

SUNOCO INC  
 Form 3  
 February 06, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *			2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Hennigan Michael J			(Month/Day/Year)	SUNOCO INC [SUN]	
(Last)	(First)	(Middle)	02/02/2006	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
1735 MARKET STREET					
(Street)				(Check all applicable)	
PHILADELPHIA,Â PAÂ 19103-7583				<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)		<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below)	<input type="checkbox"/> Form filed by One Reporting Person
				Senior Vice President	<input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2,682	D	Â

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

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

						(I) (Instr. 5)	
Share Units	Â (2)	Â (2)	Common Stock	6,052	\$ (1)	D	Â
Stock Options (Right to buy)	12/03/2005	12/03/2013	Common Stock	18,400	\$ 24.51	D	Â
Stock Options (Right to buy)	12/01/2006	12/01/2014	Common Stock	11,200	\$ 41.28	D	Â
Stock Options (Right to buy)	11/30/2007	11/30/2015	Common Stock	5,200	\$ 77.54	D	Â

## Reporting Owners

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

## Signatures

Louisa K. Cresson, Attorney-in-fact for Michael J. Hennigan  
 Date: 02/06/2006

Signature of Reporting Person: \_\_\_\_\_ Date: \_\_\_\_\_

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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
- (1) Conversion rate is 1 for 1.

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.