FORM 4

obligations may continue. See Instruction 1(b).

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

wasnington,	D.C.	20549

STATEMENT O	F CHANGES IN	BENEFICIAL	OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person* GREUBEL WILLIAM P			2. Issuer Name and Ticker or Trading Symbol SMITH A O CORP [AOS]						(CI	Relationship of Reporting Person(s) to Issuer (Check all applicable)							
GREUDEL WILLIAM P								_				X Direct	or		10% Ov	vner	
(Last)	`	rst) (Middle)		3. Date of Earliest Transaction (Month/Day/Year) 04/02/2007							Officer (give title below)			Other (s below)	specify	
1000 SAGAMORE PARKWAY SOUTH																	
			4.	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)	TTE IN	1 4	47905									- 1	X Form	filed by One		•	
(City)	(Si	tate) (Zip)										Perso				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
Date			Transactior ate lonth/Day/Y	Execution Date,		3. Transaction Code (Instr. 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) 5)					Form:	Direct Indirect Istr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
						Code	v	Amount	(A) o (D)	r Price	Transac (Instr. 3	ction(s)			,		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																	
Security or Exercise (Month/Day/Year) if any			Execution Date	Code	Transaction Code (Instr. 8)		of E		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	y G	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable		piration te	Title	Amount or Number of Shares					
Phantom Stock Award ⁽¹⁾	\$38.085	04/02/2007		A		1,576		(2)		(2)	Common Stock	1,576	\$0	2,315		D	

Explanation of Responses:

- 1. Payment of portion of retainer in Phantom Stock under the A. O. Smith Corporation Directors' Compensation Plan based on the market price of the Common Stock on April 2, 2007.
- 2. The Plan permits the participant to defer the receipt of the award, and Mr. Greubel has made a deferral.

Remarks:

W. David Romoser, Attorneyin-Fact for William P. Greubel

04/03/2007

** Signature of Reporting Person

Date

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

- * 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).

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

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 Number.