Form 5 February 14, 2008					
FORM 5				OMB API	PROVAL
Check this box if no longer subject	UNITED STATES S	OMB Number: Expires:	3235-0362 January 31, 2005		
to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Form 3 Holdings S Reported Form 4 Transactions Reported	ANNUAL STAT O Filed pursuant to Sec Section 17(a) of the Pu 30(h) of	Act of 1934, 1935 or Section	Estimated av burden hours response	verage	
1. Name and Address of DINGUS MICHA		2. Issuer Name and Ticker or Trading Symbol SUNOCO INC [SUN]	5. Relationship of Issuer	1 0	
(Last) (F 1735 MARKET S	⁷ irst) (Middle) TREET	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)12/31/2007	Director XOfficer (give below)		Owner r (specify
(S	treet)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Jo (check	oint/Group Repo	orting

PHILADELPHIA, PAÂ 19103-7583

SUNOCO INC

X Form Filed by One Reporting Person ____ Form Filed by More than One Reporting Person

(City)	(State)	(Zip) 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. Securi Acquired Disposed (Instr. 3, Amount	l (A) c l of (D))	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Common Stock	Â	Â	Â	Â	Â	Â	28,796.814	D	Â	
Common Stock	12/31/2007	Â	J <u>(1)</u>	283	А	\$ 0 (2)	10,671	Ι	ESOP Trust	

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 2270 (9-02)

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)	9. of D S B O Eı Is Fi (I
				(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
DINGUS MICHAEL H R 1735 MARKET STREET PHILADELPHIA, PA 19103-7583	Â	Â	Senior Vice President	Â		
Signatures						
John J. DiRocco, Jr., Attorney-in-fact fo Dingus	02/14/2008					

**Signature of Reporting Person

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) Price ranged from \$59.99 to \$72.44 during fiscal year 2007. This information is supplied by the Plan Administrator for the Sunoco, Inc. Capital Accumulation Plan ("SUNCAP").

Date

(1) Routine, periodic acquisition of share equivalents pursuant to the Sunoco, Inc. Capital Accumulation Plan in transactions exempt under Rule 16(b). This information is provided by the Plan Administrator.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.