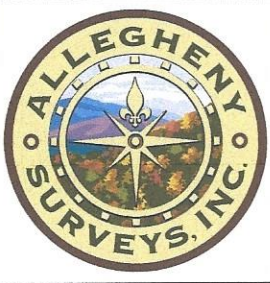


**Antero Resources**  
**Well No. Ringnus 2H**  
**BHL MOD**  
 Antero Resources Corporation

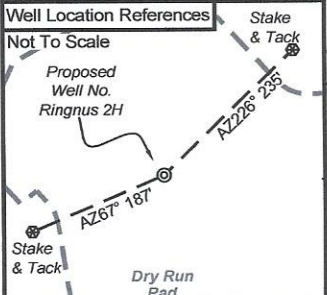
PAGE 1 of 2

10,408' to Top Hole  
 4,741' to Bottom Hole  
**TOP HOLE LATITUDE 39 - 35 - 00**  
**BTM HOLE LATITUDE 39 - 37 - 30**



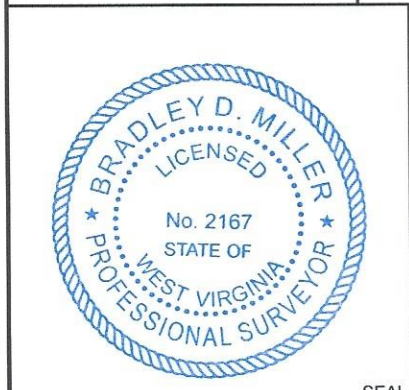
**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Ringnus Unit 2H Top Hole coordinates are  
 N: 386,241.84' Latitude: 39°33'06.73"  
 E: 1,601,890.44' Longitude: 80°54'42.88"  
 Bottom Hole coordinates are  
 N: 403,722.48' Latitude: 39°35'58.58"  
 E: 1,596,083.25' Longitude: 80°56'00.57"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,378,033.395m N: 4,383,329.409m  
 E: 507,583.008m E: 505,725.044m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Notes**  
 Well No. Ringnus Unit 2H UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,362,883.70'  
 E: 1,665,247.24'  
 Point of Entry Coordinates  
 N: 14,362,480.90'  
 E: 1,665,266.78'  
 Bottom Hole Coordinates  
 N: 14,380,259.03'  
 E: 1,659,151.10'

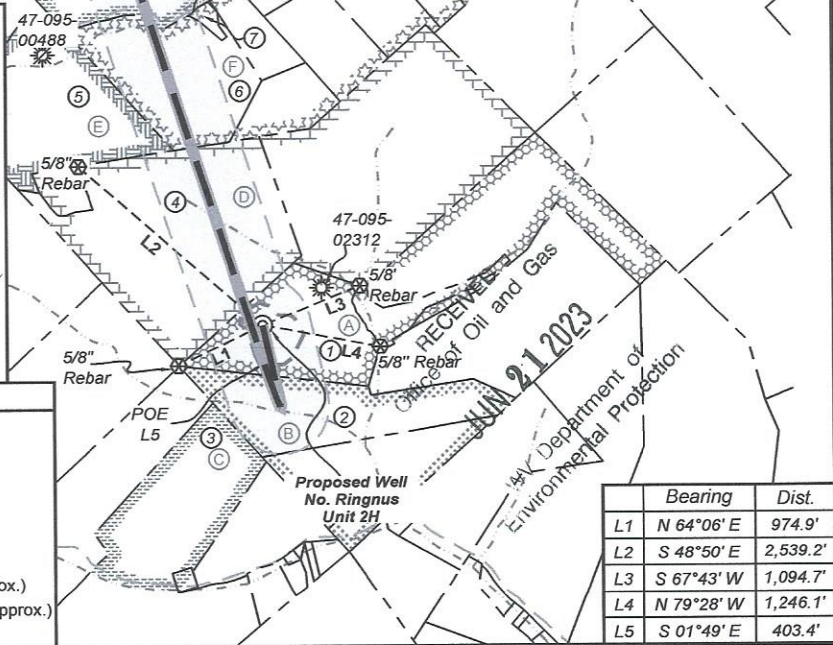
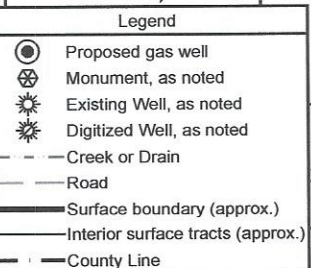
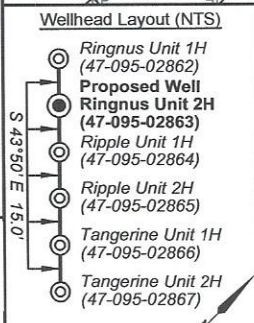
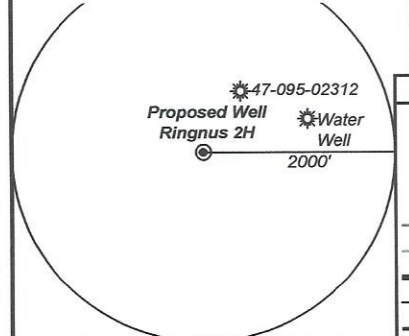


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167



Note: 1 water well were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



	Bearing	Dist.
L1	N 64°06' E	974.9'
L2	S 48°50' E	2,539.2'
L3	S 67°43' W	1,094.7'
L4	N 79°28' W	1,246.1'
L5	S 01°49' E	403.4'

FILE NO: 20-54-L-18  
 DRAWING NO: Ringnus 2H Well Plat  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: June 16 2023  
 OPERATOR'S WELL NO. Ringnus 2H  
 API WELL NO  
 47 - 95 - 02863  
 STATE COUNTY PERMIT

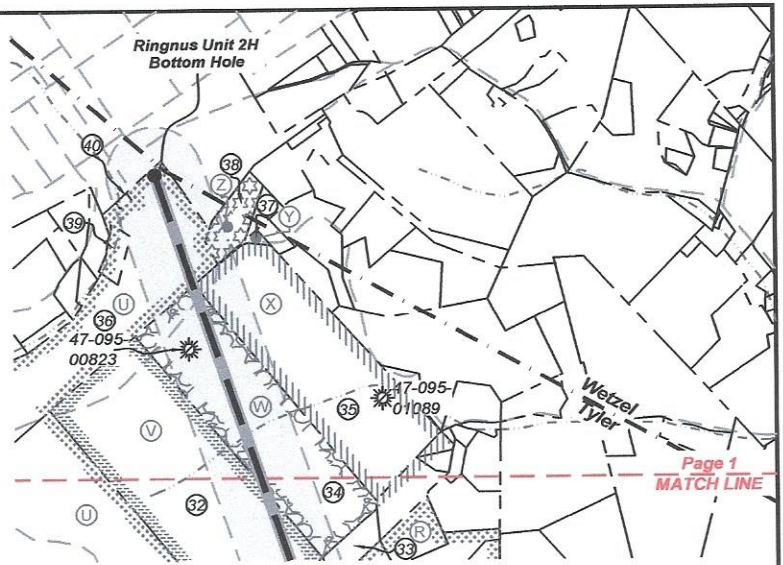
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: As-Built 1,007' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City 164.21; 93.167; 47.47; 190.043; 267.113; 64.835; 146.75; 88; 74.5; 58.293; 9.93; 95.4; 59.50; 50; 65; 200

DISTRICT: Lincoln COUNTY: Tyler  
 SURFACE OWNER: David E. Bowyer ACREAGE: 06/30/2023  
 ROYALTY OWNER: Timothy L. VanCamp; Tamara M. Reynolds; BRC Appalachian Minerals I, LLC; J. Maurice Carlisle; LEASE NO:  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 6,700' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,300' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
 Denver, CO 80202 Bridgeport, WV 26330





ID	TM-Par	Owner	Bk/Pg	Acres
1	9-19	David E. Bowyer	OR16/22	85.79
2	9-31.1	David E. Bowyer	OR16/22	38.04
3	9-28	Constance Heintzman	WB43/505	104.50
4	9-17	Ethan A. & Marsha L. Riffle	323/649	90.04
5	9-16	Donald Grimes	547/631	118.21
6	9-6.1	Larry G. & Joyce Ann Kaprich	326/874	40.51
7	9-6.3	Donna E. Cecil	611/328	1.44
8	9-5.1	Carl L. & Donna M. Yoho	328/400	1.65
9	9-5	Chad & Janet L. Heintzman	330/527	64.35
10	9-7.1	Carl L & Donna M Yoho	320/456	117.00
11	5-18	Melvin S. Stem, et al	222/185	43.50
12	5-17	Kenneth W. & Susan D. Paden	215/390	11.11
13	5-16	Kenneth W. & Susan D. Paden	215/390	11.11
14	5-14	Kenneth W. & Susan D. Paden	215/390	55.22
15	5-15	Kenneth W. & Susan D. Paden	215/390	21.32
16	5-15.1	Joshua K. & Tomela Paden	355/821	1.00
17	5-19	John P. & Susan Buck	337/634	159.21
18	5-7	Jane Buck	42/148	0.87
19	5-9.2	Bryan Scott & Eleanor A. Campbell	350/334	1.23
20	5-9	Sally Anderson	368/92	25.89
21	5-9.3	Franklin G. & Nancy M. Broughman	351/143	8.92
22	5-8	Franklin & Nancy Broughman	338/292	33.17
23	5-2.1	John Goode	OR28/720	27.52
24	5-1	Richard Lee & Linda Tuttle	362/43	88.00
25	5-34	Timothy J. & Miranda Haynes	OR151/407	74.50
26	5-35	Ethel & Timothy Brown	AR45/28	8.50
27	5-36	Brandon P. Mason and Katie E. Mason	396/464	56.86
28	5-41	Cheryl W. Cowen, et al	166/56	36.00
29	5-38	Clegg Family Irrevocable Trust	361/387	3.50
30	5-37	Clegg Family Irrevocable Trust	369/576	19.80
31	2-??	Shawn D. & Tara A. Cross	612/75	—
32	1-8	Gary & Marsha L. Holmes	372/325	95.40
33	2-11	Misty D. Willey	555/467	4.00
34	2-1	Lloyd Wayne & Lottie Cross	188/383	50.00
35	2-2	Betty Lou Billiter Irrevocable Trust	375/476	65.00
36	15-12	Mike Ross Inc.	459/59	69.45
37	2-5	Betty Lou Billiter Irrevocable Trust	375/476	0.60
38	15-4	Linda K Patterson et al	AP97/843	7.17
39	1-27	Lloyd Lewis	295/505	2.50
40	1-22	Monongahela Power Company	184/487	0.28

Leases	
A	Timothy L. VanCamp
B	Tamara M. Reynolds
C	Martha Hayes, et vir
D	BRC Appalachian Minerals I LLC
E	Earl Grimes, et ux
F	J. Maurice Carlisle
G	John T. Goosman, et ux
H	Janet L. Heintzman
I	BRC Appalachian Minerals I, LLC
J	Jane Ann Miller
K	John Paul Buck, et ux
L	BRC Appalachian Minerals I, LLC
M	Drilling Appalachian Corporation
N	Ralph & Stella Judge
O	Richard Tuttle, et ux
P	Waco Oil & Gas Co Inc.
Q	Brandon P. Mason, et ux
R	Heritage Resources - Marcellus Minerals, LLC
S	Lee & Hall Royalties
T	BRC Appalachian Minerals I, LLC
U	Henry P. Snyder, et al
V	Gary Holmes, et ux
W	Bounty Minerals, LLC
X	Lonnie L. & Bettie Lou Billiter
Y	Betty Lou Billiter Irrevocable Trust
Z	Esther K. Hissam

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 Office of Oil and Gas  
**JUN 21 2023**  
 WV Department of Environmental Protection

FILE NO: 20-54-L-18  
 DRAWING NO: Ringnus 2H Well Plat  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY:  
Submeter  
 PROVEN SOURCE OF ELEVATION:  
WVDOT, Harrisville, WV

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: June 16 2023  
 OPERATOR'S WELL NO. Ringnus 2H  
 API WELL NO  
47 - 95 - 02863  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

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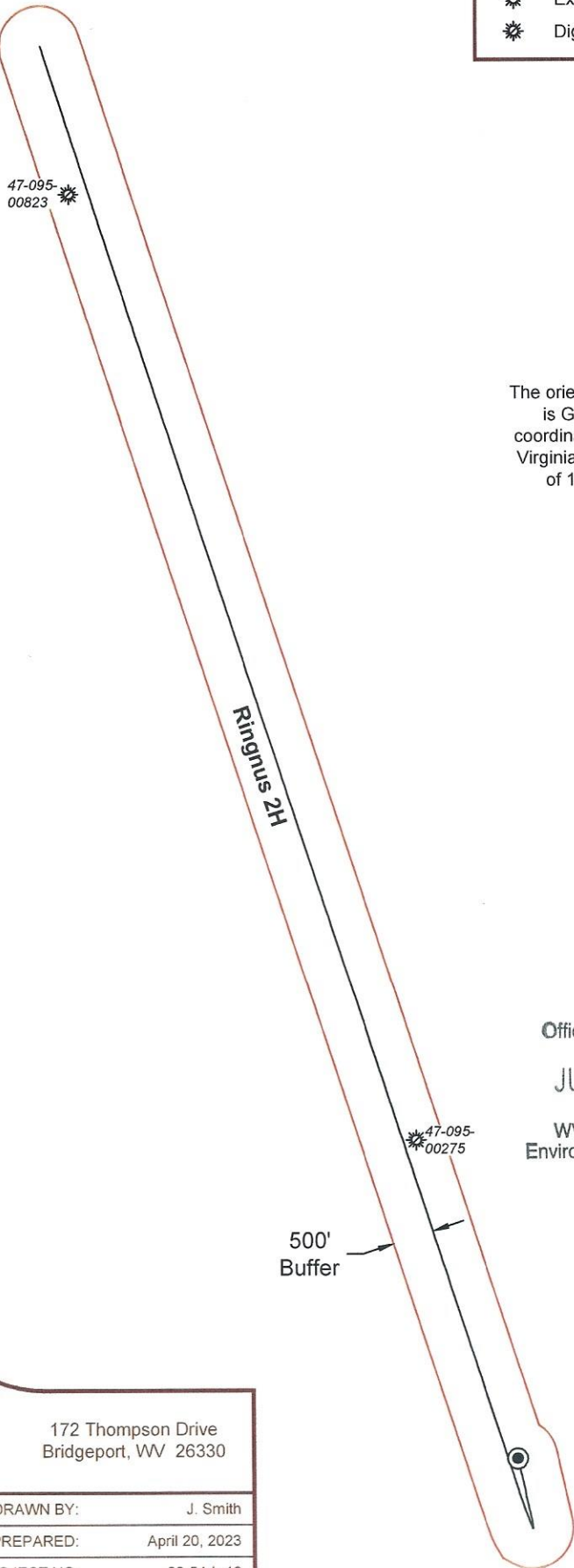
Scale: 1 inch = 2000 feet

**LEGEND**

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



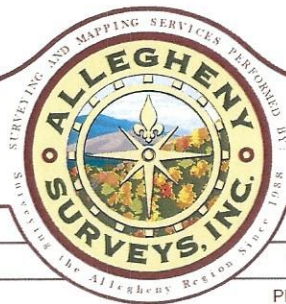
The orientation of this survey is Grid North, and its coordinate base is the West Virginia Coordinate System of 1927, North Zone



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Office of Oil and Gas

JUN 12 2023

WV Department of  
Environmental Protection



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

172 Thompson Drive  
Bridgeport, WV 26330

PARTY CHIEF: C. Lynch	DRAWN BY: J. Smith
RESEARCH: J. Miller	PREPARED: April 20, 2023
SURVEYED: Dec. 2016	PROJECT NO: 20-54-L-18
FIELD CREW: C.L., K.M.	DRAWING NO: Ringnus 2H BHL MOD AOR

Sheet 1 of 1

06/30/2023