

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, August 29, 2022 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for ASPEN 1H

47-017-06926-00-00

Lateral Extension, Drilling near other laterals

ANTERO RESOURCES CORPORATION

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926-0450.

James A Martin

Chief

Operator's Well Number: ASPEN 1H

Farm Name: MICHAEL R BRITTON & ANGELA D PRATT

U.S. WELL NUMBER: 47-017-06926-00-00

Horizontal 6A New Drill Date Modification Issued: 8/29/2022

Promoting a healthy environment.

API	NO. 47-017	_ 06926	
	OPERATOR	WELL NO.	Aspen Unit 1H MOD
	Wall Dad N	lame: Oxfor	d 98 Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operate	or: Antero	Resources	Corporat	494507062	017 - Doddr	i West Uni	West Union 7.5'
-, • • p•				Operator ID	County	District	Quadrangle
2) Operator's V	Vell Numbe	r: Aspen Un	it 1H MO	D Well Pad	Name: Oxfo	rd 98 Pad	
3) Farm Name/	Surface Ow	vner: Michael R. B	Britton & Angela	D. Pratt Public Roa	d Access: CF	11/4	
4) Elevation, cu	ırrent grour	nd: 1120' AS-	BUILT El	evation, proposed	post-construct	ion:	
5) Well Type	(a) Gas Other	X	_ Oil	Unde	erground Stora	ige	
	(b)If Gas	Shallow Horizontal	X	Deep			
6) Existing Pad	: Yes or No						
· •	_			ipated Thickness a ss- 55 feet, Associa			
8) Proposed To	tal Vertical	Depth: 660	0' TVD				
9) Formation at			Marcellus	1			
10) Proposed T	otal Measu	red Depth:	19700'				
11) Proposed H	Iorizontal L	eg Length:	9044.2'				
12) Approxima	te Fresh W	ater Strata De	pths:	123'			
13) Method to 1 14) Approxima			cpuis	7-017-02837, 47-017-06326 Of	fset well records. Depti	ns have been adjust	ed according to surface elevations.
15) Approxima	te Coal Sea	ım Depths: 1	20'				
				ne, karst, other):	None Anticipa	ated	
17) Does Propo directly overlyi	sed well lo	cation contain	n coal sear			o <u>X</u>	
(a) If Yes, pro	ovide Mine	Info: Name:	:				
(a) 1 00, pr		Depth					
		Seam:					
		Owner	r:				

API NO. 47-017	- 06926	
OPERATOR W	ELL NO.	Aspen Unit 1H MOD
Well Pad Nar	ne: Oxford	98 Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operator: A	Intero Resources Corporal 494507062 017 - Doddri West Uni West Union 7.5'
	Operator ID County District Quadrangle
2) Operator's Well N	umber: Aspen Unit 1H MOD Well Pad Name: Oxford 98 Pad
3) Farm Name/Surfac	ce Owner: Michael R. Britton & Angela D. Pratt Public Road Access: CR 11/4
4) Elevation, current	ground: 1120' AS-BUILT Elevation, proposed post-construction:
5) Well Type (a) G Othe	
(b)If	
6) Existing Pad: Yes	
7) Proposed Target F	ormation(s), Depth(s), Anticipated Thickness and Expected Pressure(s): 600' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2850#
8) Proposed Total Ve	ertical Depth: 6600' TVD
9) Formation at Total	Vertical Depth: Marcellus
10) Proposed Total M	feasured Depth: 19700'
11) Proposed Horizon	ntal Leg Length: 9044.2'
12) Approximate Free	sh Water Strata Depths: 123'
13) Method to Determ 14) Approximate Salt	nine Fresh Water Depths: 47-017-02837, 47-017-06326 Offset well records. Depths have been adjusted according to surface elevations.
15) Approximate Coa	il Seam Depths: 120'
16) Approximate Dep	oth to Possible Void (coal mine, karst, other): None Anticipated
17) Does Proposed w directly overlying or a	ell location contain coal seams adjacent to an active mine? Yes No X
(a) If Yes, provide N	Mine Info: Name:
	Depth:
	Seam:
	Owner:

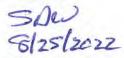
API NO. 47- 017 _ 06926

OPERATOR WELL NO. Aspen Unit 1H MOD
Well Pad Name: Oxford 98 Pad

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	H-40	79#	80'	80'	CTS, 77 Cu. Ft.
Fresh Water	13-3/8"	New	J/K-55	54.5#	300'	300'	CTS, 313 Cu. Ft.
Coal	9-5/8"	New	J-/K55	36#	2500'	2500'	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110CY	20#	19700'	19700'	CTS, 4047 Cu. Ft.
Tubing	2-3/8"	New	N-80	4.7#			
Liners			11				



TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	24"	0.375"	2250	50	Class A	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A	~1.18
Intermediate							
Production	5-1/2"	8-3/4" & 8-1/2"	0.415"	14,360	2500	Class G/H	~1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

PACKERS

Kind:	N/A	
Sizes:	N/A	
Depths Set:	N/A	

WW-6B (10/14)

API NO. 47- 017 - 06926

OPERATOR WELL NO. Aspen Unit 1H MOD

Well Pad Name: Oxford 98 Pad

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill a new horizontal shallow well into the Marcellus Shale.

*Antero will be air drilling the fresh water string which makes it difficult to determine when fresh water is encountered. Therefore, we have built in a buffer for the casing setting depth which helps to ensure that all fresh water zones are covered.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Antero plans to pump Slickwater into the Marcellus Shale formation in order to ready the well for production. The fluid will be comprised of approximately 99 percent water and sand, with less than 1 percent special-purpose additives as shown in the attached "List of Anticipated Additives Used for Fracturing or Stimulating Well."

Anticipated Max Pressure - 9300 lbs Anticipated Max Rate - 80 bpm

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 24.47 acres
- 22) Area to be disturbed for well pad only, less access road (acres): . 5.73 acres

23) Describe centralizer placement for each casing string:

Conductor: no centralizers

Surface Casing: one centralizer 10' above the float shoe, one on the insert float collar and one every 4th joint spaced up the hole to surface.

Intermediate Casing: one centralizer above float joint, one centralizer 5' above float collar and one every 4th collar to surface.

Production Casing: one centralizer at shoe joint and one every 3 joints to top of cement in intermediate casing.

24) Describe all cement additives associated with each cement type:

Conductor: no additives, Class A cement.

Surface: Class A cement with 2-3% calcium chloride and 1/4 lb of flake Intermediate: Class A cement with 1/4 lb of flake, 5 gallons of clay treat

Production: Lead cement- 50/50 Class H/Poz + 1.5% salt + 1% C-45 + 0.5% C-16a + 0.2% C-12 + 0.45% C-20 + 0.05% C-51 Production: Tail cement- Class H + 45 PPS Calcium Carbonate + 1.0% FL-160 + 0.2% ACGB-47 + 0.05% ACSA-51 + 0.2% ACR-20 OFF DE OF OIL and Cas

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Environmental Protection

25) Proposed borehole conditioning procedures:

Conductor: blowhole clean with air, run casing, 10 bbls fresh water.

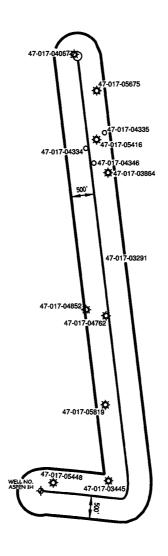
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.

Intermediate: blowhole clean with air, trip to surface casing shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate 40 bbls brine water followed by 10 bbls fresh water and 25 bbls bentonite mud, pump 10 bbls fresh water.

Production: circulate with 14 lb/gal NaCl mud, trip to middle of lateral, circulate, pump high viscosity sweep, trip to base of curve, pump high viscosity sweep, trip to top of curve, trip to bottom, circulate, pump high viscosity sweep, trip out, run casing, circulate 10 bbls fresh water, pump 48 bbls barite pill, pump 10 bbls fresh water followed by 48 bbls mud flush and 10 bbls water.

*Note: Attach additional sheets as needed.

OXFORD 98 PAD ANTERO RESOURCES CORPORATION



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Office of Oil and Gas

AUG 1 8 2022

WILLOW LAND SURVEYING, PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

DATE: 08/04/22

DRAWN BY: D.L.P.

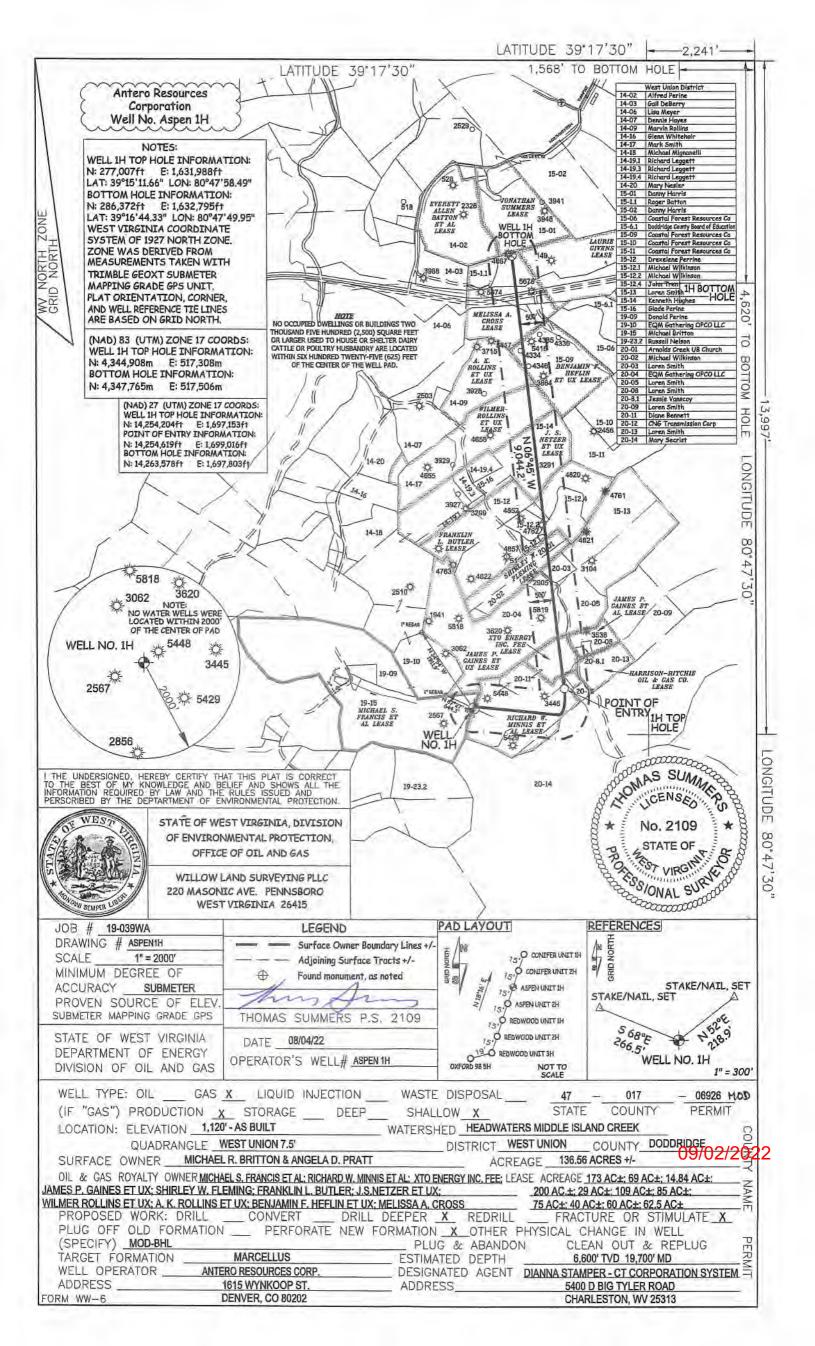
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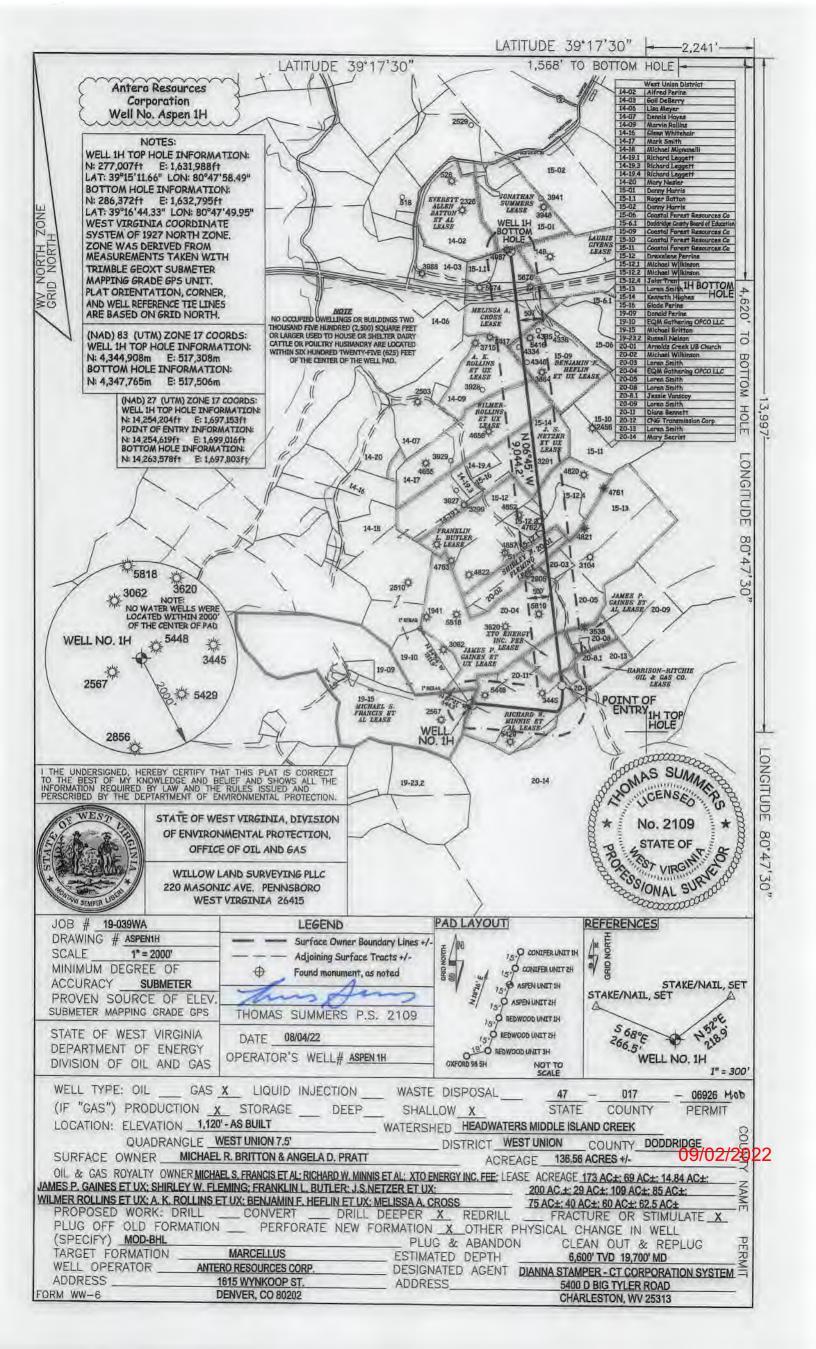
SCALE: 1-INCH = 2000-FEET
0' 2000' 4000' 6000'

UWI (APINum)	Well Name	Well Number	Operator	Historical Operator	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd
47017054480000	DEPI	15129	DIVERSIFIED PROD LLC	DOMINION EXPL&PROD	5,310	2589 - 5174	Gordon, Warren, Riley, Alexander	Weir, Berea, Benson
47017034450000	MINNIS RICHARD W & JOAN	1321	DIVERSIFIED PROD LLC	CNG DEVELOPMENT CO	5,182	4882 - 4931	Gordon, Speechley, Alexander	Weir, Berea, Benson
47017058190000	DEPI	15128	DIVERSIFIED PROD LLC	DOMINION EXPL&PROD	5,170		Squaw, Gordon, Warren, Bradford, Riley	Weir, Berea, Benson
47017047620000	FLEMING	2	KEY OIL CO	KEY OIL CO	5,314		Warren, Speechley, Balltown, Riley, Benson	Weir, Berea
47017048520000	FLEMING	8	KEY OIL CO	KEY OIL CO	2,707	74 A	Big Lime, Big Lime, Hampshire	Weir, Berea, Benson
47017032910000	NETZER J S & J	449	ALLIANCE PET CO LLC	CNG DEVELOPMENT CO	5,350		Big Injun, Gordon, Speechley, Balltown, Alexander	Weir, Berea, Benson
47017038640000	MITCHELS CHARLES ETAL .	1	GREYLOCK OPCO LLC	EASTERN AMERICAN ENE	5,583		Riley, Benson, Alexander	Weir, Berea
47017043460000		İ						Weir, Berea, Benson
47017043340000	WILLIAM WOLFE	1	P G OIL & GAS INC	BOWIE INC				Weir, Berea, Benson
47017054160000	MAXWELL/KNIGHT	1	KEY OIL CO	KEY OIL CO	5,293	3214 - 5179	Speechley, Riley, Benson, Alexander	Weir, Berea
47017043350000	WILLIAM WOLFE	1	P G OIL & GAS INC	BOWIE INC				Weir, Berea, Benson
47017056750000	MAXWELL / KNIGHT	4	KEY OIL CO	KEY OIL CO	2,768	1918 - 2570	Keener, Gordon	Weir, Berea, Benson
47017040670000	SPURGEON H C	3	HARPER CROSBY HOLDING	RARE EARTH ENERGY	5,318	3278 - 5160	Balltown, Bradford, Benson, Alexander, Elk	Weir, Berea

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Office of Oil and Cas AUG 1 8 2022

ISV Department of Environmental Protection





INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Michael S. Francis, et al Lease			
Michael S. Francis, et al	Key Oil Company	1/8	0106/0273
Key Oil Company	Columbia Gas Transmission Corporation	Assignment	0115/0436
Columbia Gas Transmission Corporation	Columbia Natural Resources Inc	Assignment	0161/0068
Columbia Natural Resources Inc	Columbia Natural Resources LLC	Name Change	0256/0588
Columbia Natural Resources LLC	Chesapeake Appalachia LLC	Merger	0264/0447
Chesapeake Appalachia LLC	CNX Gas Company	Assignment	0372/0585
CNX Gas Company	Antero Resources Corporation	Assignment	0387/0216
Richard W. Minnis, et al Lease			
Richard W. Minnis, et al	Consolidated Gs Supply Corporation	1/8	0095/0706
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	0135/0583
Consolidated Gas Transmission Corporation	CNG Development Company	Assignment	0139/0041
CNG Development Company	Dominion Exploration & Production Inc	Name Change	WV sos
Dominion Exploration & Production Inc	Dominion Transmission Inc	Assignment	0244/0528
Dominion Transmission Inc	CONSOL Gas Company	Name Change	0292/0469
CONSOL Gas Company	CNX Gas Company, LLC	Name Change	0293/0252
CNX Gas Company	Antero Resources Corporation	Assignment	0325/0507
XTO Energy Inc. (Fee) Lease	To 🗪 🖫		
XTO Energy Inc. Fee	CNX Gas Company, LLC Antero Resources Corporation Antero Resources Corporation		Elected to Participate
James P. Gaines, et ux	A 9		
James P. Gaines, et ux	Hope Natural Gas Company	1/8	0022/0228
Hope Natural Gas Company	Consolidated Gas Supply Corporation	Assignment	0143/0345
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	0135/0583
Consolidated Gas Transmission Corporation	CNG Transmission Corporation	Assignment	0332/0563
CNG Transmission Corporation	Dominion Transmission Inc	Assignment	0332/0570
Dominion Transmission Inc	CNX Gas Company, LLC	Assignment	0325/0517
CNX Gas Company, LLC	Antero Resources Corporation	Assignment	0628/0257
Shirley W. Fleming Lease			
Shirley W. Fleming	Key Oil Company	1/8	0107/0313
Key Oil Company	J&J Enterprises, Inc	Assignment	0111/0326
J&J Enterprises, Inc	Eastern American Energy Corporation	Merger	0211/0137
Eastern American Energy Corporation	Energy Corporation of America	Merger	0283/0431
Energy Corporation of America	Antero Resources Appalachian Corporation	Assignment	0272/0307
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	0046/0523
Franklin L. Butler Lease			
Franklin L. Butler	Key Oil Company	1/8	0195/0445
Key Oil Company	Antero Resources Appalachian Corporation	Assignment	0256/0285
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	09/02/2022

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
J.S. Netzer, et ux Lease			
J.S. Netzer, et ux	Hope Natural Gas Company	1/8	0035/0362
Hope Natural Gas Company	Consolidated Gas Supply Corporation	Assignment	0143/0345
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	0135/0583
Consolidated Gas Transmission Corporation	CNG Development Company	Assignment	0139/0041
CNG Development Company	Dominion Exploration & Production Inc	Name Change	wv sos
Dominion Exploration & Production Inc	Dominion Transmission Inc	Assignment	0244/0528
Dominion Transmission Inc	CONSOL Gas Company	Name Change	0292/0469
CONSOL Gas Company	CNX Gas Company, LLC	Name Change	0293/0252
CNX Gas Company, LLC	Antero Resources Corporation	Assignment	0628/0257
Wilmer Rollins, et ux Lease			
Wilmer Rollins, et ux	C.H. Pigott	1/8	0031/0431
C.H. Pigott	Murphey Oil Company	Assignment	0040/0443
Murphey Oil Company	Dilmur Oil Company	Assignment	0091/0742
Dilmur Oil Company	Targa Development, Inc	Assignment	0165/0428
Targa Development, Inc	Antero Resources Corporation	Assignment	0257/0362
Antero Resources Corporation	CNX Gas Company	Assignment	0411/0160
CNX Gas Company	Antero Resources Corporation C.H. Pigott Murphey Oil Company Dilmur Oil Company Targa Development, Inc Antero Resources Corporation	Assignment	0387/0180
A.K. Rollins, et ux Lease	AUG 1 8 2022		
A.K. Rollins, et ux	C.H. Pigott	1/8	0031/0433
C.H. Pigott	Murphey Oil Company	Assignment	0040/0443
Murphey Oil Company	Dilmur Oil Company	Assignment	0091/0742
Dilmur Oil Company	Targa Development, Inc	Assignment	0165/0428
Targa Development, Inc	Antero Resources Corporation	Assignment	0257/0362
Antero Resources Corporation	CNX Gas Company	Assignment	0411/0160
CNX Gas Company	Antero Resources Corporation	Assignment	0387/0180
Benjamin F. Heflin, et ux Lease			
Benjamin F. Heflin, et ux	C.H. Pigott	1/8	0042/0382
C.H. Pigott	Eastern American Energy Corporation	Assignment	0174/0070
Eastern American Energy Corporation	Energy Corporation of America	Assignment	0240/0498
Energy Corporation of America	Antero Resources Appalachian Corporation	Assignment	0272/0370
Antero Resources Appalachian Corporation	Antero Resources Corporation	Name Change	0046/0523

WW-6A1 (5/13)

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
ey Oil Company			0217/0538 0256/0285 0046/0523
	lelissa A. Cross ey Oil Company	lelissa A. Cross Key Oil Company ey Oil Company Antero Resources Appalachian Corporation	relissa A. Cross Key Oil Company 1/8

*Partial Assignments to Antero Resources Corporation include 100% rights to extract, produce and market the oil and gas from the Marcellus and any other formations completed with this well.

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

AUG 1 8 2022

VIV E aparanent of Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Antero Resources Corporation

By: Max Green

Its: VP of Land

Page 1 of 1

Execution Version

June 27, 2022

Jarred Detweiler
EQT Production Company
EQT Plaza
625 Liberty Avenue, Suite 1700
Pittsburgh, PA 15222

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Office of Oil and Cas

AUG 1 8 2022

WV Department of Environmental Protection

RE: Permission to Permit and Drill

Doddridge County, West Virginia

Dear Mr. Detweiler,

Antero Resources Corporation ("Antero") hereby requests permission from EQT Production Company ("EQT") to proceed with Antero's plans to drill one or more horizontal wells in, under, and through certain properties subject to oil and gas interests owned or controlled by EQT located in Doddridge County, West Virginia, as more particularly described on Exhibit A to this letter agreement (the "O&G Interests"), and insofar and only insofar as to the Marcellus Rights (the "Properties"), pursuant to the terms and conditions of this letter agreement. Antero and EQT are currently parties to an Acreage Trade Agreement dated December 17, 2021 (as amended from time to time, the "Trade Agreement"), which includes the Properties. Capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the Trade Agreement.

In order to generate mutual goodwill between EQT and Antero, and for one hundred dollars (\$100.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, subject to the terms and conditions of this letter agreement and the Trade Agreement, EQT hereby grants Antero the right to apply for and obtain all applicable governmental permits for the drilling of one or more wellbore laterals in, under, and through the Properties (collectively, "Wells") and to drill, complete and produce such Wells.

In the event that Antero and EQT do not consummate the Closing of the Trade Agreement with respect to a Property, then Antero shall have the right to elect to enter into with EQT one (1) or more mutually-agreed joint operating agreements (with each contract area covering a unit) with respect to such Properties, effective as of the date hereof and in each case subject to the terms and conditions of the Trade Agreement.

Antero hereby agrees to release, protect, indemnify, defend and hold harmless EQT from and against any claims, expenses, damages, injuries, claims or obligations or liabilities (including reasonable attorneys' fees) that may be brought by any third party against EQT or its Affiliates to the extent arising out of Antero's drilling or other operations pursuant to this letter agreement and that arise on or after the date of this letter agreement through the Expiration Date (as defined below). This paragraph shall survive (a) the Closing and the assignment or lease, as applicable,

related to the Properties, (b) the execution of a mutually-agreed joint operating agreement with respect to any Properties, or (c) any termination of all or any part of this letter agreement.

Nothing in this letter agreement will diminish any current or future rights of EQT in the Properties or other properties. This letter agreement and the rights and obligations of EQT and Antero hereunder will terminate (on a Property-by-Property basis) upon the earliest of (I) the execution of a mutually-agreed joint operating agreement with respect to such Property, (II) if and when Antero and EQT consummate the Closing of the Trade Agreement with respect to such Property and (III) the date this letter agreement terminates with respect to such Property as provided in the Trade Agreement. ("Expiration Date").

If the above meets your approval, please execute in the space provided below and return one signed copy to the letterhead address. Should you have any questions, please contact Jared Hurst at (303) 357-6835.

[Signature Pages Follow.]

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Office of Oil and Cas

AUG 1 8 2022

WV Department of Environmental Protection Sincerely,

ANTERO RESOURCES CORPORATION

Title: Senior Vice President - Land

RECSIVED Office of Oil and Cas

AUG 1 8 2022

V/V Department of Environmental Protection

Signature Page to Letter Agreement

Sincerely,

ANTERO RESOURCES CORPORATION

By: _______Name: Brian Kuhn

Title: Senior Vice President - Land

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Office of Oil and Gas

AUG 1 8 2022

MV Department of Environmental Protection AGREED TO AND ACCEPTED:

EQT PRODUCTION COMPANY

Name: Corey C. Peck

Title: Authorized Agent

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Office of Oil and Cas

AUG 1 8 2022

WV Department of Environmental Protection

JAND MB

EXHIBIT A PROPERTIES

RECEIVED
Office of Oil and Cas

AUG 1 8 2022

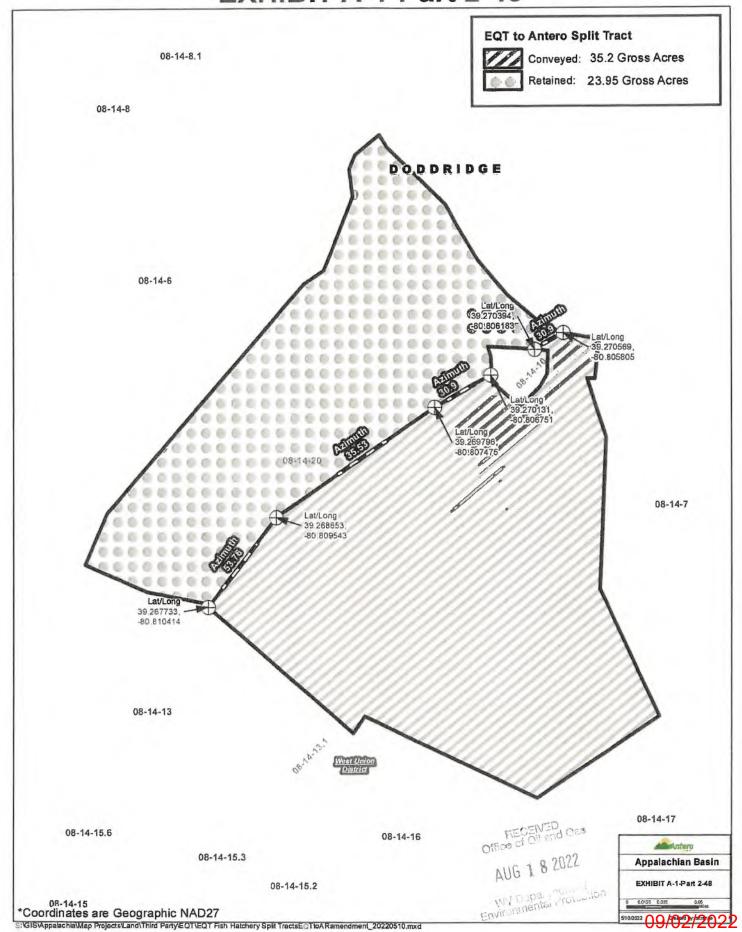
W/V Department of Environmental Protection Exhibit A Properties

Limit for	100	Canadia	Came	Linu flas	LABOR GASHE VICTOR	Custored & c. Acres	turally Typerid	MX	810	Comment Sold in Agree	e Con	# Plents	Back	Par	Conversed Laborate	kewland sloves	Full Conscious E	Aud tree Instrument	Spile Trac	o Approveniation
				497905	\$40,8000	17,6001	ø.1150	100%	0,0720	gsatal WV	Politica	es West Union	21	244	po 5-14-20	Son Yang bit Saint in die "Thompal Stated" Colons in ent public of a the depting in "Selaced" in the probles Salates in April 20				D366 A-1-Fert 2-48
Laur	HBP	Lineta Marmerili Metre	D.F. Stort	20 70 906	conste	29.5750		100%	0.8750			was Union			99.8-14-30	the barrier family of the Common littles Column or any period of a war improved on Transport on the granded 12220 to 1 days 2 of 12220 to 1 days 2 of				Establica-1-Part 2-48
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RECEIVED Office of Oil and Cas

AUG 1 8 2022

My Department of Environmental Protection



08-15-6.1 **EQT to Antero Split Tract** Conveyed: 26.94 Gross Acres Retained: 22.74 Gross Acres 08-15-6 08-15-9 08-15-10 DODDRIDG 08-15-14 0000000 08-15-11 08-15-8 Lat/Long 39.267050 -80.788252 Office of Oil and Cas AUG 1 8 2022 08-15-12.8 (III) Department of Environmental Protection 08-15-13 Antero 08-15-12.6 Appalachian Basin EXHIBIT A-1-Part 2-49

0.015 0.03

510/2022 09/m2/m2022

*Coordinates are Geographic NAD27

Certificate Of Completion

Envelope Id: D27A6D562899468EBEF30E964786A1E4 Status: Completed

Subject: Please DocuSign: (Antero-EQT) Permission to Antero to Permit and Drill Execution Version 6.27.2...

Source Envelope:

Document Pages: 8 Certificate Pages: 2 Signatures: 1 Initials: 2

AutoNay: Enabled

Envelopeld Stamping: Enabled

Time Zone: (UTC-05:00) Eastern Time (US & Canada)

Envelope Originator: Jarred Detweiler

625 Liberty Ave Ste 1700 Pittsburgh, PA 15222 jdetweiler@eqt.com IP Address: 47.133.146.76

Record Tracking

Status: Original

6/26/2022 2:56:01 PM

Holder: Jarred Detweiler jdetweiler@eqt.com Location: DocuSign

Signer Events

Jarred Detweiler jdetweiler@eqt.com Landman IV **EQT** Corporation

Security Level: Email, Account Authentication

(None)

Signature

MD.

Signature Adoption: Pre-selected Style Signed by link sent to jdetweiler@eqt.com

Using IP Address: 136,226,49,8

Electronic Record and Signature Disclosure: Not Offered via DocuSign

Matt Eller meller@eqt.com **Land BD Director EQT** Corporation

Security Level: Email, Account Authentication (None)

Signature Adoption: Pre-selected Style Signed by link sent to meller@eqt.com Using IP Address: 73.174.81.247 Signed using mobile

Electronic Record and Signature Disclosure: Not Offered via DocuSign

Carey C Peck cpeck@eqt.com Managing Director - Land Ops

EQT Corporation

(None)

Security Level: Email, Account Authentication

Electronic Record and Signature Disclosure: Not Offered via DocuSign

Signature Adoption: Uploaded Signature Image Signed by link sent to cpeck@eqt.com Using IP Address: 71.206.252.2 Signed using mobile

Timestamp

Sent: 6/26/2022 2:58:32 PM Viewed: 6/26/2022 2:58:42 PM Signed: 6/26/2022 2:58:48 PM

Sent: 6/26/2022 2:58:49 PM Viewed: 6/26/2022 7:17:57 PM Signed: 6/26/2022 7:18:12 PM

Sent: 6/26/2022 7:18:13 PM Viewed: 6/26/2022 7:58:11 PM Signed: 6/26/2022 7:58:24 PM

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AUG 1 8 2022

My Daparanent of Environmental Protection **Timestamp** In Person Signer Events Signature

Status Timestamp Editor Delivery Events

Status Timestamp Agent Delivery Events

Intermediary Delivery Events Status Timestamp

Certified Delivery Events Status Timestamp

Timestamp Carbon Copy Events Status Witness Events Signature **Timestamp Timestamp Notary Events** Signature **Timestamps Envelope Summary Events Status** Hashed/Encrypted 6/26/2022 2:58:32 PM **Envelope Sent** Security Checked 6/26/2022 7:58:11 PM **Certified Delivered** 6/26/2022 7:58:24 PM Security Checked Signing Complete 6/26/2022 7:58:24 PM Security Checked Completed

Status

Payment Events

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Timestamps

AUG 1 8 2022

WV Department of Environmental Protection Ck# 4012200



August 17, 2022

West Virginia Department of Environmental Protection Office of Oil and Gas Attn: Mr. Taylor Brewer 601 57th Street Charleston, WV 25304 Antero Resources 1615 Wynkoop Street Denver, CO 80202 Office 303.357.7310 Fax 303.357.7315

Mr. Brewer:

Antero Resources Corporation (Antero) would like to submit the following permit modification for approved well on the existing Oxfd 98 Pad: Aspen Unit 1H, Redwood Unit 1H- 3H. The Redwood Unit 3H will drill near the Wentz Unit 1H and 2H. We have submitted as-drilled plats of these wells. These wells were not cased or produced to TD. Wentz Unit 1H is cased to 12,892' and a fish is left in the hole to 14,875'. Wentz Unit 2H is cased to 14,933' and a fish left at 17,040'. We don't for see any anti-collision issues with these wells. Just wanted to clear this up because just looking at the as-drilled plats it could look close.

Attached you will find the following:

- ➤ Revised Form WW-6B
- Revised Form WW-6A1
- Revised Mylar Plat
- > AOR

If you have any questions please feel free to contact me at (303) 357-7182.

Thank you in advance for your consideration.

Sincerely,

Mallory Stanton Permitting Supervisor

Antero Resources Corporation

Enclosures

Office of Oil and Cas

AUG 1 8 2022



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Expedited Modification Horizontal H6A Well Work Permits API: (47-017-06926, 06930, 06931, 06932)

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Tue, Aug 30, 2022 at 10:51 AM

To: Mallory Stanton <mstanton@anteroresources.com>, Diane Blair <dblair@anteroresources.com>, Dani DeVito <ddevito@shalepro.com>, "Blevins, Cragin" <cragin.blevins@wv.gov>, David Sponaugle <dsponaug@assessor.state.wv.us>, "Ward, Samuel D" <samuel.d.ward@wv.gov>

I have attached a copy of the newly issued well permit numbers:

47-017-06926 - ASPEN 1H 47-017-06930 - REDWOOD 1H 47-017-06931 - REDWOOD 2H 47-017-06932 - REDWOOD 3H

These will serve as your copy.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

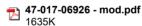
Charleston, WV 25304

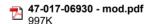
(304) 926-0499 ext. 41115

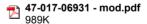
(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

4 attachments







47-017-06932 - mod.pdf 1058K