FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

A. O. SMITH CORPORATION   11270 WSST PARK PLACE								` '											
Common Stock				n*											(Cł	neck all app Direc	olicable) ctor	10% C	Owner
Table   Non-Derivative   Security (Inst. 3)   Same   Non-Derivative   Security (Inst. 3)   Securities   Security (Inst. 3)   Securities   Security (Inst. 3)   Securities		IITH CORI	TH CORPORATION				1 ' '									below) below)			)
Table 1- Non-Derivative   Security (Instr. 3)   A December   Security (Instr. 3)   Security (Instr. 4)   Secur	(Stroot)					_ 4. If	Amer	ndment,	Date o	f Origina	l Filed	d (Month/Da	ay/Yea	ır)			r Joint/Group	Filing (Check A	pplicable
Table   - Non-Derivative   Parameter   P		JKEE W	T	53224													,		
Table 1 - Nort-   Parish   Table 1 - Nort-   Table 2 - Nort-   Table 1 - Nort-   Table 2 - Nort-   Table 3 - Nort-   T	(City)	(51	tate)	(7in)		-												е шан Опе Кер	orting
Common   Stock	(Oity)				n-Deriv	/ative	Sec	uritie	s Acc	uired.	Dis	nosed o	f. or	Bene	ficial	lly Owne	-d		
Common Stock   State   Common Stock   Common Stoc	1. Title of Security (Instr. 3)		2. Transaction Date		2A. Deemed Execution Date, ar) if any		3. Transaction Code (Instr.		4. Securities Acquired (A)		A) or	5. Am Secur Benef Owner	5. Amount of Securities Beneficially Owned Following	Form: Direct (D) or Indirect	of Indirect Beneficial Ownership				
Common Stock										Code	v	Amount	(A (C	() or ()	Price	Trans	action(s)		(instr. 4)
Common Stock	Common	Stock			01/25	/2007				S <sup>(1)</sup>		200		D	\$38.3	11 5	66,487	D	
Common Stock	Common	Stock			01/25	/2007				S <sup>(1)</sup>		200		D	\$38.3	32 5	6,287	D	
Common Stock	Common	Stock			01/25	/2007				S <sup>(1)</sup>		200		D	\$38.3	33 5	6,087	D	
Common Stock	Common	Stock			01/25	/2007				S <sup>(1)</sup>		800		D	\$38.3	34 5	55,287	D	
Common Stock	Common	Stock			01/25	/2007				S <sup>(1)</sup>		1,700		D	\$38.3	35 5	3,587	D	
Common Stock   01/25/2007   S(I)   300   D   \$38.41   50,287   D	Common	Stock			01/25	/2007				S <sup>(1)</sup>		200		D	\$38.3	37 5	3,387	D	
Common Stock   01/25/2007   S(1)   100   D   \$38.41   50,287   D	Common	Stock			01/25	/2007				S <sup>(1)</sup>		200		D	\$38.3	39 5	3,187	D	
Common Stock   01/25/2007   S(1)   200   D   \$38.42   50,187   D	Common	Stock			01/25	/2007				S <sup>(1)</sup>		2,600		D	\$38.	4 5	50,587	D	
Common Stock   01/25/2007   S(1)   200   D   \$38.44   49,987   D	Common	Stock			01/25	/2007				S <sup>(1)</sup>		300		D	\$38.4	1 5	50,287	D	
Common Stock   01/25/2007   S(1)   200   D   \$38.45   49,287   D	Common	Stock			01/25	/2007				S <sup>(1)</sup>		100		D	\$38.4	12 5	50,187	D	
Common Stock  O1/25/2007  S(1)  950  D \$38.53  49,087  D  Common Stock  O1/25/2007  S(1)  100  D \$38.55  48,037  D  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  Conversion or Exercise Price of Derivative Securities  Acquired (A) or Disposed of (D) (Instr. 3)  Or Exercise Price of Derivative Securities  Securities  Amount of Securities Securities (Month/Day/Year)  Or Exercise Price of Derivative Securities (Month/Day/Year)  Or II. Nature of Derivative Securities (Month/Day/Year)  Or II. Nature of Securities (Month/Day/Year)  Or II. Nature of Derivative Securities (Month/Day/Year)  Or II. Nature of Deriva	Common	Stock			01/25	/2007				S <sup>(1)</sup>		200		D	\$38.4	4 4	19,987	D	
Common Stock  O1/25/2007  S(1)  100  D  \$38.53  48,137  D  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  L. Title of Derivative Securities  Conversion or Exercise Price of Derivative Security (Month/Day/Year) (Month/Day/Year)  Price of Derivative Security  Security  (Month/Day/Year)  (Instr. 3, 4 and 5)  (Instr. 4)  (Instr. 4)  (Instr. 4)	Common	Stock			01/25	/2007				S <sup>(1)</sup>		700		D	\$38.4	15 4	19,287	D	
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  L. Title of Derivative Security (Instr. 3)  L. Title of Derivative Security Security Security  L. Title of Derivative Security (Month/Day/Year)  L. Title of Derivative Securities (Month/Day/Year)  L. Title of Securities (Month/Day/Year)  L. Title of Derivative Securities (Month/Day/Year)  L. Title of De	Common	Stock			01/25	/2007				S <sup>(1)</sup>		200		D	\$38.	5 4	19,087	D	
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  L. Title of Derivative Security (Instr. 3)  Price of Derivative Security  Security  Nonth/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Securities  A. Deemed Execution Date, or Exercise Derivative Securities  (Month/Day/Year)  Nonth/Day/Year)  Table II - Derivative Securities Acquired (A) or Date (Month/Day/Year)  Security (Instr. 3)  Amount or Securities Security (Instr. 5)  Number of Derivative Securities Securities Direct (D) ownership Securities Direct (D) or Indirect Porms: Direct (D) or Indirect (Nonth/Day/Year)  Number of Derivative Securities Direct (D) ownership Securities Direct (D) or Indirect (Nonth/Day/Year)  Number of Derivative Securities Direct (D) ownership Securities Direct (D) or Indirect (Nonth/Day/Year)  Number of Derivative Securities Direct (D) or Indirect (D) o	Common	Stock			01/25	/2007				S <sup>(1)</sup>		950		D	\$38.5	53 4	18,137	D	
(e.g., puts, calls, warrants, options, convertible securities)  L. Title of Derivative Security Instr. 3)  Conversion or Exercise Price of Derivative Security Security Security  Code V (A) (D) Date Exercisable and Securition Date (A) or Disposed of (D) (Instr. 3, 4 and 5)  Code V (A) (D) Date Exercisable and Expiration Date (Month/Day/Year)  Amount of Securities Underlying Securities Security (Instr. 3)  Amount or Number of Derivative Security (Instr. 4)  Code V (A) (D) Date Exercisable Expiration Date (I) (Instr. 4)  Expiration Date (I) (Instr. 4)	Common	Stock			01/25	/2007				S <sup>(1)</sup>		100		D	\$38.5	55 4	18,037	D	
L. Title of Derivative Security Instr. 3)    Conversion or Exercise Price of Derivative Security Securities Securities Security Securities Securitie																Owned			
Code V (A) (D) Date Expiration Date Title Shares	Derivative Conversion Date Executive Gecurity Price of Perice of Derivative Execution In Security Openivative Execution In Security (Month/Day/Year) (Month/Day/Year)		3A. Deer Execution	med 4. on Date, Transa Code (		ction	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		6. Date Exerci Expiration Dat		sable and te	7. Title and Amount of Securities Underlying Derivative Security (Instr.			Derivative Security	derivative Securities Beneficially Owned Following Reported Transaction(s	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership	
	ynlanatio	of Resnore	Ses:			Code	v	(A)	(D)		able		Title	or Num of	ber				

1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on October 10, 2006.

## Remarks:

W. David Romoser

01/29/2007

\*\* Signature of Reporting Person

Date

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

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.

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).