Elsenhans Lynn Laverty Form 4 December 05, 2008

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.

See Instruction

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(b).

(Last)

(City)

1. Title of

Security

(Instr. 3)

1. Name and Address of Reporting Person *

Elsenhans Lynn Laverty

(Middle)

(First)

(Zip)

(Month/Day/Year)

2. Transaction Date 2A. Deemed

1735 MARKET STREET

(Street)

PHILADELPHIA, PA 19103-7583

(State)

(Month/Day/Year)

2. Issuer Name and Ticker or Trading

Symbol

SUNOCO INC [SUN] 3. Date of Earliest Transaction

(Month/Day/Year) 12/03/2008

4. If Amendment, Date Original

Filed(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities Execution Date, if TransactionAcquired (A) or

Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

Beneficially Owned

(A)

Following Reported Transaction(s)

Issuer

below)

Person

5. Amount of

Securities

_X__ Director

Applicable Line)

X_ Officer (give title

(Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount Underlying Securities (Instr. 3 and 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

6. Ownership

Form: Direct

(D) or Indirect Beneficial

X Form filed by One Reporting Person Form filed by More than One Reporting

(T)

(Instr. 4)

(Check all applicable)

below) CEO/President

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Estimated average

burden hours per

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(Instr. 3)	Price of Derivative Security	(Month/Day/	Year) (In	str. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
			Co	de V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amour Numb Shares
Stock Options (Right to Buy)	\$ 35.29	12/03/2008	A		279,400		12/03/2009(1)	12/03/2018	Common Stock	279,4

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Elsenhans Lynn Laverty 1735 MARKET STREET PHILADELPHIA, PA 19103-7583	X		CEO/President				

Signatures

/s/ Louisa K. Cresson, Attorney-in-Fact

**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).

Stock options (right to buy Sunoco, Inc. common stock) exercisable in one-third installments on the anniversary of the date of grant (i.e. the first installment exercisable on December 3, 2010), and the remaining installment exercisable on December 3, 2011), pursuant to the Sunoco Inc. Long Term Performance Enhancement Plan II "I TPEP II")

installment exercisable on December 3, 2011), pursuant to the Sunoco, Inc. Long-Term Performance Enhancement Plan II "LTPEP II"), in a transaction exempt under Rule 16b-3.

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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