SEC Form 3

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Add <u>Kelley Alle</u>	F	2. Date of Event Requiring Statement (Month/Day/Year) 03/03/2014		3. Issuer Name and Ticker or Trading Symbol <u>ARCH COAL INC</u> [ACI]						
(Last) (First) (Middle) ONE CITYPLACE DRIVE SUITE 300 (Street) ST. LOUIS MO 63141					4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title Other (specify below) below) VP - Human Resources		r 03/0 cify 6. Ind Appli	 5. If Amendment, Date of Original Filed (Month/Day/Year) 03/05/2014 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One 		
(City)	(State)	(Zip)						Reporting Person		
Table I - Non-Derivative Securities Beneficially Owned										
1. Title of Security (Instr. 4)					2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownersh Form: Direc or Indirect ((Instr. 5)	ct (D) (Instr. 5)			
Common Stock					400	D				
Common Stock					2,710	Ι	By 4	01(k)		
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)										
1. Title of Derivative Security (Instr. 4)			2. Date Exercisable an Expiration Date (Month/Day/Year)		d 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
			Date Exercisable	Expiratio Date	n Title	Amount or Number of Shares	Price of Derivative Security	Direct (D) or Indirect (I) (Instr. 5)		
Employee Stock Options			(1)	02/27/2017	7 Employee Stock Options	4,150	32.99	D		
Employee Stock Options			(2)	02/21/201	8 Employee Stock Options	2,250	52.69	D		
Employee Stock Options			(3)	02/19/2019	9 Employee Stock Options	3,750	14.05	D		
Employee Stock Options			(4)	02/18/202	0 Employee Stock Options	2,800	22.65	D		
Employee Stock Options			(5)	02/24/202	1 Employee Stock Options	2,300	32.49	D		
Employee Stock Options			(6)	02/23/2022	2 Employee Stock Options	3,750	13.93	D		
Employee Stock Options			(7)	02/28/2023	3 Employee Stock Options	7,400	5.23	D		
Restricted Stock Units			(8)	(9)	Restricted Stock Units	1,500	13.93	D		
Restricted Stock Units			(10)	(9)	Restricted Stock Units	3,600	5.23	D		

Explanation of Responses:

1. The reporting person received 4,150 stock options on February 22, 2007. All the stock options vested on February 22, 2010.

2. The reporting person received 2,250 stock options on February 21, 2008. All the stock options vested on February 21, 2011.

3. The reporting person received 3,750 stock options on February 19, 2009. All the stock options vested on February 19, 2013.

4. The reporting person received 2,800 stock options on February 18, 2010. All stock options vested on February 18, 2014.

5. The reporting person received 2,300 stock options on February 24, 2011. All the stock options vested on February 24, 2014.

6. The reporting person received 3,750 stock options on February 23, 2012. The stock options vest ratably over 3 years as follows: 1,250 shares vested on February 23, 2013; 1,250 shares vested on February 23, 2014; and 1,250 shares will vest on February 23, 2015.

7. The reporting person received 7,400 stock options on February 28, 2013. The options will vest ratably over 3 years as follows: 2,467 shares vested on February 28, 2014; 2,467 shares will vest on February 28, 2015; and 2,466 shares will vest on February 28, 2016.

8. The reporting person erceived 1,500 restricted stock units on February 23, 2012. All of these restricted stock units vest on February 23, 2015.

9. The restricted stock units do not expire.

10. The reporting person received 3,600 restricted stock units on February 28, 2013. All of these restricted stock units vest on February 28, 2016.

Remarks:

<u>/s/ Jon S. Ploetz, Attorney-in-</u> <u>Fact</u> 03/07/2014

** 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 5 (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.