MURPHY TERRY M

Form 4

January 29, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

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Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person	*
MURPHY TERRY M	

(First)

(State)

(Middle)

(Zip)

Symbol SMITH A O CORP [AOS]

5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Issuer

(Month/Day/Year)

Filed(Month/Day/Year)

01/28/2009

3. Date of Earliest Transaction

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

(Check all applicable)

Executive Vice President & CFO

A. O. SMITH CORPORATION, 11270 WEST PARK PLACE

> (Street) 4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

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

MILWAUKEE, WI 53224

		Table 1 Tion Bertvative Securities Required, Disposed 61, 61 Beneficiary Owned							
1.Title of Security	2. Transaction Date (Month/Day/Year)	ction Date 2A. Deemed 3. 4. Securities Acquired (A) Day/Year) Execution Date, if Transactiom Disposed of (D)					5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)		any	Code	Code (Instr. 3, 4 and 5)			Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
							Following	or Indirect	(Instr. 4)
					(A)		Reported	(I)	
					or		Transaction(s)	(Instr. 4)	
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common	01/28/2009		M	21,000	A	\$ 29.875	21,000	D	
Stock						29.873			
Common Stock	01/28/2009		F	8,495	D	\$ 29.875	12,505	D	

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

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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. Transactic Code (Instr. 8)	5. Number of or 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)		8. F Der Sec (Ins
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	<u>(1)</u>	01/28/2009		M	21,000	<u>(1)</u>	<u>(1)</u>	Common Stock	21,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MURPHY TERRY M A. O. SMITH CORPORATION 11270 WEST PARK PLACE MILWAUKEE, WI 53224

Executive Vice President & CFO

Signatures

James F. Stern, Attorney-in-Fact for Terry M. Murphy

01/29/2009

Date

**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).
- 21,000 shares of phantom stock were granted on January 3, 2006, under the A. O. Smith Combined Executive Incentive Compensation
 (1) Plan, a transaction exempt under Rule 16b-3. The 21,000 shares of phantom stock vested on January 28, 2009. As a result of the vesting, the Company is obligated to deliver 21,000 shares of Common Stock to the reporting person.

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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