

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

Thursday, April 28, 2022 WELL WORK PERMIT Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET DENVER, CO 80202

Re: Permit approval for LENNY UNIT 2H 47-103-03495-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing easing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

> James A Martin

Operator's Well Number: LENNY UNIT 2H

Farm Name: JAMES A SELL

U.S. WELL NUMBER: 47-103-03495-00-00

Horizontal 6A New Drill Date Issued: 4/28/2022

API	Number:	

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident eausing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number:	
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PERMIT CONDITIONS

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

WW-6B (04/15)

API NO. 47-103 -			
OPERATOR WELL	NO.	Lenny Unit 2H	1
Well Pad Name:	Furbee	Pad /	

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

1) Well Operator: Antero Re	sources Corpora	494507062	013-Wetzel	Green	Pine Grove 7.5'
i) well operator.		Operator ID	County	District	Quadrangle
2) Operator's Well Number: L	enny Unit 2H	Well Pa	ad Name: Furbe	ee Pad 🗸	
3) Farm Name/Surface Owner	James Allen Se	Public Ro	ad Access: Fur	bee Ridge	Road /
4) Elevation, current ground:	1240' EI	evation, proposed	l post-constructi	ion: ~121:	2'
5) Well Type (a) Gas X Other	Oil		derground Stora		
	nallow X orizontal X	Deep			
6) Existing Pad: Yes or No N	0				
 Proposed Target Formation Marcellus Shale: 7000' TVD, 			A SECTION OF THE PROPERTY OF T		
8) Proposed Total Vertical Dep	pth: 7000' TVD	1			
9) Formation at Total Vertical		5 (
10) Proposed Total Measured	Depth: 9000' ME) /			
11) Proposed Horizontal Leg I	Length: 1011.5'	1			
12) Approximate Fresh Water	Strata Depths:	575'			
13) Method to Determine Fres	h Water Depths:	4710330897000	0 /		
14) Approximate Saltwater De	pths: 2284'				
15) Approximate Coal Seam D	Depths: 973'				
16) Approximate Depth to Pos	sible Void (coal m	ine, karst, other):	None Anticipa	ited	
17) Does Proposed well location directly overlying or adjacent to		ms Yes	No	, <u>X</u>	
(a) If Yes, provide Mine Info	: Name:				
	Depth:				
	Seam:				Office of Oil and Gas
	Owner:				MAR 2 8 2022

VIV Department of Environmental Protection WW-6B (04/15) API NO. 47- 103 -

OPERATOR WELL NO. Lenny Unit 2H

Well Pad Name: Furbee Pad

18)

CASING AND TUBING PROGRAM

ТУРЕ	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#	625	625	CTS, 651 Cu. Ft.
Coal	9-5/8"	New	J/K-55	36#	2500	2500	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110CY	20#	9000	9000 <	CTS, 3909 Cu. Ft.
Tubing	2-3/8"	New	N-80	4.7#			
Liners						1	

James L. Legalde. 3-31-22

ТҮРЕ	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	~1.18
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

PACKERS

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

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WV Department of Environmental Protection WW-6B (10/14)

API NO. 47- 103

OPERATOR WELL NO. Lenny Unit 2H
Well Pad Name: Furbee Pad

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

Drill, perforate, fracture a new horizontal shallow well and complete 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): 30.09 acres
- 22) Area to be disturbed for well pad only, less access road (acres): 13.86 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

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 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.

WW-9 (4/16)

API Number 47 - 103

Operator's Well No. Lenny Unit 2H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Antero Resources Corporation	OP Code 494507062
Watershed (HUC 10) Fishing Creek	Quadrangle Pine Grove 7.5'
Do you anticipate using more than 5,000 bbls of water to c Will a pit be used? Yes No	omplete the proposed well work? Yes ✓ No
If so, please describe anticipated pit waste: No pit	will be used at this site (Drilling and Flowback Fluids will be stored in tanks. Cuttings will be tanked and houled off site.)
Will a synthetic liner be used in the pit? Yes	No ✓ If so, what ml.? N/A
Proposed Disposal Method For Treated Pit Waste	S:
Reuse (at API Number Future pe	ermit Number *UIC Permit # will be provided on Form WR-34) ermitted well locations when applicable. API# will be provided on Form WR-34) wWW-9 for disposal location)(Meadowfill Landfill Permit #SWF-1032-98)
Other (Explain_	Northwestern Landfill Permit #SWF-1025/ WV0109410 Wetzel County (Permit #SWF-1021) ids stored in tanks, cuttings removed offsite and taken to landfill.
Drilling medium anticipated for this well (vertical and hori	Surface - Air/Freshwater, Intermediate -
-If oil based, what type? Synthetic, petroleum, etc	
Additives to be used in drilling medium? Please See Attack	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Drill cuttings disposal method? Leave in pit, landfill, remo	oved offsite, etc. Drill cuttings stored in tanks, removed offsite and taken to landfill.
-If left in pit and plan to solidify what medium wi	
	wfill Landfill (Permit #SWF-1032-98). Northwestern Landfill (Permit # SWF-1025/WV0109410)
Permittee shall provide written notice to the Office of Oil a	and Gas of any load of drill cuttings or associated waste rejected at any vided within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the We provisions of the permit are enforceable by law. Violatic law or regulation can lead to enforcement action. I certify under penalty of law that I have perso application form and all attachments thereto and that, obtaining the information, I believe that the information penalties for submitting false information, including the personal transfer of the personal	
Company Official Signature Gretchen Kohler	RECEIVED Officerd Cas
Company Official (Typed Name) Gretchen Kohler	11AD V S. 2022
Company Official Title Director of Environmental & Regula	tory compliance
	WV Department of Environmental Protection
Subscribed and sworn before me this 24 day	The second secon
Oigene Blo	Notary Public DIANE BLAIR
My commission expires 27 Apr	STATE OF COLORADO NOTARY ID 1993/11/2012

Form WW-9 Additives Attachment

SURFACE INTERVAL

- 1. Fresh Water
- 2. Soap -Foamer AC
- 3. Air

INTERMEDIATE INTERVAL

STIFF FOAM RECIPE:

- 1) 1 ppb Soda Ash / Sodium Carbonate-Alkalinity Control Agent
- 2) 1 ppb Conqor 404 (11.76 ppg) / Corrosion Inhibitor
- 3) 4 ppb KLA-Gard (9.17 ppg) / Amine Acid Complex-Shale Stabilizer
- 4) 1ppb Mil Pac R / Sodium Carboxymethylcellulose-Filtration Control Agent
- 5) 12 ppb KCL / Potassium Chloride-inorganic Salt
- 6) Fresh Water 80 bbls
- 7) Air

PRODUCTION INTERVAL

1. Alpha 1655

Salt Inhibitor

2. Mil-Carb

Calcium Carbonate

3. Cottonseed Hulls

Cellulose-Cottonseed Pellets - LCM

4. Mil-Seal

Vegetable, Cotton & Cellulose-Based Fiber Blend – LCM

5. Clay-Trol

Amine Acid Complex - Shale Stabilizer

6. Xan-Plex

Viscosifier For Water Based Muds

7. Mil-Pac (All Grades)

Sodium Carboxymethylcellulose - Filtration Control Agent

8. New Drill

Anionic Polyacrylamide Copolymer Emulsion - Shale Stabilizer

9. Caustic Soda

Sodium Hydroxide - Alkalinity Control

10. Mil-Lime

Calcium Hydroxide – Lime

11. LD-9

Polyether Polyol – Drilling Fluid Defoamer

12. Mil Mica

Hydro-Biotite Mica – LCM

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WV Department of Environmental Protection 13. Escaid 110

Drilling Fluild Solvent - Aliphatic Hydrocarbon

14. Ligco

Highly Oxidized Leonardite - Filteration Control Agent

15. Super Sweep

Polypropylene – Hole Cleaning Agent

16. Sulfatrol K

Drilling Fluid Additive – Sulfonated Asphalt Residuum

17. Sodium Chloride, Anhydrous

Inorganic Salt

18. **D-D**

Drilling Detergent – Surfactant

19. Terra-Rate

Organic Surfactant Blend

20. W.O. Defoam

Alcohol-Based Defoamer

21. Perma-Lose HT

Fluid Loss Reducer For Water-Based Muds

22. Xan-Plex D

Polysaccharide Polymer - Drilling Fluid Viscosifier

23. Walnut Shells

Ground Cellulosic Material - Ground Walnut Shells - LCM

24. Mil-Graphite

Natural Graphite - LCM

25. Mil Bar

Barite - Weighting Agent

26. X-Cide 102

Biocide

27. Soda Ash

Sodium Carbonate - Alkalinity Control Agent

28. Clay Trol

Amine Acid complex - Shale Stabilizer

29. Sulfatrol

Sulfonated Asphalt - Shale Control Additive

30. Xanvis

Viscosifier For Water-Based Muds

31. Milstarch

Starch - Fluid Loss Reducer For Water Based Muds

32. Mil-Lube

Drilling Fluid Lubricant

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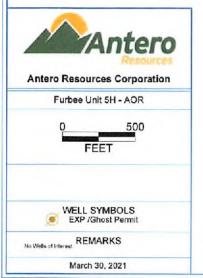
WV Department of Environmental Protection Form WW-9

				Operator's Well N	o. Lenny Unit 2H	
Antero Resources Cor	poration			· · · · · · · · · · · · · · · · · · ·		
Proposed Revegetation Treatmen	t: Acres Disturbed	30.09 acre	Pre	vegetation pH		
Lime 2-4	Tons/acre or to co	errect to pH	6.5	_		
Fertilizer type Hay or str	aw or Wood Fiber (v	vill be used wh	ere needed)			
Fertilizer amount 500		lbs/a	acre			
Mulch 2-3		Tons/acr				
Access Road "A" ()	.79 acres) + Access Road		Well Pad (13.86 acres) + Exc 30.09 Acres	ess/Topsoil Material Stock	piles (11.29 acres) =	
		Seed !	Mixtures			
Tempo	rary			Permanent		
Seed Type	lbs/acre			Туре	lbs/acre	
Annual Ryegrass	40		Crownvetch		10-15	
Field Bromegrass	40		Tall Fescue		30	
See attached Table IV-3 for additional s	eed type (Furbee Pad D	Design)	See attached Table IV-4A for additional seed type (Furbee Pad Design)			
*or type of grass seed reque	sted by surface	owner	*or type of grass	seed requested	by surface owner	
acreage, of the land application a Photocopied section of involved	7.5' topographic sh					
Plan Approved by:	motel L.	Trays	rlok			
Comments:			· 			
			· · · · · · · · · · · · · · · · · · ·			
Title: 012 & 605 11	VS PECTON		Date: 3-3/	-22		
Field Reviewed?) Yes	CV) No		RECEIVED Office of Oil & Gas	

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Furbee Unit 5H



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WW Department of Environmental Protection

04/29/2022

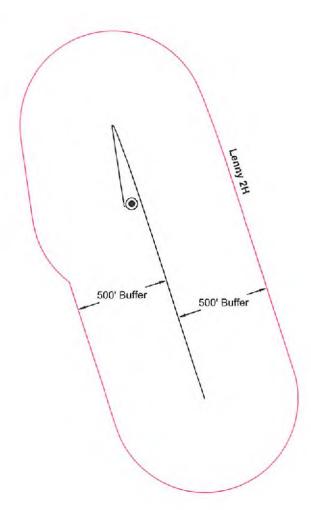
4710303495

LEGEND

- Proposed gas well
- Existing Well, as noted
- Digitized Well, as noted



The orientation of this survey is Grid North, and its coordinate base is the West Virginia Coordinate System of 1927, North Zone



Bridgeport Office Phone: (304) 848-5035 Fax: (304) 848-5037

PARTY CHIEF: C, Lynch

RESEARCH: J. Miller

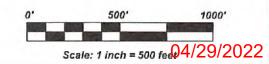
SURVEYED: Dec. 2016

FIELD CREW: C.L., K.M.

172 Thompson Drive Bridgeport, WV 26330

DRAWN BY:	D. Rader
PREPARED:	March 18, 2022
PROJECT NO:	125-34-G-18
DRAWING NO:	Lenny 2H AOR

Sheet 1 of 1





911 Address 1615 Furbee Ridge Rd. Reader, WV 26167

Well Site Safety Plan Antero Resources

Well Name: Furbee Unit 5H, Eckleberry 1H-2H, Lenny 1H-2H,

Reader 1H-2H

Pad Location: FURBEE PAD

Wetzel County/Green District

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WV Department of Environmental Protection

GPS Coordinates:

Entrance - Lat 39.554902"/Long -80.730989" (NAD83)

Pad Center - Lat 39.556880"/Long -80.731075(NAD83)

Driving Directions:

From Reader: Head northwest onto Border Lane toward Old Mexican Rd. for 16 ft. - sharp left onto CO Rd. 40/2 for 0.3 miles - turn left onto Brush Run Rd. for 466 ft. - turn left onto Furbee Ridge Rd. - access road will be on your left.

Alternate Route:

From New Martinsville: head West onto Virginia St. toward 3rd St/Energy Rd for 128 ft. - turn left at the first cross street onto WV-2 S/WV-7E/3rd St. for 0.5 miles - turn left onto WV-7E for 2.8 miles - turn right onto WV-20 for 9.6 miles - turn right onto CO Rd. 40/2 for 0.4 miles - turn left onto Furbee Ridge Rd. - access road will be on your left.

EMERGENCY (24 HOUR) CONTACT 1-800-878-1373

Thread L. Soyoldh 3-31-22



Antero Resources 1615 Wynkoop Street Denver, CO 80202 Office 303.357.7310 Fax 303.357.7315

February 18, 2022

West Virginia Department of Environmental Protection Division of Water and Waste Management 601 57th Street SE Charleston, WV 25304

RE: Water Management Plan Updates

Furbee Pad (WMP #2521)

To Whom It May Concern:

Antero Resources (Antero) is submitting the enclosed updates to the Furbee Pad Water Management Plan (WMP) to the WV Department of Environmental Protection (DEP) Division of Water and Waste Management (DWWM). This WMP is being submitted for your review and approval in order to replace Antero's previously approved WMP.

Below are the changes made to the previous version of the Furbee WMP:

- Updated Heaster Freshwater Impoundment to Heaster Centralized Waste Pit
- · Updated well pad sources for reused frac water.

Additionally, as part of Antero's recently completed stream profiling projects, the previously calculated passby thresholds have been updated at the following two (2) water withdrawals. Supporting documentation is provided in the enclosed WMPs.

- Fishing Creek at Blair Revised passby threshold of 17.69 cfs at a stage height of 0.50 ft (on staff gauge)
- Point Pleasant Creek at Reel Revised passby threshold of 1.95 cfs at a stage height of 1.47 ft (on staff gauge)

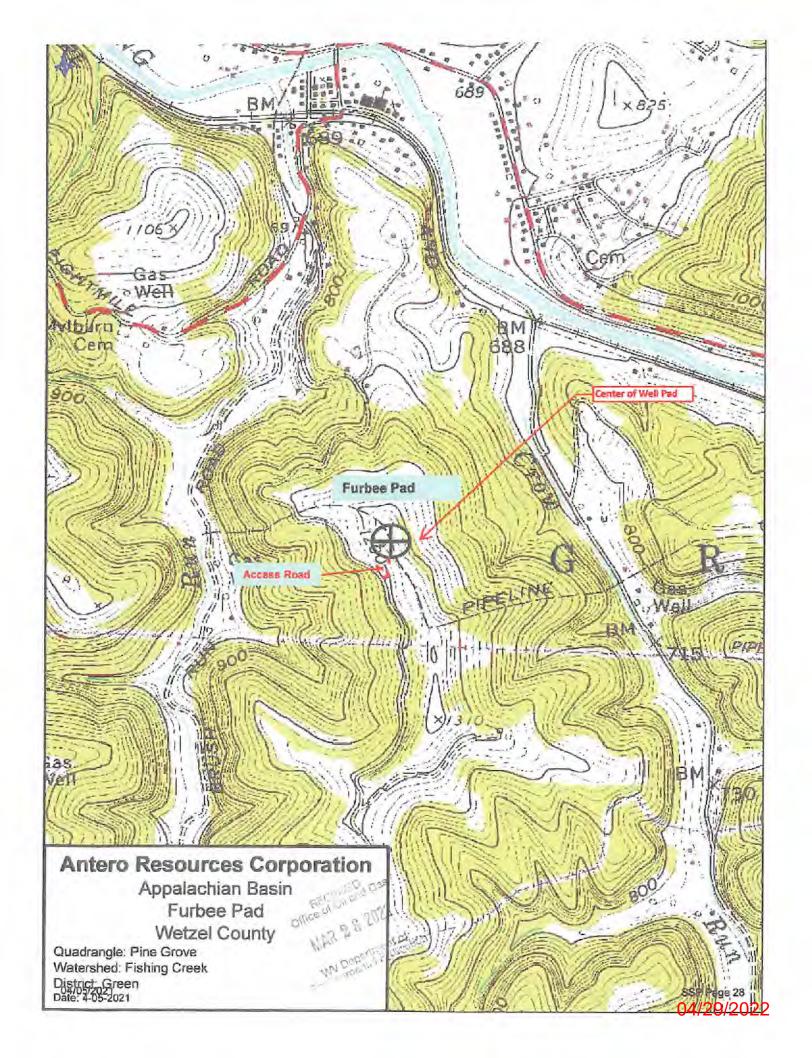
Should you have questions or require additional information, please contact me directly at (303) 357-6893 or via email at sdonovan@anteroresources.com. Your assistance in this matter is appreciated.

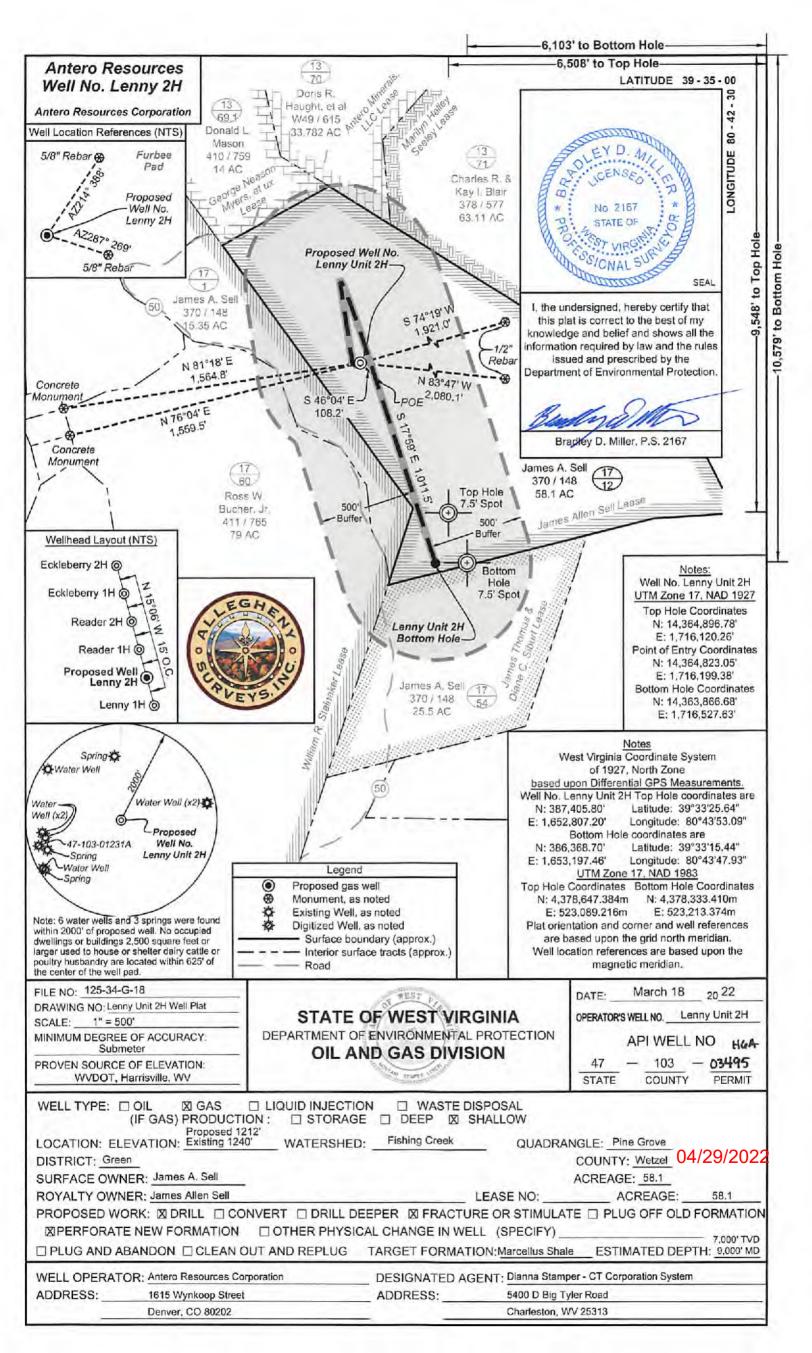
Respectfully,

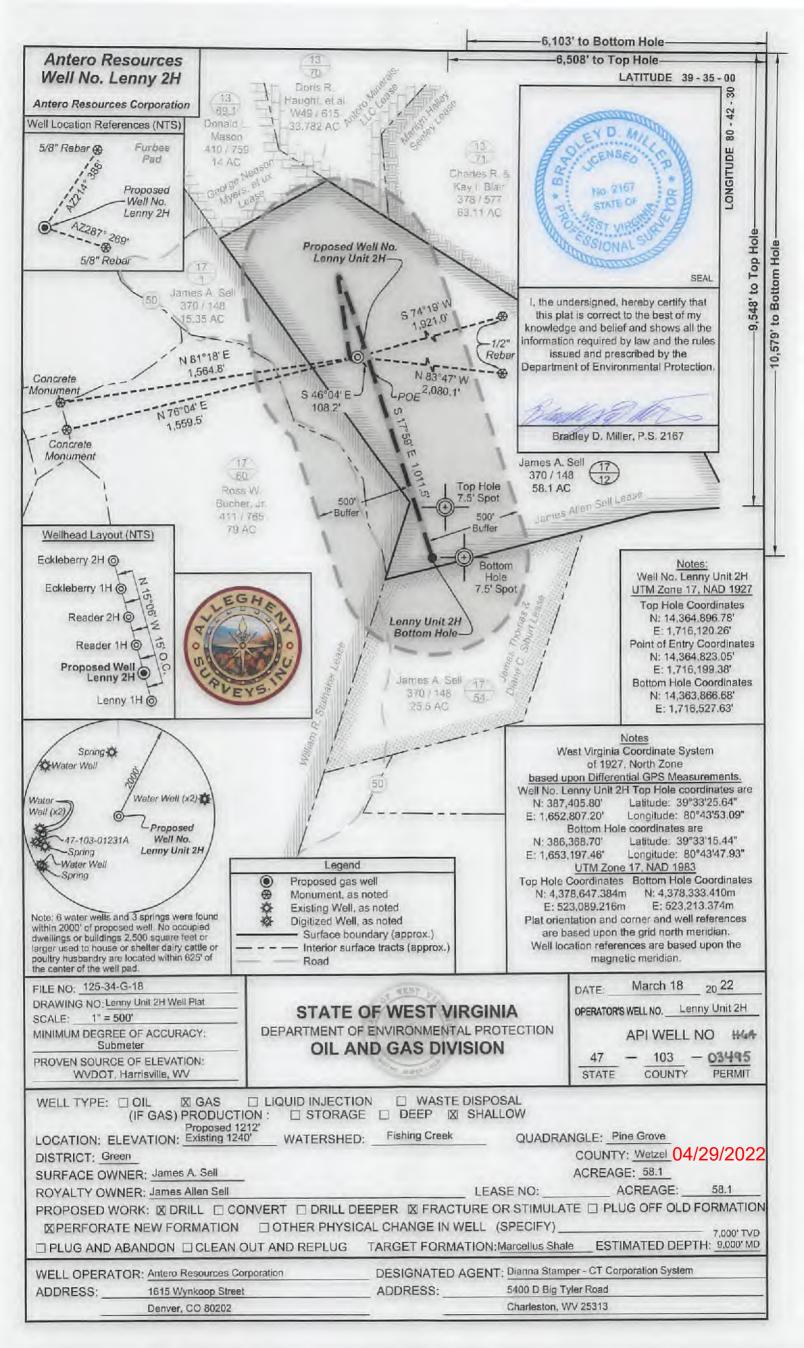
Shawn Donovan

Environmental & Regulatory Manager

Enclosures







WW-6A1

Operator's Well Number

Lenny Unit 2H

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
James Allen Sell Lease			
James Allen Sell	Antero Resources Corporation	1/8+	258A/0467

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WV Department of Environmental Protection

^{*}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.

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:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
James Allen Sell Lease				
	James Allen Sell	Antero Resources Corporation	1/8+	258A/0467

*Partial Assignments to Antero Resources Corporation include 100% rights to extract, produce and market the oil and gas from the Marcelius 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

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MAR 28 2022

WV Department of Environmental Proceedion

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.

Antero Reso	purces Corporation
Tim Rady	Con Vedy
VP of Land	
	Tim Rady



March 8, 2022

Antero Resources 1615 Wynkoop Street Denver, CO 80202 Office 303.357.7310 Fax 303.357.7315

West Virginia Department of Environmental Protection Chief, Office of Oil and Gas Attn: Mr. James Martin 601 57th Street SE Charleston, WV 25304

RE:

Furbee Pad, Lenny Unit 1H and 2H

Quadrangle: Pine Grove 7.5'

Wetzel County/Green District, West Virginia

Mr. Martin:

Antero Resources Corporation (Antero) is submitting the following application for a new well work permits for the Lenny Unit 1H & 2H horizontal shallow wells. As an authorized representative, I certify that Antero has the right to extract, produce or market the oil or gas for all leases through which the Lenny Unit 1H & 2H horizontal laterals will drill through including any and all roads crossed under as identified on the attached survey plat.

Sincerely,

Kelsey Silipo Senior Landman

Office of Oil and Gas
MAR 2 8 2022

W Department of Environmental Protection

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

Date of Notice	ce Certification: 03/23/2022	API No. 4		
		_	s Well No. Lenn	
		Well Pad	Name: Furbee I	Pad
Notice has I				
	-	22-6A, the Operator has provided the re	equired parties w	vith the Notice Forms listed
	tract of land as follows:	Eastings	523089m	
State:	West Virginia	UTM NAD 83 Easting: Northing:		
County: District:	Wetzel Green	Public Road Access:	Furbee Ridge Rd	
Quadrangle:	Pine Grove 7.5'	Generally used farm name:	James Allen Sell	·
Watershed:	Fishing Creek			
prescribed by it has provide information re of giving the requirements Virginia Code	the secretary, shall be verified and s ed the owners of the surface describ equired by subsections (b) and (c), so surface owner notice of entry to su of subsection (b), section sixteen of	every permit application filed under the hall contain the following information: (bed in subdivisions (1), (2) and (4), subsection sixteen of this article; (ii) that the revery pursuant to subsection (a), section of this article were waived in writing by the ender proof of and certify to the secretar att.	14) A certification (b), section (b), section (b), section (c), sectio	on from the operator that (inction ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice wher; and Pursuant to Wes
that the Ope	erator has properly served the require	perator has attached proof to this Notice d parties with the following:	Certification	OOG OFFICE USE
*PLEASE CH	ECK ALL THAT APPLY			ONLY
☐ 1. NO	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECASEISMIC ACTIVITY WAS CONDUCTION		☐ RECEIVED/ NOT REQUIRED
☐ 2. NO	TICE OF ENTRY FOR PLAT SURV	/EY or 🔳 NO PLAT SURVEY WAS	CONDUCTED	☐ RECEIVED
■ 3. NO	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED BECANOTICE OF ENTRY FOR PLAT SUI WAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY SURFA (PLEASE ATTACH)	ACE OWNER	
■ 4. NO	TICE OF PLANNED OPERATION	Of	RECEVED fice of Oil and G	RECEIVED
■ 5. PU	BLIC NOTICE		MAR 2 8 202	☐ RECEIVED
■ 6. NO	TICE OF APPLICATION	En	WV Department virenmental Prot	ection RECEIVED

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

Telephone:

Certification of Notice is hereby given:

THEREFORE, I Diana Hoff , have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information. I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator: Antero Resources Corporation By: Diana Hoff Diana Its: Senior VP of Operations

303-357-7310

Address: 1615 Wynkoop Street

Facsimile: 303-357-7315

Email: mstanton@anteroresources.com

Denver, CO 80202

NOTARY PUBLIC STATE OF COLORADO NOTARY ID 19994011871 MY COMMISSION EXPIRES 27-Apr-2024 Subscribed and sworn before me this 24 day of May 2022

Notary Public

27 Apr 2024 My Commission Expires

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

> Office of On and Gas MAR 2 8 2022 WV Department of Environmental Procession

WW-6A (9-13) 4 7 1 0 3 0 3 4 9 5
API NO. 47-103
OPERATOR WELL NO. Lenny Unit 2H
Well Pad Name: Furboe Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 03/24/2022 Date Permit Application Filed: 03/24/2022 Notice of: PERMIT FOR ANY □ CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☐ PERSONAL REGISTERED METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION SERVICE Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule. ☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to: ☐ COAL OWNER OR LESSEE M SURFACE OWNER(s) Name: NO DECLARATIONS ON RECORD WITH COUNTY Name: James Allen Sell Address: Address: 11024 Shortline Highway Reader, WV 25167-8596 □ COAL OPERATOR Name: Name: NO DECLARATIONS ON RECORD WITH COUNTY Address: Address: SURFACE OWNER(s) (Road and/or Other Disturbance) FI WATER PURVEYOR(s)/OWNER(s) OF WATER WELL, Name: James Allen Sell SPRING OR OTHER WATER SUPPLY SOURCE Address: 11024 Shortline Highway Reader, WV 26167-8596 Name: PLEASE SEE ATTACHMENT Address: Name: Address: □ OPERATOR OF ANY NATURAL GAS STORAGE FIELD Office of Oil and Gas ☐ SURFACE OWNER(s) (Impoundments or Pits) Name: MAR 2 8 2022 Address: Name: Address: V.V Datimino tol *Please attach additional forms if necessary Environne der Pro

API NO. 47-103 0 3 0 3 4 9 5
OPERATOR WELL NO. Lianny Unit 2H
Well Pad Name: Furbee Pad

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include; (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.uspx.

Well Location Restrictions

Pursuant to W, Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir, (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

WW-6A (8-13) API NO.447_101 0 3 0 3 4 9 5
OPERATOR WELL NO. Lenny Unit 2H

Well Pad Name: Furbee Pad

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WW-6A (8-13) API NO.47 103 0 3 0 3 4 9 5
OPERATOR WELL NO. Lenny Unit 2H
Well Pad Name: Furbee Pad

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.



WW-6A (8-13)

API NO. 47-103 - 0 3 4 9 5
OPERATOR WELL NO. Lenny Unit 2H
Well Pad Name: Furbee Pad

Notice is hereby given by:

Well Operator: Antero Resources Corporation

Telephone: (303) 357-7310 Diana O. Hold Email: mstanton@anteroresources.com Address: 1615 Wynkoop Street

Denver, CO 80202

Facsimile: 303-357-7315

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

DIANE BLAIR
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 19994011871
MY COMMISSION EXPIRES 27-Apr-2024

Subscribed and sworn before me this 24 day of Max, 2022.

Notary Public

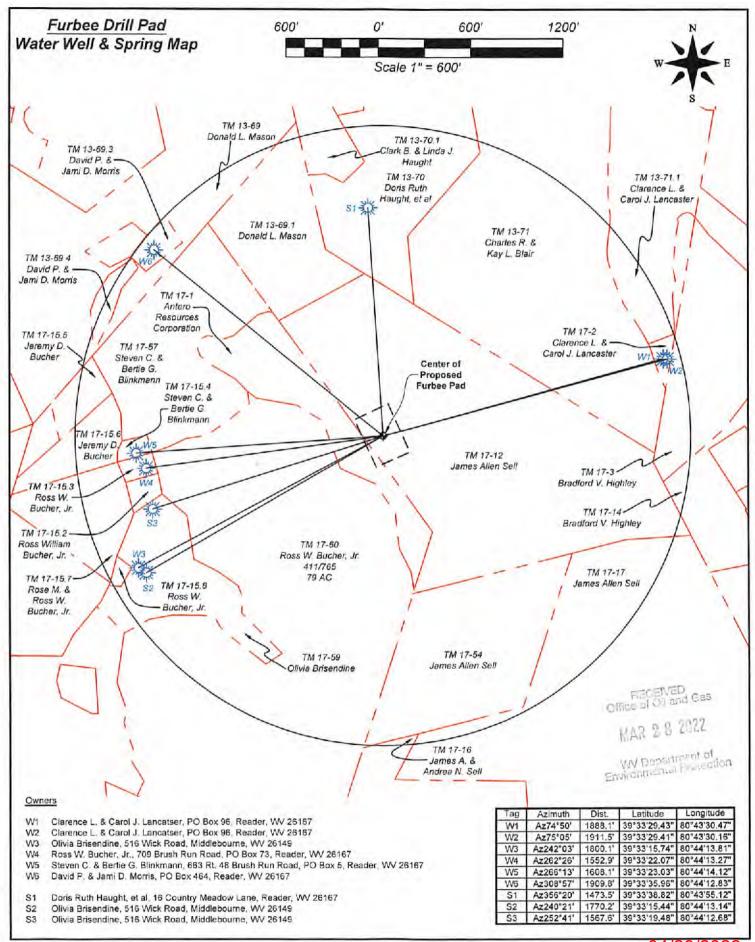
My Commission Expires_

27 Apr 2024

Office of Oil and Gas

MAR 2 8 2022

WV Department of Environmental Projection



WW-6A Notice of Application Attachment (Furbee Pad Wells):

SPRING WATER SOURCE OWNER(s): Within 1500'

TM 13-70

1 Spring Well: 1473.5' (S1)

Owner:

Doris Ruth Haught, et al

Address:

16 Country Meadow Lane

Reader, WV 26167-1500



STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Date of Notic	Requirement: Notice shall be provided e: 02/12/2022 Date Pe	at least TEN (10) days prior to filing a ermit Application Filed: 03/24/2022	permit application.
Delivery met	hod pursuant to West Virginia Code §	22-6A-16(b)	
☐ HAND	■ CERTIFIED MAIL		
DELIVE		EOUESTED	
receipt reques drilling a hori of this subsec subsection ma and if availab	sted or hand delivery, give the surface ov izontal well: <i>Provided</i> , That notice give tion as of the date the notice was provide	when notice of its intent to enter upon the pursuant to subsection (a), section to ed to the surface owner: <i>Provided, however</i> . The notice, if required, shall included address of the operator and the operator	an operator shall, by certified mail return ne surface owner's land for the purpose of en of this article satisfies the requirements vever, That the notice requirements of this ude the name, address, telephone number, or's authorized representative.
	s Allen Sell	Name:	
	4 Shortline Highway	Address:	
Notice is he Pursuant to W	Vest Virginia Code § 22-6A-16(b), notic		well operator has an intent to enter upon
Notice is he Pursuant to W the surface ov State: County: District:	reby given: Vest Virginia Code § 22-6A-16(b), notice wher's land for the purpose of drilling a half west Virginia West Virginia Wetzel	UTM NAD 83 Basting: Northing: Public Road Access:	1lows: 523089m 4378647m Furbee Ridge Rd
Notice is he Pursuant to W the surface ov State: County:	reby given: Vest Virginia Code § 22-6A-16(b), notic wner's land for the purpose of drilling a h West Virginia Wetzel	Orizontal well on the tract of land as for Easting: Northing:	bllows: 523089m 4378647m
Notice is he Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to W facsimile nur related to hor	reby given: Vest Virginia Code § 22-6A-16(b), notice wher's land for the purpose of drilling a harder west Virginia Wetzel Green Pine Grove 7.5' Fishing Creek Shall Include: West Virginia Code § 22-6A-16(b), this mber and electronic mail address of the rizontal drilling may be obtained from the contract of the c	UTM NAD 83 Basting: Northing: Public Road Access: Generally used farm name: is notice shall include the name, addit operator and the operator's authorize the Secretary, at the WV Department of	1lows: 523089m 4378647m Furbee Ridge Rd
Notice is he Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to W facsimile nur related to hor located at 601	reby given: Vest Virginia Code § 22-6A-16(b), notice wher's land for the purpose of drilling a harder west Virginia Wetzel Green Pine Grove 7.5' Fishing Creek Shall Include: West Virginia Code § 22-6A-16(b), this may be obtained from the property of	UTM NAD 83 Basting: Northing: Public Road Access: Generally used farm name: is notice shall include the name, addit operator and the operator's authorize the Secretary, at the WV Department of	Sllows: 523089m 4378647m Furbee Ridge Rd James Allen Sell ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters,
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Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer awy.gov.

WW-6A5 (1/12)

4 7 1 () 3 0 3 4 9 5 Operator Well No. Lenny Unit 2H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

	hod pursuant to West Virginia Co	12 11 11 11 11			
	FIED MAIL	☐ HAND			
RETUI	RN RECEIPT REQUESTED	DELIVERY			
return receipt the planned of required to be drilling of a damages to the (d) The notice of notice.	V. Va. Code § 22-6A-16(c), no late requested or hand delivery, give the prevail on the notice required by a provided by subsection (b), section herizontal well; and (3) A propose the surface affected by oil and gas on the provided by this section shall be good to the SURFACE O	e surface owner whose lan this subsection shall inclu- nate of this article to a sur- d surface use and compen- erations to the extent the di- given to the surface owner	d will be used for de: (1) A copy face owner whos sation agreemen amages are comp	or the drilling of of this code see land will be not containing a pensable under	of a horizontal well notice of section; (2) The information used in conjunction with the n offer of compensation for r article six-b of this chapter.
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Il and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

API NO. 47407 1 0 3 0 3 4 9 5
OPERATOR WELL NO. Lenny Unit 2H
Well Pad Name: Furboe Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

VOLUNTARY STATEMENT OF NO OBJECTION

Instructions to Persons Named on Page WW-6A

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

Comment and Waiver Provisions

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

VOLUNTARY STATEMENT OF NO OBJECTION

State:	West Virginia	JTM NAD 83 Easting:	523089m
County:	Wetzel	Northing:	
District:		Public Road Access:	Furbee Ridge Rd.
Quadrangle: Watershed:	Fishing Creek	Generally used farm name:	James Alien Seil
SURFA	CE OWNER		
□ SURFA	CE OWNER	200000000000000000000000000000000000000	
		Daint Mount	
□ SURFA	CE OWNER (Road and/or Other Disturbance)	Date:	
□ SURFA	CE OWNER (Impoundments/Pits)		
□ COAL C	OWNER OR LESSEE		ION BY A CORPORATION, ETC.
		By:	RECEIVED
□ COAL C	PERATOR	Its:	
□ WATER	RPURVEYOR	Signature:	MAR 2 8 202
□ OPERA	TOR OF ANY NATURAL GAS STORAGE I	FIELD Date:	Wy Lapaniyen

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Subdivision 3.3.e A listing of the anticipated additives that may be used in the water used for fracturing or stimulating the well. (A listing of the additives that were actually used in the fracturing or stimulating of the well shall be submitted as part of the completion report required by W. Va. Code 22-6-22.)

FRACTURING/STIMULATING INTERVAL

Additive	Chemical Abstract Service Number (CAS #)
1. Fresh Water	7732-18-5
2. 2 Phosphobutane 1,2,4 tricarboxylic acid	37971-36-1
3. Ammonium Persulfate	7727-54-0
4. Anionic copolymer	Proprietary
5. Anionic polymer	Proprietary
6. BTEX Free Hydrotreated Heavy Naphtha	64742-48-9
7. Cellulase enzyme	(Proprietary)
8. Demulsifier Base	(Proprietary)
9. Ethoxylated alcohol blend	Mixture
10. Ethoxylated Nonylphenol	68412-54-4
11. Ethoxylated oleylamine	26635-93-8
12. Ethylene Glycol	107-21-1
13. Glycol Ethers	111-76-2
14. Guar gum	9000-30-0
15. Hydrogen Chloride	7647-01-0
16. Hydrotreated light distillates, non-aromatic, BTEX free	64742-47-8
17. Isopropyl alcohol	67-63-0
18. Liquid, 2,2-dibromo-3- nitrilopropionamide	10222-01-2
19. Microparticle	Proprietary
20. Petroleum Distillates (BTEX Below Detect)	64742-47-8
21. Polyacrylamide	57-55-6
22. Propargyl Alcohol	107-19-7
23. Propylene Glycol	57-55-6
24. Quartz	14808-60-7
25. Sillica crystalline quartz	7631-86-9
26. Sodium Chloride	7647-14-5
27. Sodium Hydroxide	1310-73-2
28. Sugar	57-50-1
29. Surfactant	68439-51-0
30. Suspending agent (solid)	14808-60-7
31. Tar bases, quinolone derivs, benzyl chloride-quarternized	
32. Solvent Naptha, petroleum, heavy aliph	64742-96-7
33. Soybean Oil, Me ester	67784-80-9
34. Copolymer of Maleic and Acrylic Acid	52255-49-9
35. DETA Phosphonate	15827-60-8
36. Hexamythylene Triamine Penta	34690-00-1
37. Phosphino Carboxylic acid polymer	71050-62-9
38. Hexamethylene diamine penta	23605-74-5
39. 2-Propenoic acid, polymer with 2 propenamide40. Hexamethylene diamine penta (methylene phosphonic)	9003-06-9 acid) 23605-74-5
41. Diethylene Glycol	•
42. Methenamine	111-46-6 100-97-0
43. Polyethylene polyamine	68603-67-8
44. Coco amine	61791-14-8
45. 2-Propyn-1-olcompound with methyloxirane	38172-91-7
10. 2.1.0pm 2 oloompound with methyloxidate	301/2-31-/



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION Division of Highways

1900 Kanawha Boulevard East . Building Five . Room 110

D. Alan Reed, P.E. State Highway Engineer Charleston, West Virginia 25305-0430 • (304) 558-3505

Jimmy Wriston, P. E. Secretary of Transportation Commissioner of Highways

February 18, 2022

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the Furbee Pad, Wetzel County

Lenny Unit 2H Well Site

Dear Mr. Martin,

This well site will be accessed from DOH permits #06-2012-0012 & 0013 which have been issued to Antero Resources for access to the State Road for a well site located off Wetzel County Route 50 SLS MP 0.80 & MP 1.10.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Gary K. Clayton, P.E.

Jan K. Clayton

Regional Maintenance Engineer Central Office O&G Coordinator

Cc: Diane Blair Antero Resources

CH, OM, D-6

File

04/29/2022

WV Pepsingent of

FURBEE WELL PAD & WATER CONTAINMENT PAD SITE DESIGN & CONSTRUCTION PLAN.

EROSION & SEDIMENT CONTROL PLANS

GREEN DISTRICT, WETZEL COUNTY, WV LITTLE MUSRINGUM-MIDDLE ISLAND WATERSHED

PORTER FALLS & PINE GROVE USGS 7.5 QUAD MAP(S)

APPROVED WVDEP OOG

4/13/2022

LATTUDE 30.556080 LONGITUDE -80.730536 (NAD 27) A 4378631 PI E 543163.63 (UTM ZONE 17 METERS CENTROLD OF PAD

LATHROD SPESSAGE LONGITUDE -NO.731076 (RAD RS)

LATHROD SPESSAGE LONGITUDE -NO.731076 (RAD RS)

N 437601) 85 E 503103 56 (UTM CONE (7 METERS)

LOCATION COORDINATES: ACCESS ROAD 'A' ENTIANCE CONSTITUTE -00.730989 (RAD 83) LATITUDE 30-53-692 LOCATIVES -00.731098 (RAD 87) * 4378-9821 & SCHILLI (UTA 12008 IT MILETON * 4378-9821 & SCHILLI (UTA 12008 IT MILETON

ACLISS NOAD # ENTRANCE.
LATTFUDE 39.507532 LONGITUDE -80.734287 (MAD 83)
LATTFUDE 39.507452 LONGITUDE -80.734486 (MAD 87)
N 4378883.19 E 522826.91 (UTW JUNE 17 METERS)

CENTER OF TANK LATTFUDE 38.556160 LONGITUDE -50.700417 (NAD 62)

GENERAL DESCRIPTION:

THE ACCESS HOAD(S) AND VELL PAD ARE BEING CONSTRUCTED TO AID IN THE DEVELOPMENT OF INDIVIDUAL MARCELUS SHALE GAS WELLS

MISS_UTILITY_STATEMENT:
ANTER REPOWERS CONTRACTOR FILL NOTIFY MISS UTILITY OF MEST WINDING FOR THE LOCATING OF
UTILITIES PRIOR TO THE PROJECT PRISON, TICKET PROMEINS SO. IS ADMITTON, MISS UTILITY WILL BE
CONTRACTED BY WHE CONTRACTION FROM TO THE START OF CONSTRUCTION FOR THIS PROJECT.

ACCESS DOMES TO SERVICE OFFI

ENTRANCE PERMIT:
ANTEND RESOURCES COMPORATION WILL OBTAIN AN ENCRONCHMENT PERMIT (FORM AM-109) FROM THE
WEST VIGINIA DEPARTMENT OF TRANSPORTATION DISCIONS OF HIGHWAYE, PRIOR TO COMMENCEASING OF
CONSTRUCTION ACTIVITIES.

FLOODPLAIN NOTES

THE PROPOSED SITE IS LOCATED WITHIN PEMA PLOOD ZONE IN PER FEMA PLOOD MAP ADMINISCO FOR

GEOTECHNICAL NOTES

A SUBSURFACE INVESTIGATION OF THE PROPOSED BITE WAS PERFORMED BY PENNSYLVANIA SOIL &
BOCK, INC., NUMBERS NOVAMES ON A NOTEMBER IN, SOID, THE REPORT PERFARD BY
BOCK, INC., NUMBERS NOVAMES ON A NOTEMBER IN, SOID, THE REPORT PERFARD BY
THE RESIDENT OF THE SUBSURFACE INVESTIGATION. THE DEFORMATION AND DECOMPANIES
CONTAINED BY THIS SUPPORT PERFE USED IN THE PETERATION OF THESE PENNS. PEACH REPORT TO
THE SUBSURFACE INVESTIGATION SUPPORT BY PENNSYLVANIA SOIL & ROCK, INC. FOR ADDITIONAL
STOCKLASSO, SO RECEIVED.

ENTOGRATION, AS NESSEE

ENVIRONMENTAL NOTES:

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PROJECT CONTACTS:

OFERATOR, ANTERO RESOURCES CORPORATION 535 WHITE DAKS BLVD ERIDGEPORT, WY 25330 PHONE (304) 842-4100 FAX (304) 842-4102

| NAME |

DIANA HOFF EVE OF ERATIONS

AARON KUNZLER - CONSTRUCTION WANAGES (334) 542-4191

ROBERT EDDY - UTILITY COORDINATOR CELL (304) 719-5199

DAVID PATRY - LAND MIENT CELL: (304) 478-6090

ENVIRONMENTAL SOLUTIONS & INNOVATIONS, INC. VALERIE CLARISTON - ECOLOGIST OFFICE (304) 760-3803 CFIL (513) 382-0925

ROBERT WIRES - REMEIN MANAGER
OFFICE (304) 842-4100 CELL (304) 827-7405 FENNSTLANAK SUL R ROCK REC
ORRESPONDE T RAMINS - PROPER ENOUGHER
OFFICE 1423 277-4000 CELL (418) 599-0602

RESTRICTIONS NOTES:

1. THERE ARE NO PRIENNAL STREAMS, LANCE, PONCE OR RESERVOIRS WITHIN 100 FEET OF THE WILL PAD AND LOO, THERE IS A VETLAND OPACT THAT WILL NEED TO BE PROMITTED BY THE AFTOPHEAST ADDINGES THERE IS A VETLAND ADJACENT TO BY THE PROPOSE ACCESS AREA "I'M SECOND AND ADJACENT TO THE PROPOSE ACCESS AREA "I'M SECOND AREA "C" THAT SHALL REMAIN HOSSITHERED.

- 2. THERE ARE NO NATURALLY PRODUCING TROUT STREAMS WITHEN 300 FEET OF THE WELL PAD AND LOD
- 3 THERE ARE NO GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY FACILITIES WITHIN 1000 FEET OF THE WELL PAD AND LCD.
- 4. THERE ARE NO APPARENT EXISTING WATER WELLS OR DEVELOPED SPRINGS WITHIN 250
- 5. THERE ARE NO OCCUPIED DWILLING STRUCTURES WITHIN 625 FIRST OF THE CENTER OF THE YELL PAD.
- M. THERE ARE NO AGRICULTURAL EURDINGS LARGER THAN 2,500 SQUARS FEET WITHIN 625 FEET OF THE CENTER OF THE WELL PAD.

WELL PAD WATER CONTAINMENT PAD 'B' ENTRANCE 'A' ENTRANCE (91)

WEST VIRGINIA COUNTY MAP



(NOT TO SCALE)

DESIGN CERTIFICATION:
THE BRANNES CONTRICTION NOTES, AND
REFERENCE BLACAMAN STATEMED HERETO BAYE
BEEN PREPARED IN ACCORDANCE WITH THE
WEST VIRRIAN CODE OF FATHE FULLES, DIFFIEN
OF ENVIRONMENTAL PROTECTION, DEFICE OF OIL
AND GAS CEN BIS-B

REPRODUCTION NOTE

THESE PLANS WHEE CREATED TO BE PLOTTED ON SETEMA" (ARES D) PAPER BALF BOALS DRAWINGS ARE ON 11517" (ANS) SO PAPER

THESE PLANS WERE CHEATED FOR COLDE PLATTING AND ANY INSPRIGIETTING IN GRAY SCALE OF COLDEN WAY RESILT IN A LOSS OF INFORMATION AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES

WVDOH COUNTY ROAD MAP



MISS Utility of West Virginia 1-800-245-4848 West Virginia State Law (Section XIV Chapter 24-C) Requires that you call two business days before you dig in the state of West Virginia. IT'S THE LAW!!

SHEET INDEX:

- 1 COVER SHEET
- 2 CONSTRUCTION AND END CONTROLS NOTES
- A MATTERIAL DUAMPITIES
- 5 STORM DRAINAGE & EAS COMPUTATIONS

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PROCESSING

- T OVERALL PLAN SHEET HOUSE & VOLUMES
- N-R ACCESS FOAT, WELL PAR A WATER CONTAINMENT PAR FLAS
- 10 WELL PAD & MATER CONTAINMENT PAD GRADING PLAN
- 12 ACCESS ROAD SECTIONS
- 13-15 WELL PAD & WATER CONTAINMENT PAD SECTIONS
- 16 STOCKPILE AREA SECTIONS
- 17-24 CONSTRUCTION DETAILS

25-26 - ACCESS RUAD, WELL PAIL & WATER CONTAINMENT PAIR RECLAMATION PLAN

FURSEE LIMITS OF DISTURGANCE A	REA (AC)
Total Site	THE PERSON
Access Road "A"	1.70
Access Road "B"	3.15
Well Pad & Weier Containment Pad	12.88
Excess/Topsoi Material Stockpiles	11.25
Total Affected Area	30.00
Total Wooded Acres Disturbed	26 80
Impacts to Antero Resources Corp. T	M 17-1
Access Road "A"	1.79
Access Road "B"	3.11
Well Fact & Water Containment Pact	3.54
Excess/Topsoil Material Stockpites	0.57
Total Affected Area	9.51
Total Wooded Acres Disturbed	8.59
impects to Antero Resources Corp. T	M 17-12
Access Road B*	0.04
Weit Pad & Water Containment Pag	10.22
Excess/Tepsoil Material Stockpiles	10 7
Total Affected Area	20.95
Total Wooded Acres Disturbed	18.2

FURBEE WETLAND IM	ACT (SQUA	ME FEET)	
Wetland and Impact Cause	FIE(SF)	Total impact (SF)	Total impact (AC)
Wedard 07 (Stockpin "A")	137	337	0.00
Method: 03 (Well Pad & Water Costainment Pad)	1.639	1 869	0.04

FURBEE EPHEMERAL	STREAM			
	Perms	nent impacts	Temp impacts	****
Streem and Impect Cause		Infeth/Outlets	Controls (LF)	0.51
Stream 12 (Well Pad & Water Containment Pad)	33	G G	15	48

Valid Notice	NACI ST	NAD 27 Lat & Long	JONE 17	NAC E3 Lat & Long
		Parmit	ted Location	NAME OF TAXABLE PARTY.
Schieberry	N 367403, FY	CAT 39-33-26 24(0)	N 4378004 SO	DIRECTER TA
UNIT 2H	E 1862791.57	LONG-80-43-63-3984	E 523094 M	LDNG-80-43-51 5551
Eckleberry	PI 207445.25	LAT 26-33-26 SET?	N 4379900 5E	LAT 25-23-26 SMM
UNIT 1H	E 1057705 48	1.000 40 43 43 3430	£ 623065.43	LONG-80-43-52 5021
Render	Pt 367434,77	LAT 39-53-25 8251	N-4379656.1T	LBT-10-33-26-2138
UNIT 2H	E 1662/96 30	LEVEL AC 42 AS 1875	E 123081.09	LDNG-80-43-52 5606
Report	11 367420.28	LAT 29-30-25 7825	N 4378601.75	LAT 96-53-26 0712
LINET IN	# 1632900 50	1092-8043-51 (41)	E 121067 86	CONTRACTOR AND
Lanny	PF 387 405 80	LAT 39-25-25.6400	N 4370047 36	LAT 29-33-25 0200
UNIT TH	6, 1652907.20	LONG-80-43-63-0987	6. 975095-72	UNIO 8040 52464
Lanny	19 387301.03	LAT 29-33-25 4974	34 4378042.96	LAT 29-33-29, 7893
AMET THE	£ 1062811-11	DHG-60-43-65 DHD	E SEXENT 46	LONG-80-45-52 2004
Meunt	19 36T228 85	LAT 39-53-23 8812	Di 437850 25	LATGAZAGE HOUR
UNIT IN	E 1862804.21	CONG NO 43 81 0485	E 523116.53	LONG-80-43-81.3017
Viswer	19 387214 64	(AT 39-33-23 7657	N 4376549 70	LAT 26-32-24 0844
EMPET 204	E 1652900 46	LDN3-80-43-01-8385	E 523119.5"	LOYG-80-45-01 1606
Gaure	N 367203.02	LAT 39-33-23-6502	14 43785est +4	LAT 39-35-23 8389
UNIT 1H	E 1610012 10	LONG 80-43-81 7084	E 621122 30	1,04G-80-G-81008
Gauss	19.067161.21	LAT 39-33-71 5347	N ASTRONC SIL	AT 29-33-23-8294
UNIT 2H	E 1552521 S4	CNG-404581 MIS	E 523 (25 26	1010 40-0-00 5415
Maker	N 387179.36	LAT 39-31-21-4191	N 4578579 NA	LAT 19-33-23-TUTE
UNIT 194	E 1050531 18	LONG-80-43-81 4663	E 523125.14	LONG -80-43-50 1235
Maker	N 367167.58	LAT 39-33-23 3056	N 4378575.40	LAT 30-38 23 9029
UNIT 2H	E 1052640 47	LOVO-8043-01-5402	€ 523131 01	LOHO 46-43-50 7634
Furbes	N 387270 70	LAT 39-33-Q4 2985	N 4378905 99	LAT 79-33-24 5871
UNIT SH	E. 1952781.08	LONG 40 43 63 66 67	N: 523076.64	LONG-8043-53-0114
responsed Wald	Pad Elevation	1,212.0		

S FINDINEERING

ACCESS ROAD "A ACCESS ROAD "A PSILNE RELOCATI R WY DEP CONNE ER CLEME REQUI



THIS DOCUMENT BAS PREPARED FOR ARTERO RESOURCES COMPORATION

PAD WATER CONTAINMENT GREEN DISTRICT COUNTY, WEST VIRGINIA

SHEET

COVER WELL PAD



DATE: 06/23/2020 SCALE AS SHOWN

