FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL								
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Estimated average burden								
hours per response:	0.5							

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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* <u>Strobel Jeffrey W.</u>						2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ACI]									heck all ap Dire	plicable) ctor		Owner
(Last) (First) (Middle) ONE CITYPLACE DRIVE						3. Date of Earliest Transaction (Month/Day/Year) 03/29/2012									^ belo	ficer (give title Other low) below below Crees, Bus Dev & Strate		′
(Street) ST. LOUIS MO 63141 (City) (State) (Zip)						4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Lir	ne) X Forr Forr	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person			
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da					Execution Date,			Code (Instr. 5)				d Secur Benef	icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Ownership			
								Code	v	Amount) or)	Price	Trans	action(s) 3 and 4)		(Instr. 4)	
Common Stock 03/29/					2012		P		1,000 A		A	\$1 <mark>0</mark> .	51	10,400	D			
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/Yea	Date,	4. Transactic Code (Ins				6. Date Exercise Expiration Date (Month/Day/Yea		9	7. Title and Amount of Securities Underlying Derivative Security (Instr and 4)		str. 3	8. Price of Derivative Security (Instr. 5)	e derivative	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercisal		Expiration Date	Title	or Num of Shai	ber				

Explanation of Responses:

Remarks:

/s/ Jon S. Ploetz, Attorney-in-

<u>Fact</u>

** Signature of Reporting Person

Date

04/02/2012

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.