ROWE JOHN W Form 4

December 21, 2005

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 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)

(Last)

(City)

1. Name and Address of Reporting Person * **ROWE JOHN W**

(First) (Middle)

1735 MARKET STREET

(Street)

2. Issuer Name and Ticker or Trading

Symbol

SUNOCO INC [SUN]

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

12/19/2005

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Issuer

(Check all applicable)

X_ Director 10% Owner Other (specify Officer (give title

below)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

6. Ownership

Form: Direct

(Instr. 4)

(D) or Indirect Beneficial

Person

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

PHILADELPHIA, PA 19103-7583 (State)

1.Title of 2. Transaction Date 2A. Deemed

Security (Instr. 3)

(Zip)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

or

5. Amount of Securities Beneficially Owned Following Reported (A)

Transaction(s) (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.

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SEC 1474 (9-02)

7. Nature of

Ownership

(Instr. 4)

Indirect

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

(Instr. 8)

1. Title of Derivative Conversion Security or Exercise (Instr. 3) Price of

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

Execution Date, if (Month/Day/Year)

5. Number of 4 TransactionDerivative Code Securities

Acquired (A) or

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

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

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	Derivative Security	Disposed of (D) (Instr. 3, 4, and 5)								
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Deferred Share Units	(1)	12/19/2005	A(2)		229.249		08/08/1988	08/08/1988	Common Stock	229.24
Phantom Stock Units	<u>(1)</u>	12/19/2005	A(4)		279.687		08/08/1988	08/08/1988	Common Stock	279.68

Reporting Owners

Reporting Owner Name / Address	Relationships					
FG	Director	10% Owner	Officer	Other		
ROWE JOHN W	v					
1735 MARKET STREET PHILADELPHIA, PA 19103-7583	X					

Signatures

Louisa K. Cresson, Attorney-in-fact for John W.
Rowe
12/21/2005

**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).
- (4) Crediting of share units representing voluntary deferred compensation pursuant to the Sunoco, Inc. Directors Deferred Compensation Plan II, in transactions exempt under Rule 16b-3(d).
- (1) Conversion rate is 1 for 1.
- (5) Total of 7,088.401 phantom stock units beneficially owned following reported transaction.
- Yearly election credit increase credited as restricted share units acquired pursuant to the Sunoco, Inc. Directors' Deferred Compensation Plan II in transaction exempt under Rule 16b-3(d).
- (3) Total of 2,096.411 restricted share units beneficially owned following reported transaction.

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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