24/2004	S	1,800	D	\$ 46.29	2,900,580	D
Common Stock, \$.01 par value	11/24/2004	S	10,100	D	\$ 46.3	2,890,480	D
Common Stock, \$.01 par value	11/24/2004	S	3,800	D	\$ 46.31	2,886,680	D
Common Stock, \$.01 par value	11/24/2004	S	5,000	D	\$ 46.32	2,881,680 (1)	D

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.

SEC 1474 (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)	4. Transacti Code (Instr. 8)	5. orNumber of Derivativ Securities Acquired (A) or	3	ate	Amor Unde Secur	le and ant of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo
				Disposed						Trans
				of (D)						(Instr
				(Instr. 3, 4, and 5)						
				, ,				A		
					Date Exercisable	Expiration Date	Title	of		
			Code V	(A) (D)				Shares		

Reporting Owners

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

Signatures

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

Greehey

11/29/2004

**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) 1 of 2 Forms 4 for 11-24-2004

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.

Reporting Owners 4