SUNOCO INC Form 4 December 12, 2006

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

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

obligations

Check this box

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

See Instruction

may continue. 30(h) of the Investment Company Act of 1940 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

JONES JOHN P III

(First) (Middle)

(Last)

1735 MARKET STREET

(Street)

2. Issuer Name and Ticker or Trading

Symbol

SUNOCO INC [SUN] 3. Date of Earliest Transaction

(Month/Day/Year)

12/08/2006

4. If Amendment, Date Original

Filed(Month/Day/Year)

response...

Estimated average

burden hours per

OMB

Number:

Expires:

OMB APPROVAL

3235-0287

January 31,

2005

0.5

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

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

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

5. Amount of

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

(City) (State) (Zip)

PHILADELPHIA, PA 19103-7583

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

2. Transaction Date 2A. Deemed

(Month/Day/Year)

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

(Instr. 3, 4 and 5)

or

Securities Beneficially Owned Following (A)

Reported 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.

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)

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

Price of

(Instr. 3)

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

Execution Date, if (Month/Day/Year)

5. Number 4 Transaction Derivative Code Securities

Acquired

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

7. Title and Amount of 8. Price **Underlying Securities** (Instr. 3 and 4)

Deriva Securi (Instr.

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	Derivative Security			(D)	Disposed of (D) (Instr. 3, 4,					
			Code	V (A)	. ,	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Deferred Share Units	(1)	12/08/2006	A	1.743		(2)	(2)	Common Stock	1.743	\$ 66.
Phantom Stock Units	<u>(1)</u>	12/08/2006	A	1.374		(2)	(2)	Common Stock	1.374	\$ 66.

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
JONES JOHN P III							
1735 MARKET STREET	X						
PHILADELPHIA, PA 19103-7583							

Signatures

John J. DiRocco, Jr., Attorney-in-fact for John P.
Jones, III

12/12/2006

**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).
- (2) Not Applicable
- (3) Total of 467.429 Deferred Share Units under Sunoco, Inc.'s Directors' Deferred Compensation Plan II, beneficially owned following reported transaction.
- (1) Conversion rate is 1 for 1.
- (4) Total of 368.328 Phantom Stock Units under Sunoco, Inc.'s Directors' Deferred Compensation Plan II, 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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