UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G

(Amendment No. 4)

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

Antero Resources Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

03674X 106

(CUSIP Number)

December 31, 2017

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

X Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 03674X 106

13G

1	Name Warbu	of Rej irg Pir	porting Persons icus Private Equity VIII, L.P.				
2	Check (a)	Check the Appropriate Box if a Member of a Group a) □					
	(b)	X					
3	SEC U	Jse Or	ly				
4	Citizer Delaw		or Place of Organization				
		5	Sole Voting Power 0				
Number of Shares		6	Shared Voting Power 5,194 (1)				
Beneficially Owned by	7						

Each Reporting Person With	h	7	Sole Dispositive Power 0
		8	Shared Dispositive Power 5,194 (1)
9	Aggre 5,194		mount Beneficially Owned by Each Reporting Person
10	Check	k Box i	f the Aggregate Amount in Row (9) Excludes Certain Shares
11		nt of C 1an 1%	lass Represented by Amount in Row 9 (2)
12	Type PN	of Rep	orting Person
			erson expressly disclaims beneficial ownership with respect to any shares of Common Stock (as defined in Item dule 13G) in excess of its economic interest in the Common Stock.
			based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the the U.S. Securities and Exchange Commission on November 1, 2017.
Issu	uer me	u with	the 0.5. Securities and Exchange Commission on November 1, 2017.
Issu			2
Issu CUSIP No. 1	03674 Name	X 106	2 13G
CUSIP No.	03674 Name	X 106	2 13G
CUSIP No. 1	03674 Name Warb	X 106 of Rep urg Pin	2 13G
CUSIP No. 1	03674 Name Warb	X 106 of Rep urg Pin	2 13G porting Persons neus Private Equity X, L.P.
CUSIP No. 1	03674 Name Warb Check (a) (b)	X 106 of Repurg Pin to the A	2 13G porting Persons icus Private Equity X, L.P. ppropriate Box if a Member of a Group
CUSIP No. 1 2	03674 Name Warb Check (a) (b) SEC 1	EX 106 e of Rep urg Pin k the A Use On enship o	2 13G porting Persons icus Private Equity X, L.P. ppropriate Box if a Member of a Group
CUSIP No. 1 2 3	03674 Name Warb Check (a) (b) SEC I	EX 106 e of Rep urg Pin k the A Use On enship o	2 13G porting Persons icus Private Equity X, L.P. ppropriate Box if a Member of a Group lly
CUSIP No. 1 2 3 4 Number of Shares Beneficially	03674 Name Warb Check (a) (b) SEC I Citize Delav	EX 106 e of Rep urg Pin k the A Use On Use On enship o vare	2 13G porting Persons icus Private Equity X, L.P. ppropriate Box if a Member of a Group ly sole Voting Power
CUSIP No. 1 2 3 4 Number of Shares	03674 Name Warb Check (a) (b) SEC U Citize Delav	X 106 e of Rep urg Pin k the A Use On enship ovare	2 13G porting Persons prover Box if a Member of a Group ly for Place of Organization Sole Voting Power 0 Shared Voting Power

9 Aggregate Amount Beneficially Owned by Each Reporting Person 11,790,102 (1)

10	Chec	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares			
11	Percent of Class Represented by Amount in Row 9 3.7%(2)				
12	Type PN	of Rep	porting Person		
			erson expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its st in the Common Stock.		
			e based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the the U.S. Securities and Exchange Commission on November 1, 2017.		
			3		
CUSIP No	. 03674	4X 106	13G		
1	Name Warb	e of Re ourg Pir	porting Persons neus X Partners, L.P.		
2	Chec	k the A	ppropriate Box if a Member of a Group		
	(a)				
	(b)	X			
3	SEC	Use Oi	ıly		
4	Citize Delav		or Place of Organization		
		5	Sole Voting Power 0		
Number of Shares Beneficial	ly	6	Shared Voting Power 1,445,774 (1)		
Owned by Each Reporting Person Wi		7	Sole Dispositive Power 0		
		8	Shared Dispositive Power 1,445,774 (1)		
9	Aggregate Amount Beneficially Owned by Each Reporting Person 1,445,774 (1)				
10	Chec	k Box i	if the Aggregate Amount in Row (9) Excludes Certain Shares		
11		ent of C han 1%	Class Represented by Amount in Row 9 (2)		
12	Type PN	of Rep	porting Person		

⁽¹⁾ The reporting person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its

economic interest in the Common Stock.

(2) Calculations are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the Issuer filed with the U.S. Securities and Exchange Commission on November 1, 2017.

			4
CUSIP No.	02674	V 106	13G
CUSIP No.	030/4	·A 100	130
1	Name Warb	of Re urg Pir	porting Persons neus Private Equity X O&G, L.P.
2			ppropriate Box if a Member of a Group
	(a) (b)		
3	SEC	Use Or	aly
4	Citize Delav		or Place of Organization
		5	Sole Voting Power 0
Number of Shares Beneficially	7	6	Shared Voting Power 33,367,991 (1)
Owned by Each Reporting Person With	1	7	Sole Dispositive Power 0
		8	Shared Dispositive Power 33,367,991 (1)
9		egate A 7,991 (Amount Beneficially Owned by Each Reporting Person (1)
10	Check	c Box i	if the Aggregate Amount in Row (9) Excludes Certain Shares
11	Perce: 10.6%		Class Represented by Amount in Row 9
12	Type PN	of Rep	porting Person

- (1) The reporting person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its economic interest in the Common Stock.
- (2) Calculations are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the Issuer filed with the U.S. Securities and Exchange Commission on November 1, 2017.

5

2	Check	the A	ppropriate Box if a Member of a Group
	(a)		
	(b)	X	
3	SEC U	Use Or	ıly
4	Citize Delaw		or Place of Organization
		5	Sole Voting Power 0
Number of Shares Beneficially	ł	6	Shared Voting Power 46,604,407 (1)
Owned by Each Reporting Person With	h	7	Sole Dispositive Power 0
		8	Shared Dispositive Power 46,604,407 (1)
9		egate A 4,407 (Amount Beneficially Owned by Each Reporting Person (1)
10	Check	c Box i	if the Aggregate Amount in Row (9) Excludes Certain Shares
11	Percer 14.8%		lass Represented by Amount in Row 9
12	Type PN	of Rep	orting Person
eco (2) Ca	nomic lculatio	intere: ons are	erson expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its st in the Common Stock. e based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the the U.S. Securities and Exchange Commission on November 1, 2017.
			0
CUSIP No.	03674	X 106	13G
1			porting Persons neus X GP L.P.
2	Check (a)	the A □	ppropriate Box if a Member of a Group
	(b)	X	
3	SEC U	Use Or	ıly

4	Citizenship or Place of Organization
	Delaware

	5	Sole Voting Power 0
Number of Shares Beneficially	6	Shared Voting Power 46,604,407 (1)
Owned by Each Reporting Person With	7	Sole Dispositive Power 0
	8	Shared Dispositive Power 46,604,407 (1)
	Aggregat 6,604,40	e Amount Beneficially Owned by Each Reporting Person 07 (1)
10 0	Check Bo	ox if the Aggregate Amount in Row (9) Excludes Certain Shares
	Percent o 4.8% (2	f Class Represented by Amount in Row 9)
		Reporting Person
	PN	
(1) The econ. (2) Calc	PN reporting omic into ulations	g person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its erest in the Common Stock. are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the
(1) The econ. (2) Calc	PN reporting omic into ulations	g person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its erest in the Common Stock.
(1) The econ. (2) Calc	PN reporting omic into ulations	g person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its erest in the Common Stock. are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the rith the U.S. Securities and Exchange Commission on November 1, 2017.
(1) The econ. (2) Calc	reporting omic into ulations er filed w	g person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its erest in the Common Stock. are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the ith the U.S. Securities and Exchange Commission on November 1, 2017. 7
(1) The econo (2) Calc Issue	reporting omic into ulations or filed w 3674X 1	g person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its erest in the Common Stock. are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the ith the U.S. Securities and Exchange Commission on November 1, 2017. 7 06 13G Reporting Persons
(1) The econo (2) Calc Issue CUSIP No. 0 1 <u>N</u> 2 (reporting omic into ulations or filed w 3674X 1 Jame of VPP GP	g person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its erest in the Common Stock. are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the rith the U.S. Securities and Exchange Commission on November 1, 2017. 7 06 13G Reporting Persons LLC e Appropriate Box if a Member of a Group
F (1) The econd (2) Calc Issue Issue 1 N 2 C (1) (1)	reporting omic into ulations or filed w 3674X 1 Name of VPP GP Check the a)	g person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its erest in the Common Stock. are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the ith the U.S. Securities and Exchange Commission on November 1, 2017. 7 06 13G Reporting Persons LLC e Appropriate Box if a Member of a Group

		5	Sole Voting Power 0
Number of Shares Beneficially	7	6	Shared Voting Power 46,604,407 (1)
Owned by Each Reporting Person With	1	7	Sole Dispositive Power 0
		8	Shared Dispositive Power 46,604,407 (1)
9		egate A 4,407 (mount Beneficially Owned by Each Reporting Person 1)
10	Check	c Box i	f the Aggregate Amount in Row (9) Excludes Certain Shares
11	Perce 14.8%		lass Represented by Amount in Row 9
12	Type OO	of Rep	orting Person
(1) Th	e repoi	rting pe	erson expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its
eco	nomic	interes	st in the Common Stock.
			based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the the U.S. Securities and Exchange Commission on November 1, 2017.
			8
CUSIP No.	03674	X 106	13G
1			porting Persons cus Partners, L.P.
2	Check	c the A	ppropriate Box if a Member of a Group
	(a) (b)		
3	SEC	Use Or	ly
4	Citizenship or Place of Organization Delaware		
		5	Sole Voting Power 0
Number of Shares		6	Shared Voting Power 46,609,601 (1)
Beneficially Owned by Each Reporting Person Witl		7	Sole Dispositive Power 0
	1		

8	Shared Dispositive Power
	46,609,601 (1)

9		egate A 9,601 (mount Beneficially Owned by Each Reporting Person (1)		
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares				
11	Perce 14.8%		lass Represented by Amount in Row 9		
12	Type PN	of Rep	orting Person		
			erson expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its st in the Common Stock.		
			based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the the U.S. Securities and Exchange Commission on November 1, 2017.		
			9		
CUSIP No.	. 03674	X 106	13G		
1	Name Warb	e of Rej urg Pir	porting Persons neus Partners GP LLC		
2			ppropriate Box if a Member of a Group		
	(a) (b)				
3	SEC	Use Or	ıly		
4	Citize Delav		or Place of Organization		
		5	Sole Voting Power 0		
Number of Shares Beneficiall		6	Shared Voting Power 46,609,601 (1)		
Owned by Each Reporting Person Wit	h	7	Sole Dispositive Power 0		
		8	Shared Dispositive Power 46,609,601 (1)		
9		egate A 9,601 (amount Beneficially Owned by Each Reporting Person (1)		
10	Chec	k Box i	f the Aggregate Amount in Row (9) Excludes Certain Shares		

14.8% (2)

12 Type of Reporting Person OO

			erson expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its st in the Common Stock.						
		lculations are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the ner filed with the U.S. Securities and Exchange Commission on November 1, 2017.							
135		u with	10						
CUSIP No.	. 03674	X 106	13G						
1			porting Persons neus & Co.						
2	Check (a)	c the A □	ppropriate Box if a Member of a Group						
	(b)	X							
3	SEC U	Use Or	ıly						
4	Citize New `		or Place of Organization						
		5	Sole Voting Power 0						
Number of Shares Beneficiall		6	Shared Voting Power 46,609,601 (1)						
Owned by Each Reporting Person Wit	h	7	Sole Dispositive Power 0						
		8	Shared Dispositive Power 46,609,601 (1)						
9	Aggregate Amount Beneficially Owned by Each Reporting Person 46,609,601 (1)								
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares								
11	Percei 14.8%		lass Represented by Amount in Row 9						
			orting Person						

⁽¹⁾ The reporting person expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its economic interest in the Common Stock.

⁽²⁾ Calculations are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the Issuer filed with the U.S. Securities and Exchange Commission on November 1, 2017.

CUSIP No.	03674	4X 106	13G	
1	Name of Reporting Persons Warburg Pincus LLC			
2			appropriate Box if a Member of a Group	
	(a)			
	(b)	X		
3	SEC	Use Oi	nly	
4	Citize New		or Place of Organization	
		5	Sole Voting Power 0	
Number of Shares Beneficially	7	6	Shared Voting Power 46,609,601 (1)	
Owned by Each Reporting Person With	h	7	Sole Dispositive Power 0	
		8	Shared Dispositive Power 46,609,601 (1)	
9		egate A 19,601	Amount Beneficially Owned by Each Reporting Person (1)	
10	Chec	k Box :	if the Aggregate Amount in Row (9) Excludes Certain Shares	
11	Perce 14.8%		Class Represented by Amount in Row 9	
12	Type OO	of Rep	porting Person	
ecc	onomic	e intere	erson expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its ist in the Common Stock.	
			e based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the a the U.S. Securities and Exchange Commission on November 1, 2017.	
			12	
CUSIP No.	03674	4X 106	13G	

1 Name of Reporting Persons Charles R. Kaye

2	Check the Appropriate Box if a Member of a Group (a) □					
	(b)	X				
3	SEC	Use On	ly			
4	Citizenship or Place of Organization United States					
		5	Sole Voting Power 0			
Number of Shares Beneficially	7	6	Shared Voting Power 46,609,601 (1)			
Owned by Each Reporting Person With	1	7	Sole Dispositive Power 0			
		8	Shared Dispositive Power 46,609,601 (1)			
9	Aggregate Amount Beneficially Owned by Each Reporting Person 46,609,601 (1)					
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares					
11	Percent of Class Represented by Amount in Row 9 14.8% (2)					
12	Type of Reporting Person IN					
			erson expressly disclaims beneficial ownership with respect to any shares of Common Stock other than the f the Issuer owned of record by such reporting person.			
			based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the the U.S. Securities and Exchange Commission on November 1, 2017.			
			13			
CUSIP No.	03674	X 106	13G			
1		e of Rep h P. La	porting Persons ndy			
2	Check (a)	the Aj	ppropriate Box if a Member of a Group			
	(b)	X				
3	SEC	Use On	ly			
4	Citizenship or Place of Organization United States					

	5	Sole Voting Power 0		
Number of Shares Beneficially	6	Shared Voting Power 46,609,601 (1)		
Owned by Each Reporting Person With	7	Sole Dispositive Power 0		
	8	Shared Dispositive Power 46,609,601 (1)		
	Aggregate A 46,609,601	Amount Beneficially Owned by Each Reporting Person (1)		
10	Check Box	f the Aggregate Amount in Row (9) Excludes Certain Shares		
	Percent of C 14.8% (2)	cent of Class Represented by Amount in Row 9 3% (2)		
	Type of Reporting Person IN			
	IN			

(1) The reporting person expressly disclaims beneficial ownership with respect to any shares of Common Stock other than the common stock of the Issuer owned of record by such reporting person.

(2) Calculations are based upon 315,632,497 shares of Common Stock of the Issuer outstanding, as set forth in the Form 10-Q of the Issuer filed with the U.S. Securities and Exchange Commission on November 1, 2017.

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SCHEDULE 13G

This Amendment No. 2 (this "Amendment") amends and restates in its entirety the Schedule 13G filed on February 17, 2015 (the "Prior Schedule 13G" and together with the Amendment, the "Schedule 13G").

Item 1(a)	Name of Issuer. The name of the issuer is Antero Resources Corporation, a Delaware corporation (the "Issuer").
Item 1(b)	Address of Issuer's Principal Executive Offices. The principal executive offices of the Issuer are located at 1615 Wynkoop Street, Denver, Colorado 80202.
Item 2(a)	Name of Person Filing. This Schedule 13G is filed on behalf of Warburg Pincus Private Equity VIII, L.P., a Delaware limited partnership ("WP VIII", and together with its two affiliated partnerships, Warburg Pincus Netherlands Private Equity VIII C.V. I, a company formed under the laws of the Netherlands ("WP VIII CV I"), and WP-WPVIII Investors, L.P., a Delaware limited partnership ("WP-WPVIII Investors"), collectively, the "WP VIII Funds"), Warburg Pincus Private Equity X, L.P., a Delaware limited partnership ("WP X"), Warburg Pincus X Partners, L.P., a Delaware limited partnership ("WP X Partners," and together with WP X, the "WP X Funds") and Warburg Pincus Private Equity X O&G, L.P., a Delaware limited partnership ("WP X O&G"). WP-WPVIII Investors GP L.P., a Delaware limited partnership ("WP- WPVIII GP") is the general partner of WP-WPVIII Investors. Warburg Pincus X, L.P., a Delaware limited partnership ("WP X GP"), is the general partner of each of the WP X Funds and WP X O&G. Warburg Pincus X GP L.P., a Delaware limited partnership ("WP X GP LP"), is the general partner of WP X GP. WPP GP LLC, a Delaware limited liability company ("WPP GP"), is the general partner of WP X GP LP and WP-WPVIII GP. Warburg Pincus Partners, L.P., a Delaware limited partnership ("WP Partners"), is (i) the managing member of WPP GP, and (ii) the general partner of WP VIII and WP VIII CV I. Warburg Pincus Partners GP LLC, a Delaware limited liability company ("WP Partners GP"), is the general partner of WP Partners. Warburg Pincus & Co., a New York general partnership ("WP"), is the managing member of WP Partners of P. Warburg Pincus LLC, a New York limited liability company ("WP LLC"), is the managing General Partners of WP and Managing Members and Co-Chief Executive Officers of WP LLC and may be deemed to control the Warburg Pincus Reporting Persons (as defined below). Messrs. Kaye and Landy disclaim beneficial ownership of all shares held by the Warburg Pincus Reporting Persons.

		GP I	of Messrs. Kaye and Landy, together with the WP VIII Funds, the WP X Funds, WP X O&G, WP X GP, WP X JP, WP VIII Investors GP, WPP GP, WP Partners, WP Partners GP, WP and WP LLC are collectively referred to in as the "Warburg Pincus Reporting Persons".			
Item 2(b)		Address of Principal Business Office. The principal business address of each of the Warburg Pincus Reporting Persons is 450 Lexington Avenue, New York, New York 10017.				
Item 2(c)		Citizenship. See Item 2(a).				
Item 2(d)		Title of Class of Securities. Common Stock, par value \$0.01 per share (the "Common Stock").				
Item 2(e)		CUSIP Number. 03674X 106				
Item 3	If th	is stat	tement is filed pursuant to §§240.13d—1(b) or 240.13d—2(b) or (c), check whether the person filing is a:			
	(a)		Not Applicable Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);			
	(b)		Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);			
	(c)		Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);			
	(d)		Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8);			
	(e)		An investment adviser in accordance with §240.13d—1(b)(1)(ii)(E);			
	(f)		An employee benefit plan or endowment fund in accordance with §240.13d—1(b)(1)(ii)(F);			
	(g)		A parent holding company or control person in accordance with §240.13d—1(b)(1)(ii)(G);			
	(h)		A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);			
	(i)		A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a—3);			
	(j)		A non-U.S. institution in accordance with §240.13d—1(b)(1)(ii)(J);			
	(k)		Group, in accordance with §240.13d—1(b)(1)(ii)(K).			
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Item 4 Ownership.

The information required by Items 4(a)-(c) is set forth in Rows 5-11 of the cover page hereto for each Warburg Pincus Reporting Person and is incorporated herein by reference for each such Warburg Pincus Reporting Person.

Each Warburg Pincus Reporting Person other than Messrs. Kaye and Landy expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its economic interest in the Common Stock. Each of Messrs. Kaye and Landy expressly disclaims beneficial ownership with respect to any Common Stock, other than any Common Stock owned of record by Mr. Kaye or Mr. Landy, respectively.

Item 5 Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof certain of the Warburg Pincus Reporting Persons have ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following \boxtimes .

The following Warburg Pincus Reporting Persons have ceased to be the beneficial owner of more than 5 percent of the class of securities: Warburg Pincus Private Equity VIII, L.P., Warburg Pincus Private Equity X, L.P., and Warburg Pincus X Partners, L.P.

Item 6 Ownership of More than Five Percent on Behalf of Another Person.

Other than as set forth herein, no other person has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, in excess of 5% of the total outstanding Common Stock.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent

Inapplicable.

Item 8 Identification and Classification of Members of the Group.

The Warburg Pincus Reporting Persons are making this single, joint filing because they may be deemed to constitute a "group" within the meaning of Section 13(d)-3 of the Exchange Act. The joint filing agreement among the Warburg Pincus Reporting Persons to file this Amendment No. 4 to Schedule 13G jointly is attached to the Amendment No. 2 to Schedule 13G previously filed with the U.S. Securities and Exchange Commission by the Warburg Pincus Reporting Person with respect to the issuer on February 12, 2016. Each Warburg Pincus Reporting Person other than Messrs. Kaye and Landy expressly disclaims beneficial ownership with respect to any shares of Common Stock in excess of its economic interest in the Common Stock. Each of Messrs. Kaye and Landy expressly disclaims beneficial ownership with respect to any Common Stock, other than any Common Stock owned of record by Mr. Kaye or Mr. Landy, respectively.

Item 9 Notice of Dissolution of Group.

Inapplicable.

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Item 10 Certification.

Inapplicable.

SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2018

WARBURG PINCUS PRIVATE EQUITY VIII, L.P.

- By: Warburg Pincus Partners, L.P., its general partner
- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member
- By: /s/ Robert B. Knauss

Name:Robert B. KnaussTitle:Partner

WARBURG PINCUS PRIVATE EQUITY X, L.P.

- By: Warburg Pincus X, L.P., its general partner
- By: Warburg Pincus X GP L.P., its general partner
- By: WPP GP LLC, its general partner
- By: Warburg Pincus Partners, L.P., its managing member
- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member
- By: /s/ Robert B. Knauss Name: Robert B. Kn

Name: Robert B. Knauss Title: Partner

WARBURG PINCUS X PARTNERS, L.P.

- By: Warburg Pincus X, L.P., its general partner
- By: Warburg Pincus X GP L.P., its general partner
- By: WPP GP LLC, its general partner
- By: Warburg Pincus Partners, L.P., its managing member
- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member

By: /s/ Robert B. Knauss

Name: Robert B. Knauss Title: Partner

WARBURG PINCUS PRIVATE EQUITY X O&G, L.P.

- By: Warburg Pincus X, L.P., its general partner
- By: Warburg Pincus X GP L.P., its general partner
- By: WPP GP LLC, its general partner
- By: Warburg Pincus Partners, L.P., its managing member
- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member
- By: /s/ Robert B. Knauss

Name:Robert B. KnaussTitle:Partner

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WARBURG PINCUS X, L.P.

- By: Warburg Pincus X GP L.P., its general partner
- By: WPP GP LLC, its general partner
- By: Warburg Pincus Partners, L.P., its managing member
- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member

By: <u>/s/ Robert B. Knauss</u> Name: Robert B. Knauss Title: Partner

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WARBURG PINCUS X GP L.P.

- By: WPP GP LLC, its general partner
- By: Warburg Pincus Partners, L.P., its managing member
- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member
- By: /s/ Robert B. Knauss

Name:Robert B. KnaussTitle:Partner

WPP GP LLC

- By: Warburg Pincus Partners, L.P., its managing member
- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member

By: /s/ Robert B. Knauss Name: Robert B. Knauss Title: Partner

WARBURG PINCUS PARTNERS, L.P.

- By: Warburg Pincus Partners GP LLC, its general partner
- By: Warburg Pincus & Co., its managing member

By: /s/ Robert B. Knauss Name: Robert B. Knauss Title: Partner

WARBURG PINCUS PARTNERS GP LLC

- By: Warburg Pincus & Co., its managing member
- By: /s/ Robert B. Knauss Name: Robert B. Knauss Title: Partner

WARBURG PINCUS & CO.

By: /s/ Robert B. Knauss Name: Robert B. Knauss Title: Partner

WARBURG PINCUS LLC

By: /s/ Robert B. Knauss

Name: Robert B. Knauss Title: Managing Director

CHARLES R. KAYE

By: /s/ Robert B. Knauss Robert B. Knauss, Attorney-in-Fact*

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JOSEPH P. LANDY

By: /s/ Robert B. Knauss Robert B. Knauss, Attorney-in-Fact*

* The Power of Attorney given by each of Mr. Kaye and Mr. Landy was previously filed with the U.S. Securities & Exchange Commission on July 12, 2016 as an exhibit to a beneficial ownership report on Schedule 13D filed by Warburg Pincus LLC with respect to WEX, Inc. and is hereby incorporated by reference.

Schedule 13G Signature Page