

SUNOCO INC
 Form 4
 December 06, 2006

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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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. Name and Address of Reporting Person *
 Kelley Vincent J

(Last) (First) (Middle)
 1735 MARKET STREET
 (Street)

PHILADELPHIA, PA 19103-7583

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 SUNOCO INC [SUN]

3. Date of Earliest Transaction (Month/Day/Year)
 12/05/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Senior Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ____ Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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)
			Code	V	Amount	(A) or (D)	Price
Common Stock	12/05/2006		M/K ⁽¹⁾		14,000	A	\$ 41.28
Common Stock	12/05/2006		F		10,719	D	\$ 67.46
Common Stock					2,533.702	I	
							ESOP Trust

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

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number.

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Stock Options (Right to buy)	\$ 41.28	12/05/2006		M/K ⁽¹⁾	14,000	12/01/2006 12/01/2014	Common Stock	14,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Kelley Vincent J 1735 MARKET STREET PHILADELPHIA, PA 19103-7583			Senior Vice President	

Signatures

John J. DiRocco, Jr., Attorney-in-fact for Vincent J. Kelley
12/06/2006

__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).

Exercise, via stock swap, of 14,000 stock options granted in 2004 at an option price of \$41.28 in compliance with Rule 16(b)3 under the (1) Sunoco, Inc. Long Term Performance Enhancement Plan II ("LTPEP II") for net of 3,281 shares of Sunoco, Inc. common stock issued to reporting person (8,566 shares swapped to pay option price and 2,153 shares used for tax withholding obligation).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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