

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

Wednesday, March 2, 2022 WELL WORK PERMIT Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET DENVER, CO 80202

Re: Permit approval for BALDY UNIT 2H

47-103-03479-00-00

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.

Chief

James A. Martin

Operator's Well Number: BALDY UNIT 2H

Farm Name: MARGARET LANCASTER

U.S. WELL NUMBER: 47-103-03479-00-00

Horizontal 6A New Drill Date Issued: 3/2/2022

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 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:	
	The state of the s

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- 103	_ 03479
OPERATOR W	ELL NO. Baldy Unit 2H
Well Pad Nar	ne · Red Lady Pad

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

1) Well Opera	tor: Antero	Resource	es Corporat	494507062	103-Wetzel	Green	Porter Falls 7.5'
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				Operator ID	County	District	Quadrangle
2) Operator's	Well Number	Baldy U	nit 2H	Well Pa	d Name: Red I	_ady Pad	
3) Farm Name	/Surface Owi	ner: Marg	aret Lancas	ster Public Ro	ad Access: We	tzel Tyler	Ridge Rd
4) Elevation, c	current ground	d: 1237	' El	evation, proposed	post-constructi	on: ~120	6'
5) Well Type	(a) Gas Other	X	Oil	Und	lerground Storag	ge	
	(b)If Gas	Shallow	, <u>X</u>	Deep			-
6) Existing Pa	d: Yes or No	Horizont No	al X			90	8 3/1/2022
	•			ipated Thickness ss- 55 feet, Associ			
8) Proposed T	otal Vertical	Depth: 7	300' TVD				
9) Formation a							
10) Proposed	Total Measur	ed Depth:	15,000'				
11) Proposed I	Horizontal Le	g Length:	5611.3'				
12) Approxim	ate Fresh Wa	ter Strata	Depths:	33', 283', 831'			
13) Method to	Determine F	resh Wate	r Depths: 0	95-02177, 095-02104 Offse	et well records. Depths ha	ave been adjust	ed according to surface elevation
14) Approxim	ate Saltwater	Depths:	1592'				
15) Approxim	ate Coal Sear	n Depths:	851'				
16) Approxim	ate Depth to I	Possible V	oid (coal mi	ne, karst, other):	None Anticipa	ted	
17) Does Prop directly overly				ns Yes	No	X	
(a) If Yes, pr	ovide Mine I	nfo: Nar	ne:				
		Dep	oth:				
		Sea	m:				RECEIVED Office of Oil and Gas
		Ow	ner:				MAR 0 1 2022
							TOTE

WV Department of Environmental Protection

 $\underset{\mathsf{Page}\;\mathbf{1}\;\mathsf{of}\;\mathbf{3}}{\mathsf{03/04/2022}}$

WW-6B
(04/15)

API NO. 47- 103 _ 03479	
OPERATOR WELL NO.	Baldy Unit 2H
Well Pad Name: Red L	ady Pad

18)

CASING AND TUBING PROGRAM

ТҮРЕ	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#	881'	881'	CTS, 557Cu. Ft.
Coal	9-5/8"	New	J-/K55	36#	2500'	2500'	CTS, 1018 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110CY	20#	15,000'	15,000'	CTS, 2857 Cu. Ft.
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

JCB 3/1/2022

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	~1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

PACKERS

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

RECEIVED Office of Oil and Gas

MAR 0 1 20; /

WV Department of Environmental Protection 03/04/2022 Page 2 of 3

03479

OPERATOR WELL NO. Baldy Unit 2H

Well Pad Name: Red Lady Pad

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

Drill a new horizontal shallow well into the Marcellus Shale.

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

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

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

Anticipated Max Pressure - 9300 lbs Anticipated Max Rate - 80 bpm JC8 3/1/2022

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 51.15 acres
- 22) Area to be disturbed for well pad only, less access road (acres): 9.42 acres

23) Describe centralizer placement for each easing 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:

RECEIVED Office of Oil and Gas

MAR 0 1 2022

WV Department of Environmental Protection

*Note: Attach additional sheets as needed.

03/04/2022

03/04/2022

WW-9 (4/16)

API Number 47 - 103

Operator's Well No. Baldy Unit 2H

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

FLUIDS/ CUTTIN	IGS DISPOSAL & RECLAMATION PLAN
Operator Name Antero Resources Corporation	OP Code 494507062
Watershed (HUC 10) Fishing Creek	Quadrangle Porter Falls 7.5'
Do you anticipate using more than 5,000 bbls of water	r to complete the proposed well work? Yes V No No
Will a pit be used? Yes No ✓	
If so, please describe anticipated pit waste:	No pit will be used at this elte (Drilling and Floreback Fluids will be stored in tanks. Cuttings will be tanked and hattled off site.)
Will a synthetic liner be used in the pit? Yes	No V If so, what ml.? N/A
Proposed Disposal Method For Treated Pit V	Vastes:
Land Application	
	TIC Permit Number *UIC Permit # will be provided on Form WR-34
	fiture permitted well locations when applicable. API# will be provided on Form WR-34
Off Site Disposal (Supply Other (Explain	form WW-9 for disposal locatior(Meadowfill Landfill Permit #SWF-1032-98) Northwestern Landfill Permit #SWF-1025/
	WV0109410
Will closed loop system be used? If so, describe: Ye	Wetzel Co Landfill Permit #SWF-1021 es, fluids stored in tanks, cuttings removed offsite and taken to landfill.
Drilling medium anticipated for this well (vertical and	Surface - Air/Freshwater, Intermediate -
-If oil based, what type? Synthetic, petroleur	
Additives to be used in drilling medium? Please See	Attachment
	removed offsite, etc. Drill cuttings stored in tanks, removed offsite and taken to landfill.
	m will be used? (cement, lime, sawdust) N/A
	Meadowfill Landfill (Permit #SWF-1032-98), Northwestern Landfill (Permit # SWF-1025/WV0109410) etzel Co Landfill (Permit #SWF-1021)
Permittee shall provide written notice to the Office of	Oil and Gas of any load of drill cuttings or associated waste rejected at any provided within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the provisions of the permit are enforceable by law. Vio law or regulation can lead to enforcement action. I certify under penalty of law that I have papplication form and all attachments thereto and the obtaining the information, I believe that the information penalties for submitting false information, including the	그런 집에 가는 그 그 집에 가는 이 이 가는 것이 되었다. 그런 그가 있는 것이 없는 것이다.
Company Official Signature Gretchen Kohler	Office of
Company Official (Typed Name) Gretchen Kohler	FEB 1
Company Official Title Director of Environmental & Re	egulatory Compliance
	W Dep Environmen
	, in .
Subscribed and sworn before me this 3	day of Lebruary, 2022
My commission expires 27 A	Notary Public DIANE BLAIR NOTARY PUBLIC STATE OF COLORADO NOTARY ID 19994011871 NY COMMISSION EXPIRES 27-Apr-202

7.00-0-7-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	oration	•	Well No. Baldy Unit 2H
Proposed Revegetation Treatment:		cres Prevegetation p	Н
	ons/acre or to correct to pH		
	v or Wood Fiber (will be used v		
Fertilizer amount 500		s/acre	
Mulch 2-3	Tons/a		
Access Road (), 12 ac	res) + Well Pad Access Road (2.43 acre	ps) + Water Offload Access (7.28 acres) + Well Pa (10.61 acres) + Staging Area (2.18 acres) + Spoil	d (9.42 acres) + Ast Pad (10.17 Pile (1.31 acres) = 51.15 Acres
escart Aspende actique		1 Mixtures	CHY (182 Meter) Constitution
Tempora	ary	Perm	anent
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 seed	type (Red Lady Pad Design)	See attached Table IV-4A for additional	seed type (Red Lady Pad Design
*or type of grass seed request	ted by surface owner	*or type of grass seed requ	ested by surface owner
	l be land applied, include dir	ation (unless engineered plans inclumensions (L x W x D) of the pit, an	
provided). If water from the pit will acreage, of the land application area	l be land applied, include dir		
provided). If water from the pit will acreage, of the land application area Photocopied section of involved 7.5	l be land applied, include dir		
Plan Approved by:	l be land applied, include dir		
Plan Approved by:	l be land applied, include dir		
Plan Approved by:	l be land applied, include dir		
Plan Approved by:	l be land applied, include dir	mensions (L x W x D) of the pit, an	
Photocopied section of involved 7.5 Plan Approved by: Comments:	be land applied, include dira. 5' topographic sheet.	Date: 2 · 10 · 22	
Plan Approved by:	l be land applied, include dir	mensions (L x W x D) of the pit, an	

WV Department of Engly 1944/2020 Engly 1944/20

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

RECEIVED
Office of Oil and Gas

JAN 27 2022

W 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

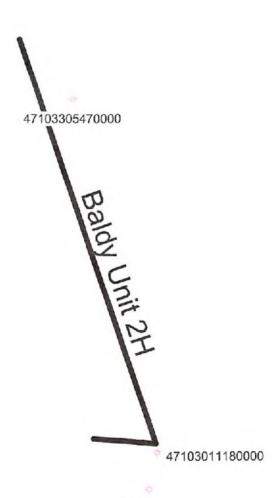
Drilling Fluid Lubricant

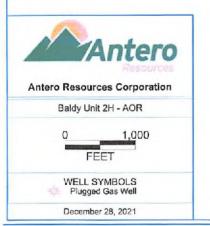
RECEIVED
Office of Oil and Gas

JAN 27 2022

WV Department of Environmental Protection







AREA OF REVIEW

UWI (APINum)	Well Name	Well Number	Operator	TD	Perforated Formation(s)	Producible Formation(s) not perf'd
47095005270000	SARAH J LANCASTER 1	1678	HOPE NATURAL GAS	3047	Big Injun	Weir, Berea, Benson, Alexander
47103305470000	B F FOX	2328	HOPE NATURAL GAS	3045	Big Injun	Weir, Berea, Benson, Alexander
47103311180000	NORMAN CUNNINGHAM	2	UNKNOWN			

RECEIVED Grave of Oil Gas

FEB 14 2022

WV Department of Environmental Protection:



911 Address 9737 Wetzel Tyler Rd. Reader, WV 26167

Well Site Safety Plan Antero Resources

Buyan Ham 2-10-22

Well Name: Red Lady Unit 5H, Baldy Unit 1H-3H and Cavatica Unit

1H & 2H

Pad Location: RED LADY PAD

Wetzel County/Green District

RECEIVED Office of Oil & Gas

FEB 1 4 2022

WV Department of Environmental Protection

GPS Coordinates:

Entrance - Lat 39.25280"/Long -80.762570" (NAD83)
Pad Center - Lat 39.526248"/Long -80.7618" (NAD83)

Driving Directions:

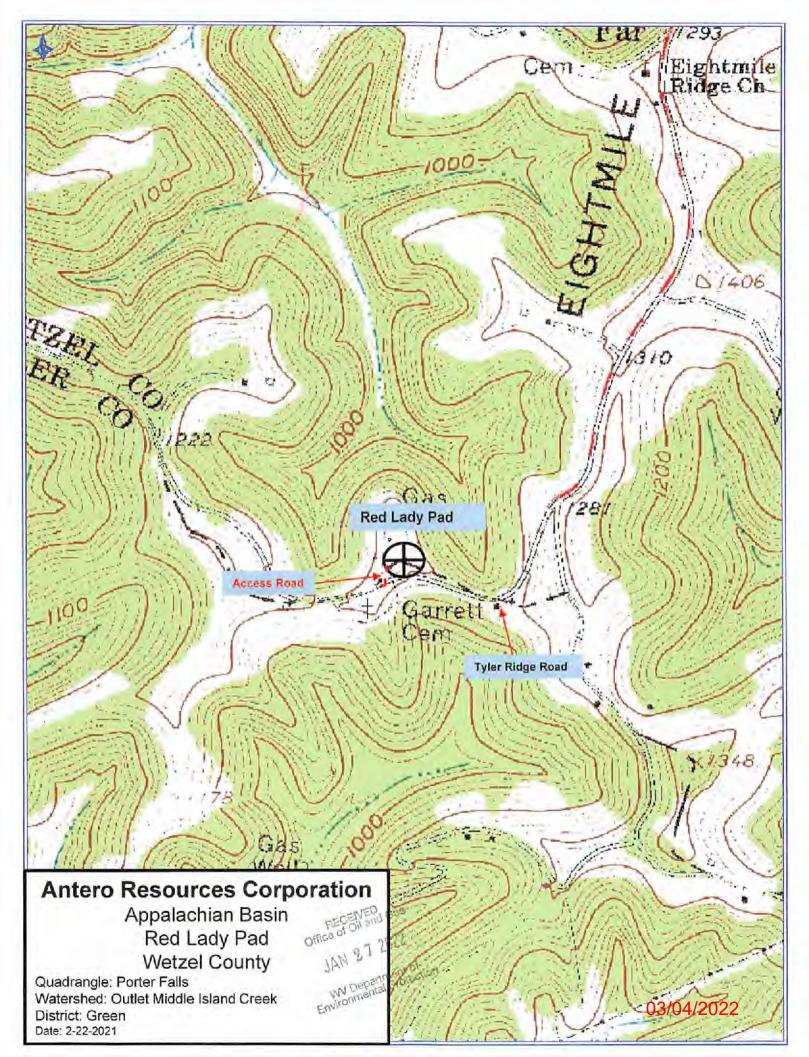
From Middlebourne: Head NE onto WV-18 N/Main St. toward Court St./Dodd St. for 3.8 miles. Turn right onto Church Dr. for 302 ft. Turn right onto Elk Fork Rd. for 9.6 miles. Turn left onto Wetzel Tyler Ridge Rd. for 0.6 miles. Turn left to stay on Wetzel Tyler Ridge Rd. for 0.3 miles. Access road will be on your right.

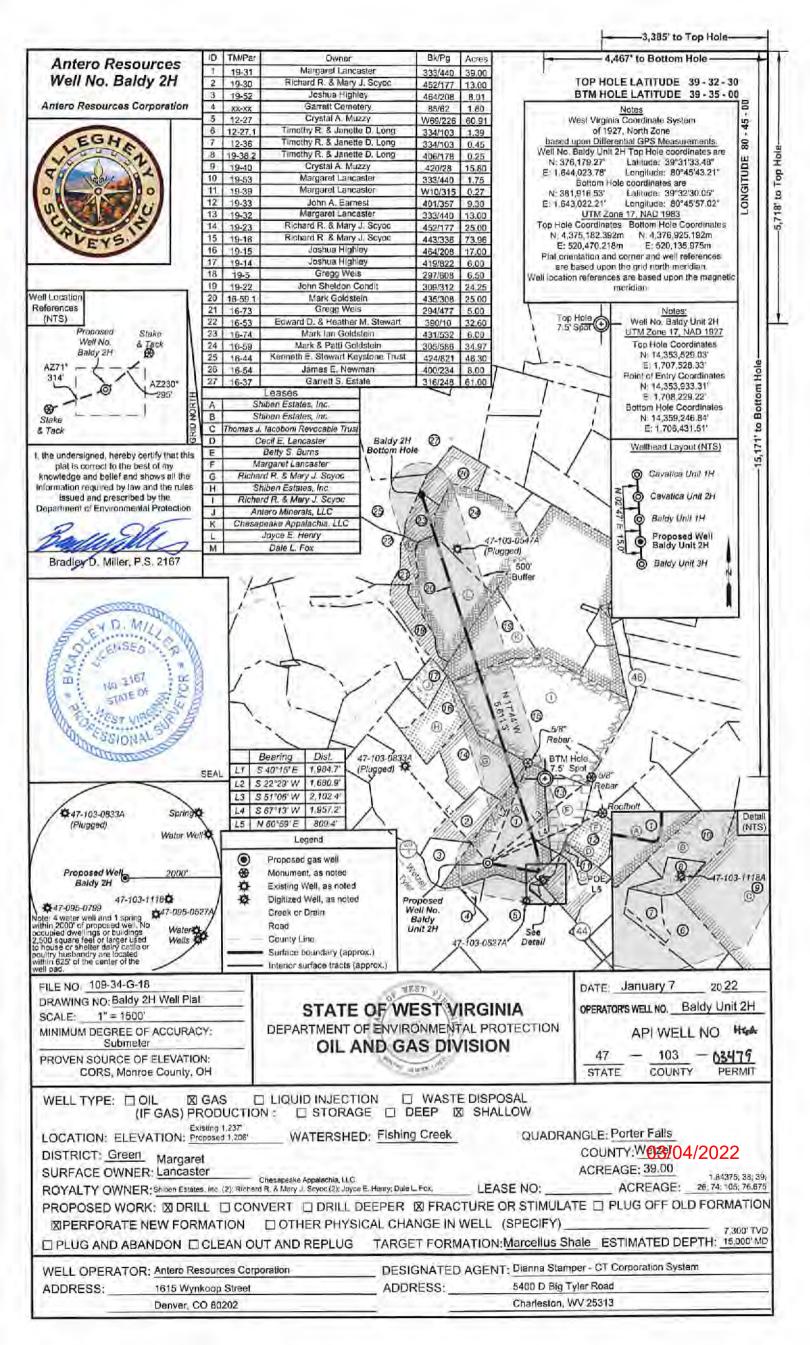
Alternate Route:

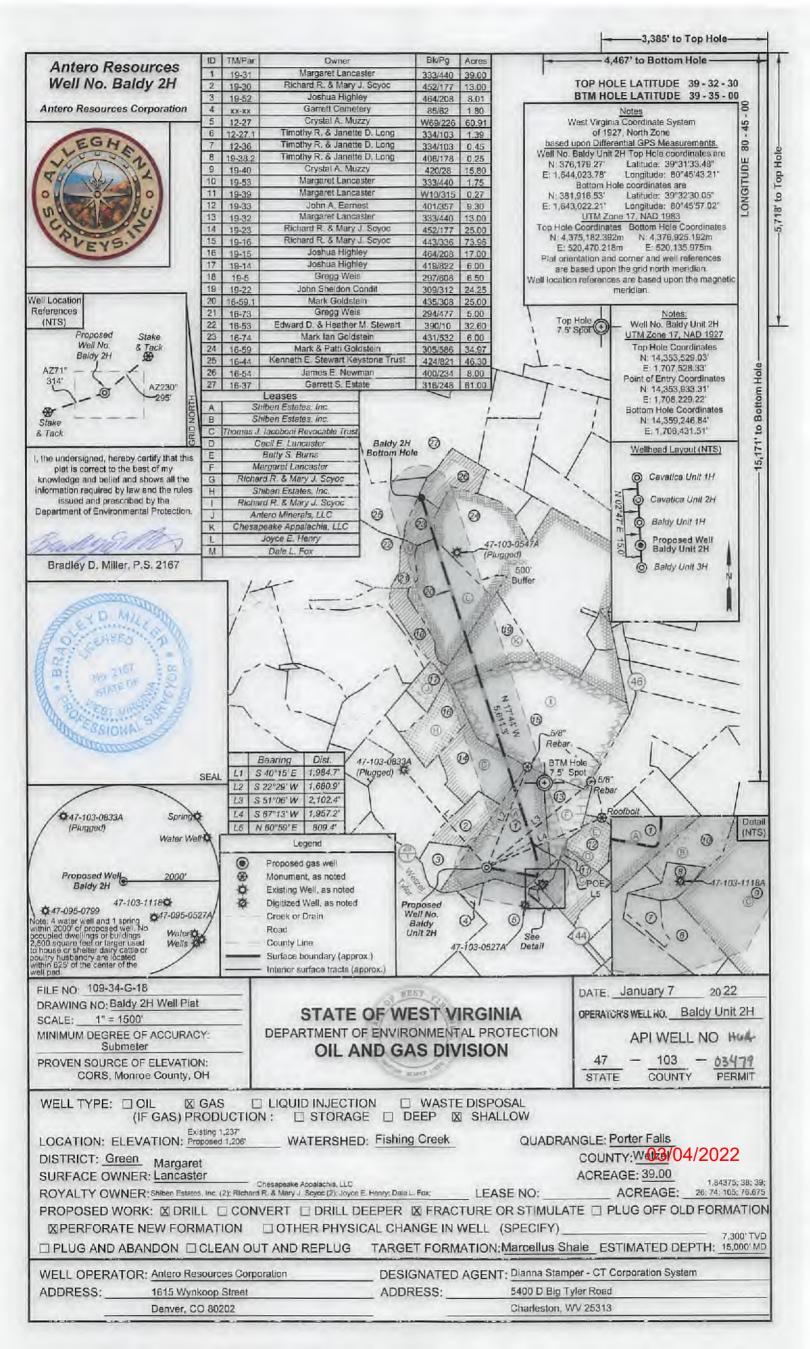
From Reader: Head NW onto Border Lane toward Old Mexico Rd. for 16 ft. Take a sharp left onto Rd 40/2 for 0.3 miles. Continue onto 8 Mile Rd. for 4.0 miles. Slight right onto Wetzel Tyler Ridge Rd. for 0.3 miles. Access road will be on your right.

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

1







WW-6A1 (5/13)

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

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
M	Dale L. Fox Lease	_			
1		Dale L. Fox	Antero Resources Corporation	1/8+	247A/0225

*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

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 Led	RECEIVED Gas		
Its:	VP of Land	27 2022		
		1//// 2/ 6 0 1		

Operator's Well Number

Baldy 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
¥	Shiben Estates LLC Lease Shiben Estates LLC	Antero Resources Corporation	1/8+	255A/0681
G	Richard R. & Mary J. Scyoc Lease Richard R. Scyoc & Mary J. Scyoc	Antero Resources Corporation	1/8+	179A/0613
I	Richard R. & Mary J. Scyoc Lease Richard R. Scyoc & Mary J. Scyoc Husband and wife	Antero Resources Corporation	1/8+	200A/0205
K	Chesapeake Appalachia, LLC Lease Chesapeake Appalachia LLC SWN Production Company Antero Exchange Properties LLC	SWN Production Company Antero Exchange Properties LLC Antero Resources Corporation	1/8 Assignment Corporation	157A/0640 177A/0533 0013/0311
L	<u>Joyce E. Henry Lease</u> Joyce E. Henry a widow	Antero Resources Corporation	1/8+	179A/0591

JAN 27 2022

^{*}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.

RECEIVED
Office of Oil and

4710303479



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: Baldy Unit 1H, 2H & 3H and Cavatica Unit 1H & 2H Wells

Quadrangle: Porter Falls 7.5'

Wetzel County/Green District, West Virginia

Mr. Martin:

Antero Resources Corporation (Antero) is submitting the following applications for new well work permits for the Baldy Unit 1H, 2H & 3H and Cavatica 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 Baldy Unit 1H, 2H & 3H and Cavatica Unit 1H & 2H wells horizontal lateral will drill through including any and all roads crossed under as identified on the attached survey plat.

Sincerely,

Kelsey Silipo, CPL Senior Landman

> RECEIVED Office of Oil & Gas

FEB 1 4 2022

WV Department of Environmental Protection

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

Date of Notic	ce Certification: 01/25/2022	API No.	47- 103 -	
		Operato	r's Well No. Bald	y Unit 2H
		Well Pa	d Name: Red La	dy Pad
Notice has I		100 (4) 4 0		
helow for the	tract of land as follows:	§ 22-6A, the Operator has provided the	required parties v	with the Notice Forms listed
State:	West Virginia	Easting:	520470.22m	
County:	Wetzel	UTM NAD 83 Easting:		
District:	Green	Public Road Access:	Wetzle Tyler Rid	ge Rd
Quadrangle:	Porter Fails 7.5'	Generally used farm name	: Margaret Lancas	ter
Watershed:	Fishing Creek			
prescribed by it has provide information re of giving the requirements Virginia Code	the secretary, shall be verified and sed the owners of the surface described and (c), se surface owner notice of entry to su of subsection (b), section sixteen of	every permit application filed under hall contain the following information: bed in subdivisions (1), (2) and (4), section sixteen of this article; (ii) that the rvey pursuant to subsection (a), section f this article were waived in writing lender proof of and certify to the secretate.	(14) A certificati ubsection (b), see requirement was on ten of this arti	on from the operator that (i) ction ten of this article, the deemed satisfied as a result tele six-a; or (iii) the notice wher, and Pursuant to West
that the Ope	West Virginia Code § 22-6A, the Operator has properly served the require ECK ALL THAT APPLY	erator has attached proof to this Notice d parties with the following:	e Certification	OOG OFFICE USE ONLY
□ 1. NOT	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BEC SEISMIC ACTIVITY WAS CONDU		☐ 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 BECONOTICE OF ENTRY FOR PLAT SU WAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY SURF (PLEASE ATTACH)	ACE OWNER	
■ 4. NOT	TICE OF PLANNED OPERATION			□ RECEIVED
■ 5. PUB	LIC NOTICE			RECEIVED Gas
■ 6. NOT	TICE OF APPLICATION			JAN 27 2022
				Denartment of

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to

Advertisement, with publication with publication and the contract of Notice that have been provided to 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.

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

Its: Senior VP of Operations

Telephone: 303-357-7310 Address: 1615 Wynkoop Street

Denver, CO 80202

303-357-7315 Email: mstanton@anteroresources.com

DOTALEYPHEALER **NOTARY PUBLIC** STATE OF COLORADO NOTARY ID 19994011871 MY COMMISSION EXPIRES 27-Apr-2024

Diana (

Subscribed and sworn before me this 25 day of 2022.

Notary Public

My Commission Expires

Facsimile:

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.

> WV Department of Environmental Protes

WW-6A (9-13) API NO. 47-103 1 0 3 0 3 4 7 9

OPERATOR WELL NO. Baldy Unit 2H
Well Pad Name: Red Lady 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 the	han the filing date of permit application.	
Date of Notice: 1/26/2022 Date Permit Application Filed: 1/3 Notice of:	26/2022	
PERMIT FOR ANY WELL WORK CONSTRUCTION OF	PPROVAL FOR THE F AN IMPOUNDMENT OR PIT	
Delivery method pursuant to West Virginia Code § 22-6A-1	10(b)	
	HOD OF DELIVERY THAT REQUIRES A EIPT OR SIGNATURE CONFIRMATION	
registered mail or by any method of delivery that requires a receip sediment control plan required by section seven of this article, and the surface of the tract on which the well is or is proposed to be looil and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted pursupperator or lessee, in the event the tract of land on which the well more coal seams; (4) The owners of record of the surface tract or the well work, if the surface tract is to be used for the placement, consimpoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within on provide water for consumption by humans or domestic animals; an proposed well work activity is to take place. (c)(1) If more than the subsection (b) of this section hold interests in the lands, the applicate records of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is not code R. § 35-8-5.7. a requires, in part, that the operator shall also water purveyor or surface owner subject to notice and water testing	If the well plat to each of the following persons: (1) The objected; (2) The owners of record of the surface tract or tract if the surface tract is to be used for roads or other land distant to subsection (c), section seven of this article; (3) The proposed to be drilled is located [sic] is known to be und structs overlying the oil and gas leasehold being developed struction, enlargement, alteration, repair, removal or aband) Any surface owner or water purveyor who is known to the thousand five hundred feet of the center of the well packed (6) The operator of any natural gas storage field within the tenants in common or other co-owners of interests destant may serve the documents required upon the person dean eight, article one, chapter eleven-a of this code. (2) Notot notice to a landowner, unless the lien holder is the land provide the Well Site Safety Plan ("WSSP") to the surface	wners of record of acts overlying the isturbance as ne coal owner, lerlain by one or d by the proposed adonment of any he applicant to d which is used to a which the scribed in escribed in the withstanding any downer. W. Va.
☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice	ce	
Z SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE	
Name: Margaret Lancaster	Name: NO DECLARATIONS ON RECORD WITH COUNTY	
Address: PO Box 19 Reader, WV 26167-0019	Address:	
Name:	COAL OPERATOR	
Address:	Name: NO DECLARATIONS ON RECORD WITH COUNTY	
	Address:	
SURFACE OWNER(s) (Road and/or Other Disturbance)		
Name: Margaret Lancaster Address: PO Box 19	☑ WATER PURVEYOR(s)/OWNER(s) OF WATER WELL, ¬SPRING OR OTHER WATER SUPPLY SOURCE	
Reader, WV 26167-0019	Name: NO WELLS WITHIN 1500'	
Name:	Address:	
Address:		n MED
	OPERATOR OF ANY NATURAL GAS STORA	IGE FIBEREIVE and Gas
SURFACE OWNER(s) (Impoundments or Pits)	Name:	JAN 27 2022
Name: Address:	Address:	JAN 21 2000
	*Please attach additional forms if necessary	ant (
		W Department of Environmental Prote

47 1 0 3 0 3 4 7 9

OPERATOR WELL NO, Baldy Unit 2H

Well Pad Name: Red Lady Fad

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/ov/-2-7-2022 and-gas/pages/default.aspx.

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

03/04/2022

WV Deposition of all Environmental Projection WW-6A (8-13) API NO. 47- 103

OPERATOR WELL NO. Baldy Unit 2H

Well Pad Name: Red Lady 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

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

JAN 27 2022 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.

WW-6A (8-13) 4710303479

API NO. 47- 103

OPERATOR WELL NO. Baidy Unit 2H

Well Pad Name: Red Lady 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. 47-703 1 0 3 0 3 4 7 9
OPERATOR WELL NO. Baildy Unit 2H
Well Pad Name: Red Lady Pad

Notice is hereby given by:

Well Operator: Antero Resources Corporation

Telephone: (303) 357-7310 Diana O. Hoff
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 26 day of 2022.

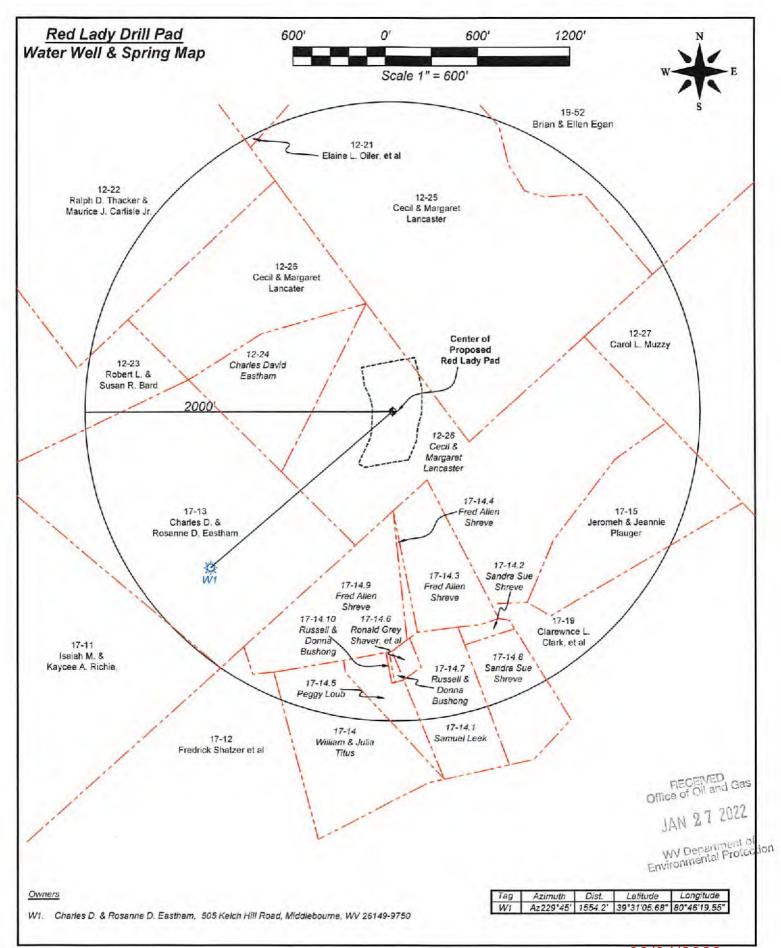
Notary Public

My Commission Expires 27 Apr 2024

Office of Oil and Gas

JAN 27 2022

WV Department of Environmental Protection



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 at le e: 12/17/2021 Date Permi	ast TEN (10) days prior to filing a it Application Filed: 01/26/2022	permit application.
Delivery met	hod pursuant to West Virginia Code § 22-	6A-16(b)	
☐ HAND	CERTIFIED MAIL		
DELIVE		ESTED	
receipt request drilling a hore of this subsect subsection ma	V. Va. Code § 22-6A-16(b), at least ten days sted or hand delivery, give the surface owner izontal well: <i>Provided</i> , That notice given pution as of the date the notice was provided to be waived in writing by the surface owner le, facsimile number and electronic mail add	notice of its intent to enter upon the insuant to subsection (a), section to the surface owner: <i>Provided, how</i> . The notice, if required, shall include	ne surface owner's land for the purpose of on of this article satisfies the requirements ovever. That the notice requirements of this ude the name, address, telephone number,
Notice is he	reby provided to the SURFACE OWN	TER(s):	
	aret Lancaster	Name:	
Address: PO		Address:	
Read	er, WV 26167	-	
State: County: District: Quadrangle: Watershed:	wner's land for the purpose of drilling a horiz West Virginia Wetzel Green Porters Falls 7.5' Fishing Creek	UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name:	520470.22m 4375182.39m Wetzel Tyler Ridge Rd Margaret Lancaster
Pursuant to 'facsimile nur related to hor	Shall Include: West Virginia Code § 22-6A-16(b), this not observed and electronic mail address of the operizontal drilling may be obtained from the Strong Street, SE, Charleston, WV 25304 (30)	erator and the operator's authorized secretary, at the WV Department of	ed representative. Additional information of Environmental Protection headquarters,
Notice is he	reby given by:		
Well Operato	r: Antero Resources Appalachian Corporation	Authorized Representative:	Mallory Stanton
Address:	1615 Wynkoap St.	Address:	1615 Wynkoop St.
	Denver, CO 80202		Denver, CO 80202
Telephone:	303-357-7310	Telephone:	303-357-7310 RECEIVENT GB
Email:	mstanton@anteroresources.com	Email:	mstanton@anteroresources.com
Facsimile:	303-357-7315	Facsimile:	303-357-7315 IAN 27 LULL
Oil and Ga	s Privacy Notice:		WV Department

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)

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

Delivery met	hod pursuant to West Virginia Co	ode § 22-6A-16(c)		
CERTII	FIED MAIL	☐ HAND		
	N RECEIPT REQUESTED	DELIVERY		
Pursuant to Vereturn receipt the planned of required to be drilling of a lamages to the (d) The notice of notice.	V. Va. Code § 22-6A-16(c), no late requested or hand delivery, give the peration. The notice required by provided by subsection (b), section norizontal well; and (3) A propose e surface affected by oil and gas op	e surface owner whose land this subsection shall include the ten of this article to a surface d surface use and compens the surface owner a given to the surface owner a twice owner a	will be used for le: (1) A copy ace owner whos ation agreemen mages are comp the address lis	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information is land will be used in conjunction with the it containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
Name: Margi Address: POB Readi Notice is here Pursuant to W	oret Lancaster ox 19 or, WV 26167-0019 eby given: //est Virginia Code § 22-6A-16(c), r		e undersigned	well operator has developed a planned
Name: Margi Address: PO B Readi Notice is here Pursuant to W operation on	oret Lancaster ox 19 er, WV 26167-0019 eby given:	Address notice is hereby given that the rpose of drilling a horizonta	e undersigned of well on the tra	
Name: Margi Address: PO B Readi Notice is her- Pursuant to W operation on State:	eret Lancaster ox 19 er, WV 26167-0019 eby given: /est Virginia Code § 22-6A-16(c), r the surface owner's land for the pur	Address	e undersigned of well on the tra	ct of land as follows:
Name: Marga Address: PO B Reads Notice is here Pursuant to W operation on State: County:	eby given: /est Virginia Code § 22-6A-16(c), r West Virginia	Address notice is hereby given that the rpose of drilling a horizonta	te undersigned of well on the tra Easting:	ct of land as follows: 520470.22m
Name: Marga Address: PO B Reado Notice is here Pursuant to W operation on State: County: District:	eby given: /est Virginia Code § 22-6A-16(c), r West Virginia West Virginia West Virginia	Address notice is hereby given that the rpose of drilling a horizonta UTM NAD 8 Public Road	te undersigned of well on the tra Easting:	tet of land as follows: 520470.22m 4375182.39m
Name: Margi Address: POB Readi Notice is here Pursuant to W	eby given: /est Virginia Code § 22-6A-16(c), rethe surface owner's land for the pure west Virginia West Virginia Wetzel Green	Address notice is hereby given that the rpose of drilling a horizonta UTM NAD 8 Public Road	te undersigned of the transport of the t	act of land as follows: 520470.22m 4375182.39m Wetzel Tyler Ridge Rd
Name: Margi Address: PO B Reads Notice is here Pursuant to Woperation on State: County: District: Quadrangle: Watershed; This Notice Sepursuant to Wood be provided the prov	eby given: /est Virginia Code § 22-6A-16(c), r the surface owner's land for the pur West Virginia Wetzel Green Porter Falls 7.5' Fishing Creek Shall Include: /est Virginia Code § 22-6A-16(c), d by W. Va. Code § 22-6A-10(b) II; and (3) A proposed surface use red by oil and gas operations to the elated to horizontal drilling may be located at 601 57th Street, SE,	Address notice is hereby given that the rpose of drilling a horizonta UTM NAD 8 Public Road A Generally use this notice shall include: (1) to a surface owner whose and compensation agreement extent the damages are composited by the compensation of the secret states of the compensation of the secret compensation the secret compensation the secret compensation the secret compensation agreement of the secret compensation agreement compensation agreemen	te undersigned of well on the tra Easting: Northing: Access: ad farm name: A copy of this is land will be int containing arompensable undary, at the WV	act of land as follows: 520470.22m 4375182.39m Wetzel Tyler Ridge Rd Margaret Lancaster code section; (2) The information required used in conjunction with the drilling of an offer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection
Name: Margi Address: PO B Reads Notice is here Pursuant to W operation on State: County: District: Quadrangle: Watershed: This Notice S Pursuant to W to be provide horizontal we surface affect information r headquarters, gas/pages/def	eby given: /est Virginia Code § 22-6A-16(c), rest Virginia Code § 22-6A-16(c), rest Virginia Code § 22-6A-16(c), rest Virginia Wetzel Green Porter Falls 7.5' Fishing Creek Shall Include: /est Virginia Code § 22-6A-16(c), rest Virginia Code § 22-6A-10(b) Ill; and (3) A proposed surface use red by oil and gas operations to the elated to horizontal drilling may be located at 601 57th Street, SE, fault.aspx.	Address notice is hereby given that the repose of drilling a horizonta UTM NAD 8 Public Road A Generally use this notice shall include: (1) to a surface owner whose and compensation agreement extent the damages are consistent of the compensation of the Secret Charleston, WV 25304	te undersigned of levell on the tracesting: Northing: Access: A copy of this eland will be on the containing arompensable undersy, at the WV (304-926-0450)	set of land as follows: 520470.22m
Name: Margi Address: PO B Reads Notice is here Pursuant to W operation on State: County: District: Quadrangle: Watershed: This Notice S Pursuant to W to be provide horizontal we surface affect information re headquarters,	eby given: /est Virginia Code § 22-6A-16(c), rest Virginia Code § 22-6A-16(c), rest Virginia Code § 22-6A-16(c), rest Virginia Wetzel Green Porter Falls 7.5' Fishing Creek Shall Include: /est Virginia Code § 22-6A-16(c), rest Virginia Code § 22-6A-10(b) Ill; and (3) A proposed surface use red by oil and gas operations to the elated to horizontal drilling may be located at 601 57th Street, SE, fault.aspx.	Address notice is hereby given that the rpose of drilling a horizonta UTM NAD 8 Public Road A Generally use this notice shall include: (1) to a surface owner whose and compensation agreement extent the damages are composited by the compensation of the secret states of the compensation of the secret compensation the secret compensation the secret compensation the secret compensation agreement of the secret compensation agreement compensation agreemen	te undersigned of well on the tra Easting: Northing: Access: ad farm name: A copy of this is land will be int containing arompensable undary, at the WV	set of land as follows: 520470.22m

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@wy.gov. JAN 27 2022 DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WV Department of Environmental Protect

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

1,	, hereby state that I have read th	e Instructions to	Persons Na	amed on Page WW-6A and the associated	
WW-6A and	attachments consisting of pages one (1) through	h,	including		
required, and State:	the well plat, all for proposed well work on the tra West Virginia	Pastings		520470.22m	
County:	Wetzel	I IVI NAIDX	Northing:	4375182.39m	
District:	Green	Public Road Acce		Wetzle Tyler Ridge Rd	
Quadrangle:	Porter Falls 7.5'	Generally used farm name:		Margaret Lancaster	
Watershed:	Fishing Creek				
	k the box that applies	FOR	EXECUT	ION BY A NATURAL PERSON	
□ SURFA	CE OWNER	Signa	ature:		
☐ SURFACE OWNER (Road and/or Other Disturbance)		Print	Name:		
	CE OWNER (Impoundments/Pits)	Date:			
		FOR	EXECUT	ION BY A CORPORATION, ETC.	
□ COAL C	OWNER OR LESSEE				
□ COAL C	PERATOR	By: _ Its:			
□ WATER	RPURVEYOR	1 (55)		RECEIVED Office of Oil and Gas	
□ OPERA	TOR OF ANY NATURAL GAS STORAGE			JAN 27 2022	

Oil and Gas Privacy Notice:

WV Department of Environmental Protection 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 depprivacyofficen@wv.gov.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

D. Alan Reed, P.E. State Highway Engineer 1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

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

October 29, 2021

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 Red Lady Pad, Tyler County

Baldy Unit 2H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2021-0085 which has been issued to Antero Resources Corporation for access to the State Road for a well site located off Tyler County Route 28/1 SLS MP 0.80.

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.

Hary K. Clayton

Regional Maintenance Engineer Central Office O&G Coordinator

Cc: Mallory Stanton

Antero Resources Corporation

CH, OM, D-6

File

Office of Oil and Gas

JAN 27 2022

WV Department of Environmental Protection

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
7	2.	2 Phosphobutane 1,2,4 tricarboxylic acid	37971-36-1
:	3.	Ammonium Persulfate	7727-54-0
4	4.	Anionic copolymer	Proprietary
	5.	Anionic polymer	Proprietary
(6.	BTEX Free Hydrotreated Heavy Naphtha	64742-48-9
7	7.	Cellulase enzyme	(Proprietary)
8	3.	Demulsifier Base	(Proprietary)
9	€.	Ethoxylated alcohol blend	Mixture
		Ethoxylated Nonylphenol	68412-54-4
		Ethoxylated oleylamine	26635-93-8
		Ethylene Glycol	107-21-1
		Glycol Ethers	111-76-2
		Guargum	9000-30-0
		Hydrogen Chloride	7647-01-0
		Hydrotreated light distillates, non-aromatic, BTEX free	64742-47-8
		Isopropyl alcohol	67-63-0
		Liquid, 2,2-dibromo-3- nitrilopropionamide	10222-01-2
		Microparticle	Proprietary
		Petroleum Distillates (BTEX Below Detect)	64742-47-8
		Polyacrylamide	57-55-6
		Propargyl Alcohol	107-19-7
		Propylene Glycol	57-55-6
		Quartz	14808-60-7
		Sillica crystalline quartz	7631-86-9
		Sodium Chloride	7647-14-5
		Sodium Hydroxide	1310-73-2
		Sugar	57-50-1
		Surfactant	68439-51-0
		Suspending agent (solid)	14808-60-7
		Tar bases, quinolone derivs, benzyl chloride-quarternized	72480-70-7
		Solvent Naptha, petroleum, heavy aliph	64742-96-7
		Soybean Oil, Me ester	67784-80-9
		Copolymer of Maleic and Acrylic Acid	52255-49-9
		DETA Phosphonate	15827-60-8
		Hexamythylene Triamine Penta	34690-00-1
		Phosphino Carboxylic acid polymer	71050-62-9
		Hexamethylene diamine penta	23605-74-5
		2-Propenoic acid, polymer with 2 propenamide	9003-06-9
		Hexamethylene diamine penta (methylene phosphonic ac	•
		Diethylene Glycol	111-46-6
		Methenamine	100-97-0
		Polyethylene polyamine	68603-67-8
		Coco amine	61791-14-8
4	5.	2-Propyn-1-olcompound with methyloxirane	38172-91-7

10	CATION COO	RDINATES		
and the Labour	WY13-14 (F	(DRTH ZONE)	UTMES-17	
SITE LOCATIONS	LATITUDE	LONGITUDE	NORTHING	EASTING
WATER OFFLOAD ACCESS ROAD ENTRANCE	39,528227	-80.768155	4375422.817899	519925.72140
AST ACCESS ROAD ENTRANCE	39.574987	-80.764533	4375054.044044	520237.494835
WELL PAD ACCESS ROAD ENTRANCE	39.525780	-80.762570	4375/96 919747	520406.64299
CENTROID OF TANK PAD	89.523851	-80.76723€	4374938.514390	520007 685 39
CENTROID OF WELL PAD	39.526248	80.761858	4275204,665231	520467.54384

RED LADY WELL PAD WELL PAD SITE PLAN ANTERO RESOURCES

LAT./LONG: N 39.521063° W -80.767761° (APPROXIMATE CENTER OF PROJECT)

91	DEL STORM
1.	COVER SHEET
2.	GENERAL NOTES
2	MATERIAL QUANTITIES
	BOLING FORE
1	BOPING LOGS
	BOFFHG LOGS
7.	BOFING LODE
	BOFFING LOGS
B.	BONNG LOGS
10	MASTER LEGENO
11	EXISTING CONDITIONS
	CYCRALL GOPACH MAP
13.	EIOPACH MAP
14	EIGPACH NAF
15	EIOPACH MAP

98 ISOFACHMAP
17. ISOFACHMAP
18. ISOFACHMAP
19. ONFOLL SITE FAM
29. SITE FAM
20. SITE FAM
21. SITE FAM
22. SITE FAM
23. SITE FAM
24. SITE FAM
24. SITE FAM
25. SITE FAM
26. SI

51. PROFILES AND SECTIONS
32. WICKLES AND SECTIONS
33. WICKLES AND SECTIONS
34. WICKLES AND SECTIONS
35. WICKLES AND SECTIONS
36. WICKLES AND SECTIONS
37. WICKLES AND SECTIONS
36. WICKLES AND SECTIONS
36. WICKLES AND SECTIONS
36. WICKLES AND SECTIONS
47. WICKLES AND SECTIONS
48. WICKLES AND SECTIONS
48. WICKLES AND SECTIONS
49. WICKLES AND SECT 45 GEOTECHNICAL CHIC 47 DETAILS 48 DETAILS 50 DETAILS 50 DETAILS 52 DETAILS 52 DETAILS 53 DETAILS 54 OVERFILL RECLAMATION PLAN 55 RECLAMATION PLAN 55 RECLAMATION PLAN 56 RECLAMATION PLAN 58 DECLAMATION PLAN 58 DECLAMATION PLAN 59 DECLAMATION PLAN 59 DECLAMATION PLAN 59 DECLAMATION PLAN 59 DECLAMATION PLAN

RESTRICTIONS NOTES:

THERE ARE SO DESCRIPTION ENTIRED AND RESIDENCE THAT HE STATE SET WITHOUT OF THE WILL AND WIND THE RESIDENCE OF THE STATE SET OF THE STATE SET OF THE STATE SET OF THE WILL AND WIND THE RESIDENCE OF THE STATE STATE SET OF THE STATE SET OF THE STATE SET OF THE WILL AND THE RESIDENCE OF THE STATE STATE SET OF THE STATE SET OF THE STATE SET OF THE WILL AND THE STATE SET OF THE STATE SET OF THE STATE SET OF THE STATE SET OF THE WILL AND STATE SET OF THE STATE SET OF THE WILL AND STATE SET OF THE STATE SET OF THE

GRADING VOLUMES + OV	ERALL SITE		
DESCRIPTION	CUT (CV)	FILE (CY)	NET (DY)
AST ACCESS ROAD	Mil	19.187	-18641
WELL PAD AGCERG ROAD	M	2,726	-2.341
WATER OFFLDAD AGCRESS	71.670	6.794	54,856
WELL FAD	62,003	41,530	20,161
AST PAD	52,969	91.129	-38,183
STAGAGAREA I	2.017	10,831	+14,814
SPOLPLE (0	8	
TOTAL	105,470	178,187	11,293
TOPSOIL / STRIPPING WITH 70% SWELL (26,049 C.Y)		21,707CY	
TOTAL EXPLANATION	244 177	100 tot	40.000

LO.D. AREAS			
DESCRIPTION	ACRES		
AST ACCESS FIGAD	1.12		
WELL FACIACCESS #CIAC	241		
WATER OFFLOAD ACCESS	7.35		
WEST PAD	9.42		
ASTRAD	10.12		
TOPSOL/STRIPPING PLF 1	663		
CILD STAGING / SPOR AMA	10.61		
STAGING ANSA :	2.12		
SPOR PRE 1	1.31		
TOTAL	\$2.15		
WOODS PREPIDURLY CLEARED	22.94		
ADDRESS CONTRACTOR			

AQUARC IMPACT TXBLE						
STREAMID	TYPE OF STREAM	EF WITHIN LOD	IMPACTS (LF) WITHIR CUT/FILL BOUNDARY	COMMENTS		
SWCA_STREAM15_MOD	EPHEMERAL	1	0	NO IMPACT		
SWCA_STREAMSE_MOD	EPHEMERAL	29	0	TIMEER MAT - NO FILE		
SWCA_STREAMEL_MOD	EPHEMERAL	17		NO IMPACT		
SWCA_STREAM24_MDD	EDHENERAL	36	0	NO IMPACT		

WELL FEGUND						
WELL HEAD	WY NORTH HAD 27	WY NORTH NAD ES	UTM-M	NAD 13		
MED LADY SH	N. 176340.157	N: 376375-860	N. 4875231.223	LAT: 39.526483		
	E: 1543967.533	£: 1E12546.731	E: 520458.359	LON -80.76196		







FLOODPLAIN NOTES:
THE PROPOSED BYTE LICENSES HOT HITHIN ANY CONTINUE FLOOD TONICS. FOR FEMALIAN LEASURES #3-4000CHETSC.

ENTRANCE PERMIT:
CYLING DUPPOWER COMBATONT AND METURO RESOURCE WILL GET AN BENCHMENT FROM I JOHN WE WISH WITH METURO REPORTMENT OF THIM FOR A TOWN OF THE WEST WITHOUT PROPERTIES OF THIM FOR A TOWN OF THE WEST WITHOUT THE THIM FOR A TOWN OF THE WEST WITHOUT THE COMPANY OF THE WEST WITHOUT THE COMPANY OF THE WEST WITHOUT THE WEST WITH THE WEST WI

ENVIRONMENTAL NOTES.

STREAM AND VEHICAD DELEGATIONS WAS PERFORMED IN ADMINISTRATING THE AUXILIARY EXCLUSIVE TREATMENT AND AUXILIARY AND AUXIL

GEOTECHNICAL NOTES
THE PRODUCTE HOME SHALL BE TREE REMEDIES A COMMEDICATION ACCUSE NOTE TO THE MEDICAL PRODUCT OF THE PRODUCT

F. I WASONER | ENYROIMENTAL & REGULATORY MANAGER OFFICE DOGSEL-BOR ECUI-DOS PLANTS

SCOTT HOFFER - LITLITY SUPERVISOR

ENGINEER/SURVEYOR

CONT. A ENVIRONMENTAE CONSULTANTS, INC.

COLUMN D PORTINGON OF PROJECT MANAGEMENTALIST

CONTROL SON (SEA 11). MANAGE

OFOTECHNICAL
CIVIL A ENVIRONMENTAL CONSULTANTS, INC.
BOX SERVING TO TRUSTED MARKET
OFFICE METSCOTT CO., DON'T ARREST
OFFICE METSCOTT CO., DON'T ARREST

PROJECT AREA LOCATION MAP PORTER FALLS USGS 7.5' QUAC





I POCH - I MILE

PENNSYLVANIA MARYLAND AREA

PLAN REPRODUCTION WARRING

VICINITY MAP

THE PLANS HAVE BOOM CHEMICATOR MICE DIGGS IS SAY SHEETS FOR MICE ACTION OF PERSONS OF PE

ANTERO RESOURCES
RED LADY WELL PAD
ELLSWORTH & GREEN DISTRICTS
TYLER & WETZEL COUNTY, WV

Chril &

COVER SHEET

