

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

Friday, October 8, 2021 WELL WORK PERMIT Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET DENVER, CO 80202

Re: Permit approval for ED YOST UNIT 5H

47-095-02760-00-00

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 casing. 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.

Operator's Well Number: ED YOST UNIT 5H

Farm Name: EDWARD YOST ESTATE

U.S. WELL NUMBER: 47-095-02760-00-00

Horizontal 6A New Drill Date Issued: 10/8/2021

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 shall be flow tested by the operator upon request of the drinking well owner prior to operating 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 causing 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:	

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.

API NO. 47-095 -	02760
OPERATOR WELL	NO. Ed Yost Unit 5H
Well Pad Name:	Ed Yost

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

1) Well Operator: Antero Reso	ources Corporat	494507062	095 - Tyler /	Ellsworth	Porter Falls 7.5'
<u></u>		Operator ID	County	District	Quadrangle
2) Operator's Well Number: Ed	Yost Unit 5H	Well Pad	Name: Ed Yo	st	
3) Farm Name/Surface Owner:	Edward Yost Es	tate Public Roa	d Access: CR	11	····
4) Elevation, current ground:	1270' El	evation, proposed	post-construction	on: <u>~1233</u>	
5) Well Type (a) Gas X Other	Oil	Unde	erground Storag	ge	
(b)If Gas Sha	llow X	Deep			
Hor	izontal X	<u>-</u>			
6) Existing Pad: Yes or No No			_		
7) Proposed Target Formation(s) Marcellus Shale: 7300' TVD, A		•	-	• ,	
8) Proposed Total Vertical Depth	n: 7300' TVD	/			
9) Formation at Total Vertical D)			
10) Proposed Total Measured De	epth: 7300' MD	1			
11) Proposed Horizontal Leg Le	ngth: 0' *Open	to modification at	a later date*	•	
12) Approximate Fresh Water St	rata Depths:	460' and 515'	/		
13) Method to Determine Fresh	Water Depths: 0	95-00269, Depths hav	e been adjusted a	ccording to su	rface elevations.
14) Approximate Saltwater Dept	hs: 2183' /				
15) Approximate Coal Seam Dep	oths: None Antic	cipated			
16) Approximate Depth to Possi	ble Void (coal mi	ne, karst, other): _	None Anticipat	ed	
17) Does Proposed well location directly overlying or adjacent to			No	X	
(a) If Yes, provide Mine Info:	Name:				
Der aliston.	Depth:				
GER 9/15/2021 by permission of	Seam:				
Doug Newlon	Owner:				

_	02760
	_

OPERATOR WELL NO. Ed Yost Unit 5H

Well Pad Name: Ed Yost

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	94#	80	80 /	CTS, 77 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	565	565 /	CTS, 417 Cu. Ft.
Coal	9-5/8"	New	J-55	36#	2500	2500 /	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	7300	7300 /	1601 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

908 9/15/204

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"	0.438"	1530	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"	12,630	9300	Lead-H/POZ & Tail - H	H/POZ-1.44 & 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		

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.		
20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max	x rate:	
	act	र्वटा
	. 41,	11
21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 81.74 acres		
22) Area to be disturbed for well pad only, less access road (acres): 8.91 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 compant additions are interested to the second s	_	
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:		
, and the same of		
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yvy Department of Environmental Protection

^{*}Note: Attach additional sheets as needed.

WW-9 (4/16)

API Number 47 - 095

Operator's Well No. Ed Yost Unit 5H

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) Outlet Middle Island Creek	Quadrangle Porter Falls 7.5'
Do you anticipate using more than 5,000 bbls of water to co	
Will a pit be used? Yes No	
If so, please describe anticipated pit waste: No on well	be used at this site (Drilling and Flowback Fluide will be stored in tanks. Cuttings will be binked and hauled 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 Wastes:	
Land Application	
	mit Number *UIC Permit # 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/ WY0109410
Will closed loop system be used? If so, describe: Yes, fluid	s stored in tanks, cuttings removed offsite and taken to landfill.
Drilling medium anticipated for this well (vertical and horiz-	ontal)? Air, freshwater, oil based, etc. Surface-Al-Weighwater, intermediate-Dust/Stiff Foam, Production - Water Based Must
-If oil based, what type? Synthetic, petroleum, etc.	Synthetic
Additives to be used in drilling medium? Please See Attachm	ent A
Drill cuttings disposal method? Leave in pit, landfill, remov	ed offsite, etc. Drill cuttings stored in tanks, removed offsite and taken to landfill.
-If left in pit and plan to solidify what medium will	
	Landfill (Permit #SWF-1032-98), Northwestern Landfill (Permit # SWF-1025/WV0109410)
-Laudini of offsite name/perimi number:	
	d Gas of any load of drill cuttings or associated waste rejected at any ed within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the West provisions of the permit are enforceable by law. Violations law or regulation can lead to enforcement action. 1 certify under penalty of law that I have personal application form and all attachments thereto and that, ba	d conditions of the GENERAL WATER POLLUTION PERMIT issued Virginia Department of Environmental Protection. I understand that the of any term or condition of the general permit and/or other applicable lly examined and am familiar with the information submitted on this sed on my inquiry of those individuals immediately responsible for true, accurate, and complete. I am aware that there are significant ibility of fine or imprisonment.
Company Official Signature Gretchen Kohler	PECEIVED _
Company Official (Typed Name) Gretchen Kohler	process of Oil and Gas
Company Official Title Director of Environmental & Regulator	y Compliance SEP 7 2021
- A	A periment of pronountal Protection
Subscribed and sworn before me this day of	Dr. gust . 2001
Julya C Tutory	Notary Public
My commission expires 01/10/2000	TELENA C MITCHELL NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20184001748 MY COMMISSION EXPIRES JANUARY 10, 2022 10/08/2021

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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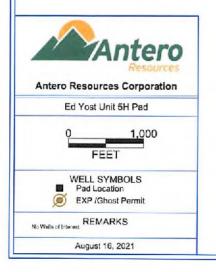
WW Department of Civironmental Protection Form WW-9

Proposed Revegetation Treatme	nt: Acres Disturbed 81.74 a	cres Prevegetation	рН
Lime 2-4	Tons/acre or to correct to ph	H 6.5	
Fertilizer type Hay or s	traw or Wood Fiber (will be used	where needed)	
Fertilizer amount 500		os/acre	
Mulch 2-3	Tons/		
Access Road "A" (0.3	79 acres) + Access Road "B" (18,11 acres) (4.76 acres) + Excess/Topsoil Material Stor	+ Access Road "C" (23.17 acres) + Well Pad (8 ckpiles (21.94acres) + Staging Area (4.96 acres	91 acres) + Water Containment 1 = 81.74Acres
	See	d Mixtures	
Тетр	orary	Per	manent
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	40	Crownvetch	10-15
Field Bromegrass	40	Tall Fescue	30
See attached Table IV-3 for additional	al seed type (Ed YostDesign)	See attached Table IV-4A for addition	nal seed type (Ed Yost Pad Design
*or type of grass seed reque Attach: Maps(s) of road, location, pit and	ested by surface owner I proposed area for land applic vill be land applied, include di	*or type of grass seed rec eation (unless engineered plans inc mensions (L x W x D) of the pit, a	juested by surface owner
*or type of grass seed requent Attach: Maps(s) of road, location, pit and provided). If water from the pit w	ested by surface owner I proposed area for land applic will be land applied, include discrea. 7.5' topographic sheet.	*or type of grass seed rec	juested by surface owner luding this info have been and dimensions (L x W), and
*or type of grass seed requentation: Attach: Maps(s) of road, location, pit and provided). If water from the pit watereage, of the land application a Photocopied section of involved Plan Approved by:	ested by surface owner d proposed area for land applic will be land applied, include dir urea. 7.5' topographic sheet.	*or type of grass seed receivation (unless engineered plans incomensions (L x W x D) of the pit, a	juested by surface owner luding this info have been and dimensions (L x W), and
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Ed Yost Unit 5H





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WV Department of Environmental Protection

10/08/2021



Ed Yost Unit 5H - Lateral Diagram



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WV Department of Environmental Protection

10/08/2021



911 Address
3438 Wetzel Tyler
Ridge Rd
New Martinsville
WV 26155

Well Site Safety Plan Antero Resources

Well Name: Ed Yost Unit 5H

Pad Location: Ed Yost PAD

Tyler County/Ellsworth District

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Wy Dopartment of Environmental Protection

GPS Coordinates:

Entrance - Lat 39.555311'/ Long -80.823601' (NAD83)

Pad Center - Lat 39.550905'/ Long -80.831138 (NAD83)

Driving Directions:

From Middlebourne, head Northeast on WV-18M/Main St towards Court st/Dodd St for 4.3 miles, turn right onto WV-180 N for 1.2 miles, turn right onto Wolfpen-Tenmile for 1.5 miles. Continue onto Wolfpen for 2.0 miles, Wolfpen turns slightly left and becomes Wolfpen-Tenmile for 312 ft, turn right into New Martinsville ridge/ Wetzel Tyler Ridge rd for 0.7 miles, Lease road will be on you right.

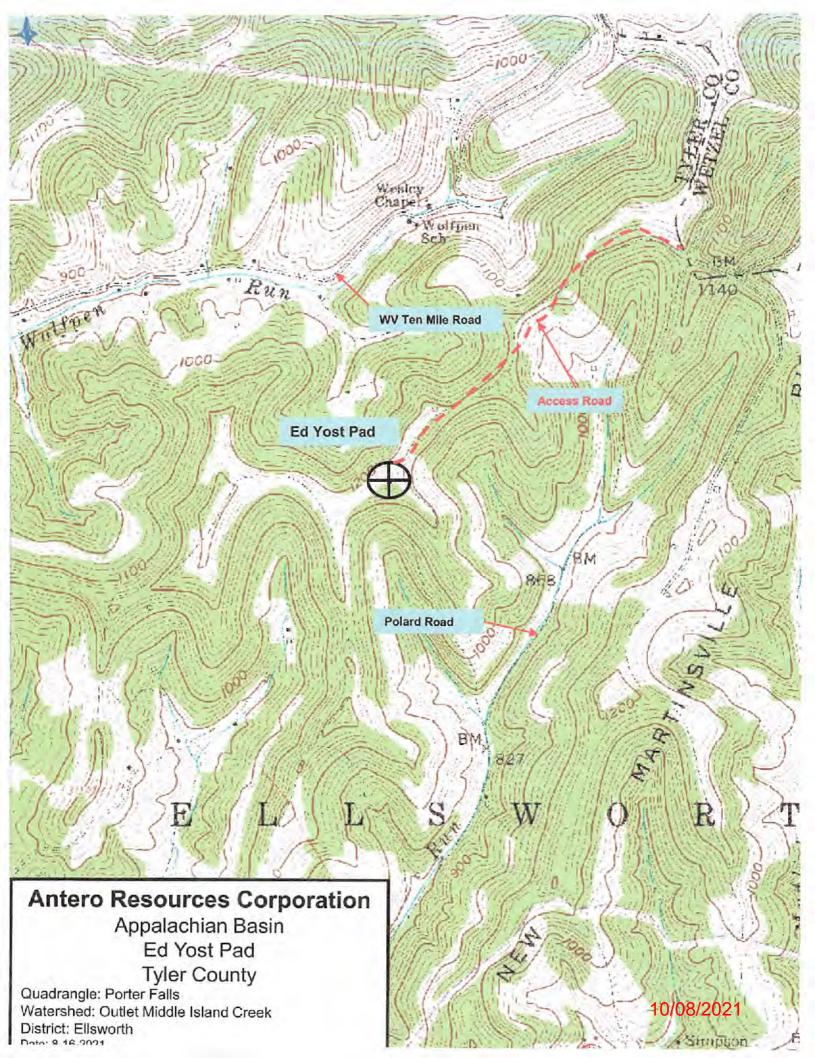
Alternate Route:

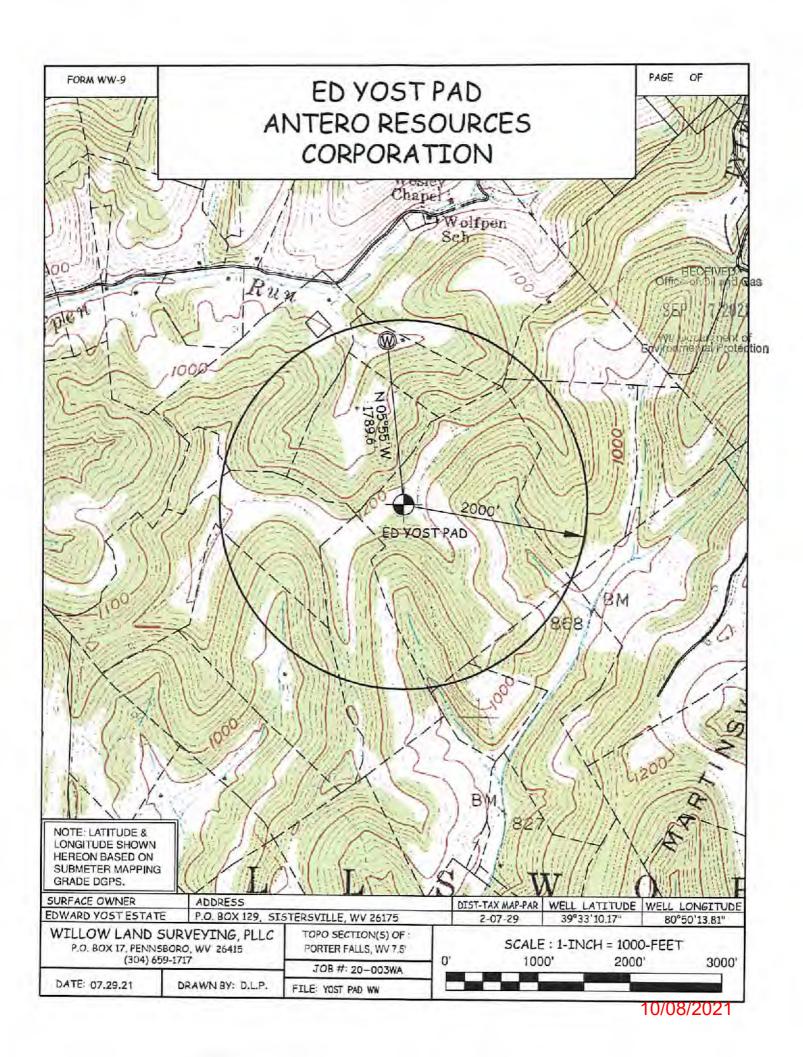
From Reader, head Northwest on Boarder Ln towards Old Mexico Rd for 16 ft, turn right onto CO Rd 40/2 for 0.1 miles, turn left onto WV-20N for 3.7 miles, turn left onto CO Rd 44 for 0.2 miles. Continue straight onto Chiselfinger Ridge Rd for 3.5 miles, turn right into Wetzel Tyler Ride Rd for 3.0 miles, Lease road will be on your left.

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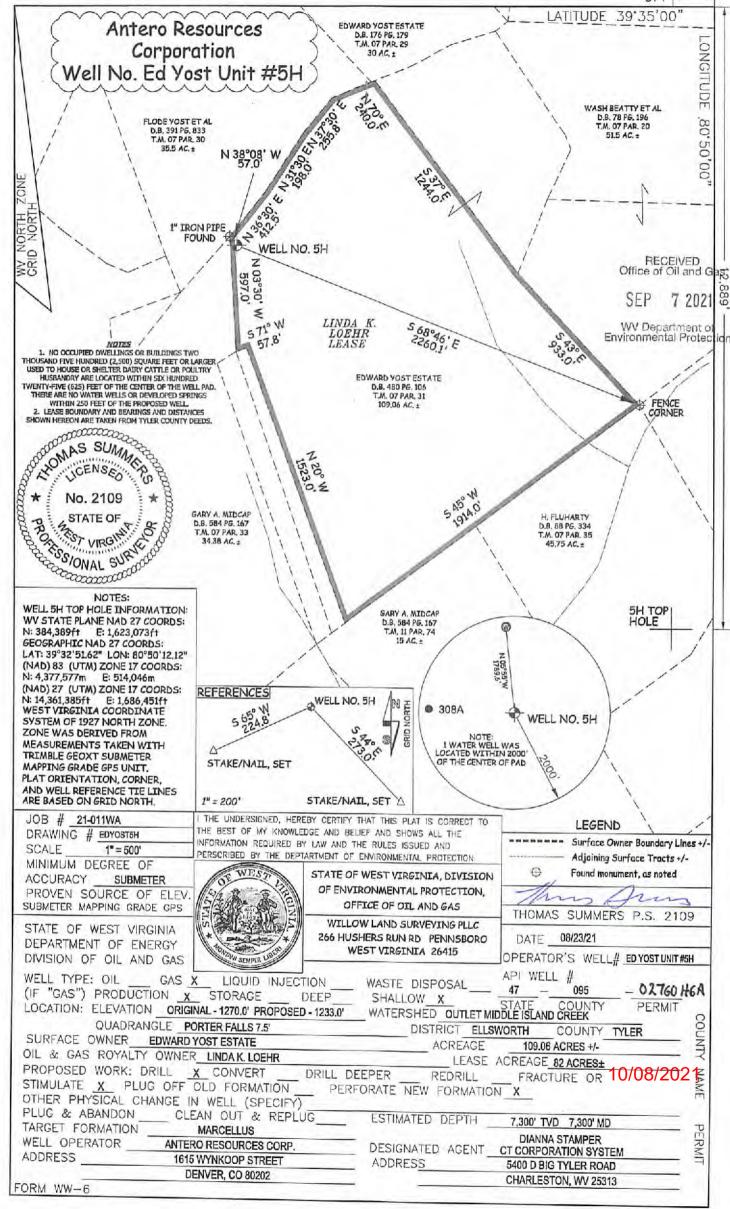
EMERGENCY (24 HOUR) CONTACT 1-800-878-1373

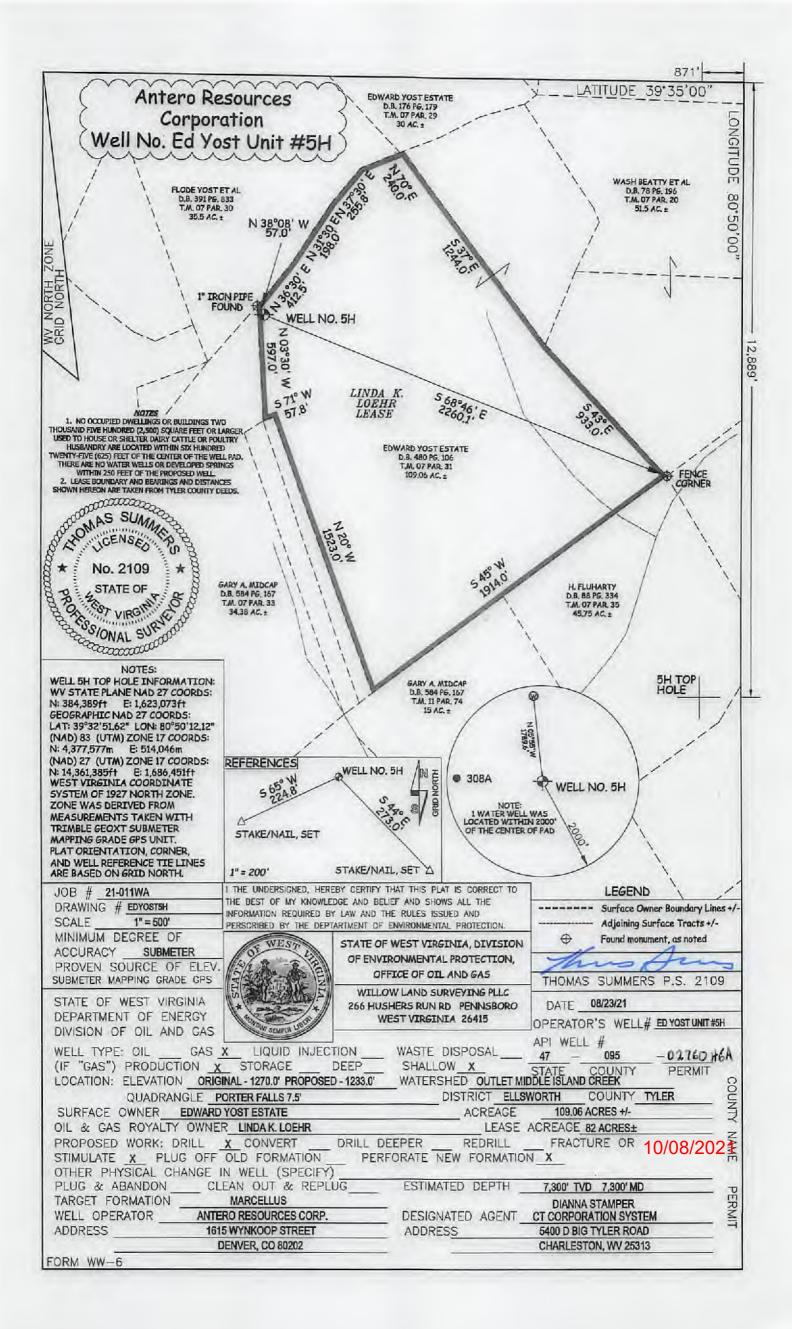
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INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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
Linda K Loehr Lease			
Linda K. Loehr	Antero Resources Corporation	1/8+	494/518

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CONTINUED ON NEXT PAGE

^{*}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 –

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Lease Name or Number	Grantor, Less	sor, etc.	Grantee, Less	see, etc.	Royalty	Book/Page
Linda K. Loehr Lease					-	
	Linda K. Loehr	Antero Res	ources Corporation	1/8+	494/518	

*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

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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:	Tim Rady	Lean Verlag			
Its:	VP of Land				

Page 1 of 1



Antero Resources 1615 Wynkoop Street Denver CO 80202 Office 303.357 7310 Fax 303.357 7315

August 20, 2021

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

RE: Ed Yost Unit 5H

Quadrangle: Porter Falls 7.5'

Tyler County/Ellsworth District, West Virginia

Mr. Martin:

Antero Resources Corporation (Antero) is submitting the following application for a new well work permit for the Ed Yost Unit 5H horizontal shallow well. 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 Ed Yost Unit 5H horizontal lateral will drill through including any and all roads crossed under as identified on the attached survey plat.

Sincerely,

Thomas Kuhn

Senior Staff Landman

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Www.Supartment of Environmental Protection

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

Date of Notice C	Certification: 08/20/2021	Al	PI No. 47	- 095	- <i>0</i> 276 <i>0</i>
		Oį	erator's	Well No.	Ed Yost Unit 5H
		w	ell Pad N	ame: Ed	Yost Pad
Notice has been					
Pursuant to the pr	rovisions in West Virginia Code §	22-6A, the Operator has provide	ed the requ	uired parti	es with the Notice Forms listed
	ot of land as follows: est Virginia	Γ-	_ 	544040	
County: Tyl	 		sting: orthing:	514046 4377577	,
	sworth	Public Road Access	-	CR 11	
	rter Falls 7.5'	Generally used farm		Edward Yos	t Estate /
	tlet Middle Island Creek				
it has provided the information required of giving the surrequirements of s Virginia Code § 2	secretary, shall be verified and she owners of the surface describ red by subsections (b) and (c), see face owner notice of entry to surface owner (b), section sixteen of 22-6A-11(b), the applicant shall the been completed by the applicant	ed in subdivisions (1), (2) and ction sixteen of this article; (ii) the rvey pursuant to subsection (a), this article were waived in wrender proof of and certify to the second	(4), subset at the require section to iting by the	ection (b), uirement on of this he surface	section ten of this article, the was deemed satisfied as a result article six-a; or (iii) the notice cowner; and Pursuant to West
that the Operator	t Virginia Code § 22-6A, the Oper has properly served the required		Notice Ce	rtification	OOG OFFICE USE
*PLEASE CHECK	ALL THAT APPLY				ONLY
☐ 1. NOTICE	E OF SEISMIC ACTIVITY or	INOTICE NOT REQUIRED SEISMIC ACTIVITY WAS CO			☐ RECEIVED/ NOT REQUIRED
☐ 2. NOTICI	E OF ENTRY FOR PLAT SURV	EY or NO PLAT SURVEY	WAS CO	NDUCTE	D RECEIVED
3. NOTICE	E OF INTENT TO DRILL or	☐ NOTICE NOT REQUIRED NOTICE OF ENTRY FOR PLAWAS CONDUCTED or			RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY (PLEASE ATTACH)			R
4. NOTICE	E OF PLANNED OPERATION	Office	RECEIVED of Oil and) d Gas	☐ RECEIVED
5. PUBLIC	CNOTICE	SE	P 72	021	RECEIVED
■ 6. NOTICE	E OF APPLICATION	WV Envirol	Departmental P	ent of rotection	☐ 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.

Its:

Certification of Notice is hereby given:

THEREFORE, | 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 Senior VP of Operations

Telephone: 303-357-7310 1615 Wynkoop Street

Denver, CO 80202

Facsimile: 303-357-7315

Email: mstanton@anterpresources.com

NOTARY SEAL

SYDNEY SWEITZER NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20184036008 MY COMMISSION EXPIRES SEPTEMBER 11, 201 Subscribed and sworn before me this 2

Notary Public

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.

> RECEIVED Office of Oil and Gas

SEP 7 2021

My Department of Environmental Protection WW-6A (9-13) API NO. 47-095 OPERATOR WELL NO. Ed Yost Unit 5H
Well Pad Name: Ed Yost Pad

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

Noti	ice Time Requirer	nent: notice shall be provide	ded no later tha	n the filing date of permit application.		
	e of Notice: 09/02/2 ice of:	02 Date Permit Applicat	tion Filed: 09/1	12/2021		
	PERMIT FOR AL	NY D CERTIFIC	CATE OF APP	ROVAL FOR THE		
_	WELL WORK			AN IMPOUNDMENT OR PIT		
Deli	very method purs	uant to West Virginia Co	de § 22-6A-10	(b)		
	PERSONAL	✓ REGISTERED	П метно	OD OF DELIVERY THAT REQUIRES A		
	SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION		
the soil and description operation o	urface of the tract of the digas leasehold be ribed in the erosion ator or lessee, in the coal scams; (4) The work, if the surface a water well, spring ide water for consumptions of the sheriff recision of this article is R. § 35-8-5.7.a re	n which the well is or is pro- ing developed by the propose and sediment control plan si event the tract of land on we event the tract of land on we event to be used for the plant of the gor water supply source local aption by humans or domest vity is to take place. (c)(1) If stion hold interests in the land puried to be maintained pursal to the contrary, notice to a lie- quires, in part, that the opera	posed to be located well work, if about the pursual thich the well proface tract or tracement, constraints article; (5) A ated within one of the animals; and a more than three ods, the applicant to section can holder is not ator shall also pr	the well plat to each of the following persons: (1) The ownered, (2) The owners of record of the surface tract or trace the surface tract is to be used for roads or other land disnet to subsection (c), section seven of this article; (3) The oposed to be drilled is located [sic] is known to be undects overlying the oil and gas leasehold being developed action, enlargement, alteration, repair, removal or abandany surface owner or water purveyor who is known to the thousand five hundred feet of the center of the well pad (6) The operator of any natural gas storage field within a tenants in common or other co-owners of interests designed that have severe the documents required upon the person desight, article one, chapter eleven-a of this code. (2) Notwoods the Well Site Safety Plan ("WSSP") to the surface as provided in section 15 of this rule.	ats overlying the sturbance as a coal owner, rlain by one or by the proposed tonment of any e applicant to which is used to which the cribed in seribed in the withstanding any owner. W. Va.	
☑ A	pplication Notice	☑ WSSP Notice ☑ E&	S Plan Notice	☑ Well Plat Notice is hereby provided to:		
SL	JRFACE OWNER	(s) ate, Flode Dale Adam Minks		COAL OWNER OR LESSEE		
Nam	ress: & Mike Minks C/	o ate, Flode Dale Adam Wilks		Name: NO DECLARATIONS ON RECORD WITH COUNTY Address: RI		CEIVED
	PO BOX 129 Sisterville, WV 26			Tradition.	Office o	Oil and Gas
Nam	e:	5175		☐ COAL OPERATOR	CED	77 2021
Addı	ress:			Name: NO DECLARATIONS ON RECORD WITH COUNTY	SEP	7 2021
ra er	DEACE OWNED	(a) (Dand and/ou Other Die	to who are a X	Address:	WV Dep	partment of
Nam		(s) (Road and/or Other Dis	turbance)	☐ WATER PURVEYOR(s)/OWNER(s) OF WATER WELL,	Environmé	ntal Protectio
Addi				SPRING OR OTHER WATER SUPPLY SOURCE		
2223				Name: NONE WITHIN 1500		
Nam	e:			Address:		
Addr	ress:					
	man Law - van	1.12		☐ OPERATOR OF ANY NATURAL GAS STORAG	GE FIELD	
		(s) (Impoundments or Pits)		Name:		
Nam Addr				Address:		
·····	end+			*Please attach additional forms if necessary		

WW-6A (8-13) 4709502760

API NO. 47- 085

OPERATOR WELL NO. Ed Yost Unit 5H

Well Pad Name: Fri Yost 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.department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.department of Environmental Control of Environmenta

Well Location Restrictions

SEP 7 2021

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing of water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within spection 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. 47-095 - O2760
OPERATOR WELL NO. Ed Yost Unit 5H

Well Pad Name: Ed Yost 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:

RECEIVED
Chief, Office of Oil and Gas

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

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WV Department of Environmental Protection

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.

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/def.nrll.asps 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.

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SEP 7 2021

WV Department of Environmental Protection WW-6A (8-13) API NO. 47-095 - 02760
OPERATOR WELL NO. Ed Yost Unit 5H
Well Pad Name: Ed Yost Pad

Notice is hereby given by:

Well Operator: Antero Resources Corporation

Telephone: (303) 357-7310 Diana O. Hoff

Email: mstanton@anterpresources.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.

SYDNEY SWEITZER
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20184036008
MY COMMISSION EXPIRES SEPTEMBER 11, 2022

Subscribed and sworn before me this 23 day of August, 2021

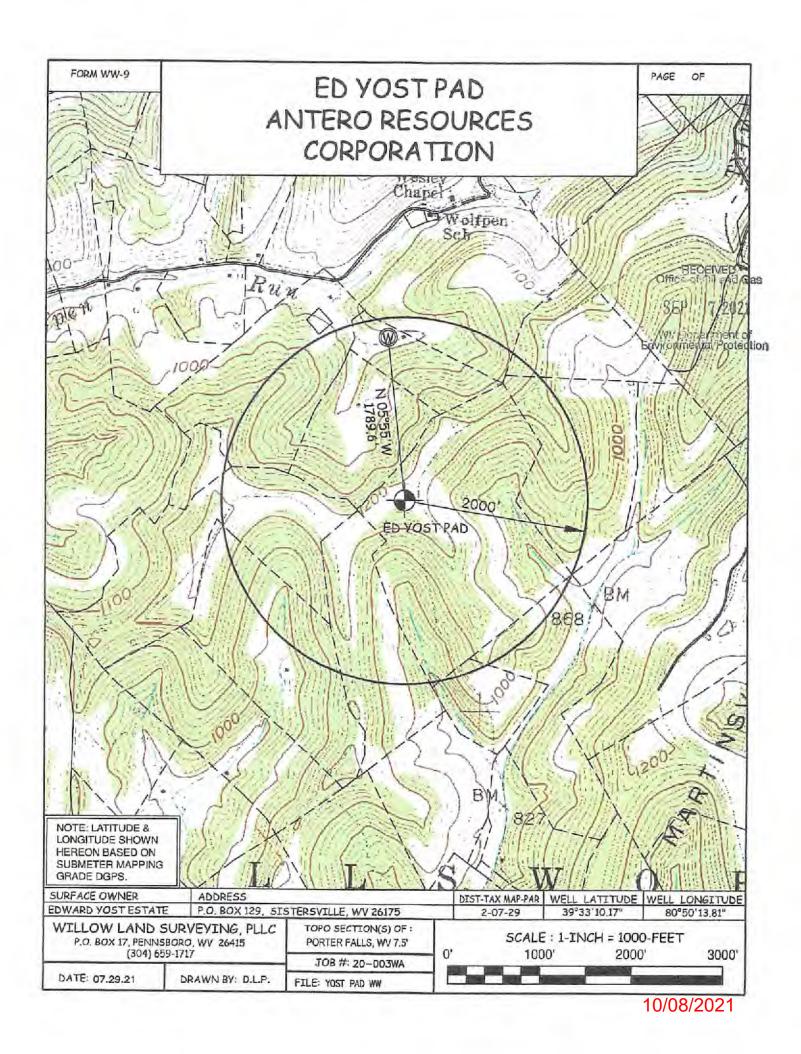
Notary Public

My Commission Expires

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SEP 7 2021

WV Department of Environmental Protection



WW-6A4 (1/12) 4709502760 Operator Well No. Ed Yost Unit &H 0

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 Notice	Requirement: Notice shall be provided at ce: 08/11/2021 Date Peru	least TEN (10) days prior to filing a nit Application Filed: 08/23/2021	a permit application.	
Delivery me	thod pursuant to West Virginia Code § 2	2-6A-16(b)		
☐ HAND	CERTIFIED MAIL			
DELIVI		HESTED		
DELIVI	RETORN RECEIPT REQ	CESTED		
receipt reque drilling a hor of this subsec subsection m and if availab	V. Va. Code § 22-6A-16(b), at least ten day sted or hand delivery, give the surface own izontal well: <i>Provided</i> , That notice given pation as of the date the notice was provided by be waived in writing by the surface ownede, facsimile number and electronic mail ad	er notice of its intent to enter upon to pursuant to subsection (a), section to to the surface owner: <i>Provided, ho</i> er. The notice, if required, shall incolumn dress of the operator and the operat	the surface owner's land en of this article satisfie wever, That the notice re- lude the name, address,	for the purpose of s the requirements equirements of this telephone number,
	reby provided to the SURFACE OW			
	Yost Estate, Flode, Dale Adam Minks & Mike Minks C/o	Name:		-
Address: PO i		Address:		
	Vest Virginia Code § 22-6A-16(b), notice is wher's land for the purpose of drilling a hor West Virginia Tyler Ellsworth Porter Falls 7.5'			itent to enter upon
Watershed:	Outlet Middle Island Creek			
Pursuant to Y facsimile nur related to hor	Shall Include: West Virginia Code § 22-6A-16(b), this results and electronic mail address of the opiziontal drilling may be obtained from the 157th Street, SE, Charleston, WV 25304 (3)	perator and the operator's authoriz Secretary, at the WV Department of	ted representative. Addition of Environmental Protection	tional information tion headquarters,
Notice is he	reby given by:			
	Antero Resources Corporation	Authorized Representative	: Talana Mitchell	RECEIVED
Address:	1615 Wynkeop St.	Address:	1615 Wynkoop St.	Office of Oil and Gas
	Denver, CO 80202	-	Denver, CO 80202	CED MARK
Telephone:	303-357-6872	Telephone:	303-357-6872	SEP 7 2021
Email:	tamitchell@anterpresources.com	Email:	tamitchell@anteroresource	s.com WV Department of
Facsimile:	303-357-7315	Facsimile:	303-357-7315	Environmental Protection
			-	

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 deprivacyofficer@wv.gov.

WW-6A5 (1/12) Operator Well No. Ed Yost Unit 5H

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

Watershe	ice Shall Include:			
Watershe				
Quadrang		Generally us	ed farm name.	Edward Tost Estate
District: Quadrang	Ellsworth Porter Falls 7.5'	Public Road	Access: ed farm name:	CR 11 Edward Yost Estate
County:	Tyler		Northing:	4377577
Pursuant operation State:	hereby given: to West Virginia Code § 22-6A-16(c), on the surface owner's land for the pu West Virginia		l well on the tra Easting:	
Sisterville, V	WV 26175	-		
	PO BOX 129	Addres	Si	
(at the ad	hereby provided to the SURFACE C dress listed in the records of the sheriff wards Yost Estate, Flode Dale Adam Minks & Mike Minks C/c	at the time of notice):		
return rec the plann required drilling of damages	reipt requested or hand delivery, give the doperation. The notice required by to be provided by subsection (b), section of a horizontal well; and (3) A propose to the surface affected by oil and gas of otices required by this section shall be	he surface owner whose land this subsection shall include the notes of this article to a surface use and compen- perations to the extent the de-	d will be used for de: (1) A copy ace owner whose sation agreement amages are com	or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
Pursuant	to W. Va. Code § 22-6A-16(c), no la	ter than the date for filing	he permit appli	cation, an operator shall, by certified mail
	RTIFIED MAIL TURN RECEIPT REQUESTED	☐ HAND DELIVERY		
	method pursuant to west virginia C	Lode § 22-6A-16(c)		
	method pursuant to West Virginia C	ode 8 22-6A-16(c)		

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.

API NO. 47- 095 - 02760 OPERATOR WELL NO. Ed Yost Unit 5H Well Pad Name: Ed Yost 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 , hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form , including the erosion and sediment control plan, if WW-6A and attachments consisting of pages one (1) through required, and the well plat, all for proposed well work on the tract of land as follows: West Virginia State: Easting: 514046m UTM NAD 83 Tyler Northing: 4377577m County: District: Public Road Access: CR 11 Ellsworth Quadrangle: Porter Falls 7.5' Generally used farm name: Edward Yost Estate Watershed: Outlet Middle Island Creek I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials. *Please check the box that applies FOR EXECUTION BY A NATURAL PERSON □ SURFACE OWNER

Signature:

Print Name:

Signature: Date:

FOR EXECUTION BY A CORPORATION, ETC.

Oila	nd G	as Pri	vacy N	otice.

□ COAL OPERATOR

□ WATER PURVEYOR

☐ SURFACE OWNER (Road and/or Other Disturbance)

□ OPERATOR OF ANY NATURAL GAS STORAGE FIELD

☐ SURFACE OWNER (Impoundments/Pits)

□ COAL OWNER OR LESSEE

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.

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PROJECT CONTACTS:

ANTENO RESCUENTE CUMP 400 THOTE CHAN ELVO. RESCUENTEST TY DOING PRENTE (204) 642-4100 FAX (304) BAS-4108

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Environmental Protection PAD & WATER CONTAINMENT PAD SITE DESIGN & CONSTRUCTION PLAN. **EROSION & SEDIMENT CONTROL PLANS**

> ELLSWORTH DISTRICT, TYLER COUNTY, WY POINT PLEASANT CREEK WATERSHED

PORTERS PALLS USGS 7.5 QUAD MAP(S)



WEST VIRGINIA COUNTY MAP



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MISS Utility of West Virginia 1-800-245-4848 Rest Virginia State Lew

(Section XIV: Chapter 24-C)
Requires that you call two
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the state of West Virginia.

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Writter Containment + art	7.64	fore Whoseswawe Everyord	1.56
son us Plants Marray Canapais	375	Andress to Section L. & Alberta D. Social	
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DATE 00/24/2021 SCALE: AS SHOWN SELLT 1 OF DO

LOCATION COORDINATES:

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H 4370417-90 E 606104.01 (UTM ZDSE 17 MSTERM)
LATTITUDE: 39 535202 LONGITUDE -80 823776 (NAD 20)

LATTTUDE: 39.350454 LONGTTUDE: -80.331026 (MAD 83) H 4377772 56 K 304858.78 (UTN ZOSK 17 METERS) LATTTUDE: 39.350776 LONGTTUDE: -50.331203 (NAD 27)

CONTROLS OF PACE

LATITUDE: 39 54964 LONGITUDE: -80 836246 (NAI) 83) 14 437607 02 E 514069 68 (UTN 208E 17 MATERS) 14THTDE: 59 547945 LONGITUDE: -80 836421 (NAD 27)

GENERAL DESCRIPTION:
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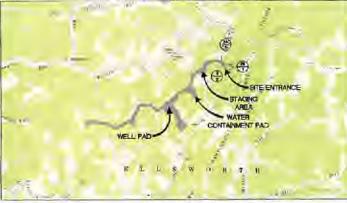
PREMITE FROM THE FEDERAL AND/OR STATE BEGINATORY ACROCIES PRIME TO ANY PROPERTY INFACTS
TO WATERS OF THE U.S. INCLUDEN WESTAND FILLS AND STARAM CROSSINGS.

APPROVED WVDEP OOG 9/23/2021

ED YOST WELL PAD & WATER CONTAINMENT PAD SITE DESIGN & CONSTRUCTION PLAN. **EROSION & SEDIMENT CONTROL PLANS**

ELLSWORTH DISTRICT, TYLER COUNTY, WV POINT PLEASANT CREEK WATERSHED

PORTERS FALLS USGS 7.5 QUAD MAP(S)



PROJECT CONTACTS:

OPERATOR: ANTERS RESOURCES CORPORATION SJA WHITE GARD BEND RESIDENCE, WY SOURCE PROVE (DOA) 642-4100 PAX (DOA) 842-4102

ELI VAGDIER - ENVIRONMENTAL ENGINEER M BEGULATORY MANAGER CYPICE: (204) 045-4000 CYLL: (204) 470-2776

DIANA HOFF - BYF DYERATIONS

OFFICE: (303) 357-6004

AARDN STREET - CONSTRUCTION MANAGER (304) 545-4181

ROBERT WIRKER - DESIGN MANAGER

OFFICE: (204) 042-4100 CFIL. (204) 627-7405

ROBERT EDDY UTILITY COURDENATOR DELL (SDA) 719-5129

MARK HITTON - LAND ACTENT

ENGINEER/SURVEYOR DITIES S. AUMP. PE PROJECT
MANAGEM/PRICHEM
DITIES (600) 003 4105 CELL (540) 888-6742

ENVIRONMENTAL

DAI CONSULTANTS, INC. IABON A. COOK - SENIOR ENVIRGIDIESTAL PRECIALET

DITICE (004) 925-8100 CELL (000) 709-0306

GEOTECHNICAL: PLINSTAVANA SQL & BOOK, INC. FIGSTOFFER W. SANIOG - PROJECT ENGINEER OFFICE (412) 372-4000 CML (412) 358-8682

- RESTRICTIONS NOTES:

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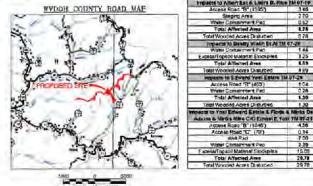
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MISS Utility of West Virginia 1-800-245-4648 HADE THE Z'LES CLIME STUTYETENES MADERIAL & COR West Virginia State Law Farmund Location (Section XIV. Chapter 24-C) DIES BORN AND Requires that you call two business days before you dig in the state of West Virginia. LIMIT #14 TOTAL DRIVE CHICAGO ALL AND CONTRACTOR

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SHEET INDEX:

MATHEMA GOARDITORS

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54 - STOCKELE RESIDENTION FLAN 55 - ACCESS ROAD RECLAMATION FLAN 56 - ACCESS ROAD A STOCKER'S RECLAMATION FLAN

TOWNS OF CHITURBANCE	AREA (AG)	Impacts to Flode Yout Estate & Floy D.	& Bery L
Acres Poad "A" (115)	0.79	Access Road 'B'	0.21
Access Road 'B" (4018')	18.11	Access Road 'C'	0.14
Access Flood "C" (5949)	23.17	Wet Pad	191
Stagre Area	4.00	Yotal Affected Area	7.78
Well Pad	8.91	Tour Wooded Acres Disturbed	2.76
Water Containment Pad	4.76	Impede to Gary A. Midsep TM 0	
Excuss/Topica Material Stockpiles	21.94	Acress Pose "C" (191)	017
Total Affected Area	31.74	Total Ansewd Area	0.17
Total Wooded Agree Disturbed	75.55	Total Whoded Acres Disturbed	0.17
Impacts to Jose Amon TM 27	4	broach to Robert & Moreer TM	
Access Road "A" (115)	0.48	Access Road C (3612)	1 14.05
Total Affected Area	0.40	Excens/Topacil Maledal Stockpans	2.85
Total Wooded Acres Dimirond	0.28	Tetal Affected Area	18.83
Impects is Charles E. & Marsh Gam	P TM 07-4	Total Wooded Arters Disturbed	14.33
Ames Fond "A"	131	Impacts to James Bun Rice Exter?	
Access Road B (1572)	0.54	Access Hoad 'C'	0.35
Staging Ama	1.36	Exempt posoil Vehicul Stocksies	D17
Total Affected Area	3.51	Total Affected Area	0.47
Total Wooded Acres Disturbed	759	Total Wooded Acres Districted	0.40
Impects to Lucide & David Gulley T	W 07-15	knoweds to Rutter Family Revocable Tr	
Access Road "B" (102)	150	Access Frond "C" (255")	0.10
Visite Containment Pad	0.05	Total Affected Area	010
Total Affected Aven	1.55	Term Wooded Agree Disturbed	D10
Total Visoded Acres Disturbed	1.95	Property to firter E. & Garbara J. Courts	
Impacts to Albert Est & Laure B. Rece		Access Road 'C' (492')	251
Ascess Road '8" (1395')	3.46	Total Affected Area	251
Stagerg Area	270	Total Whoded Acres Cast (fee)	2.79
Water Constitute 1 Pag	0.52	Impacts to Larry M. & Arry B. Adense 1	
Total Affected Area	6.76	Access Road "C" (R66")	4.01
Total Wooded Acres Disksted	0.78	Total Affected Area	4.01
Impacts to Beatly Wash Et Al TM		Tolse Wooded Acres Disturbed	3.55
Wight Containment Pag	144	Impacts to States L. S. Albarta B. Street	
Excets/Topsof Material Stockelles	3.25	Access Rand "C" (241)	0.90
Total Affected Area	A.R.S	Total Affecting Area	0.94
Total Wooded Acres Disturged	4.99	Time Wooded Ages Departed	0.95
repain to Edward York Estate TA		Security to Dennis R. A Cliety A. He return	
Access Road "B" (400)	104	Access Road "C" (677)	0.74
Water Containment Pag	0.26	Total Affects of Area	0.74
Total Affected Area	1.30	Total Winded Agest Distribed	0.74
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acts to Robert A. Mercer TM	07-37		
#96 Road 'C (3612)	14,05	100	
Topacil Willerial Stockpres	2 85	100	
etal Affected Area	18.83	12	
Wooded Armes Disturbed	14.33	3	
to James Buri Rice Extele"		a	
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Wooded Acres Distribed	0.40		
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otal Affected Area	251		
Visided Acres Distuted	2.29		
SLETTY M. & Arry B. Adente	716 05-50 1		
#68 Road 'C" (R68')	4.01		
ntsi Affectivi Arms	104		
Wooded Acres Disturbed	3.5.5		
Skrian L. & Alterta B. Smot	ME TW 10-4	1.0	
nes Rand "C" (241")	0.90	1.75	
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Micded Acres Districted	0.95	SHEE	
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DATE: 08/34/2021 BULLEY AS SHOWN SHEET 1 OF 58

