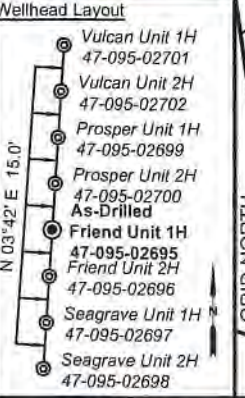


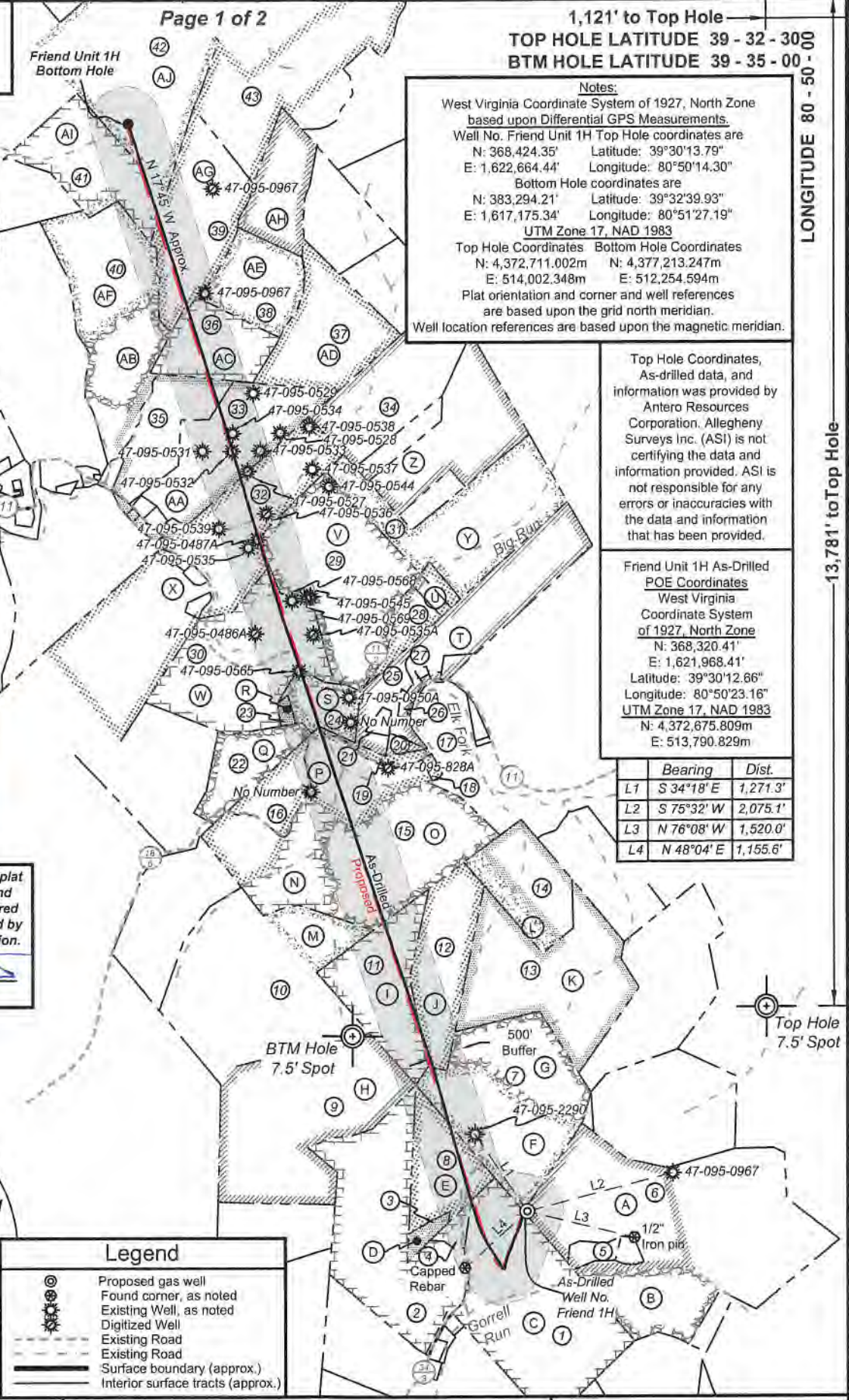
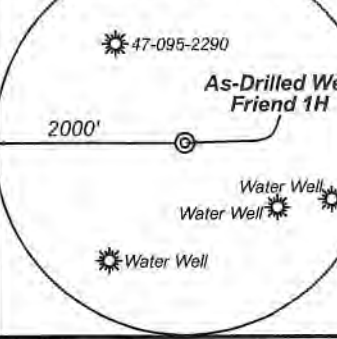
**Antero Resources  
Well No. Friend 1H  
As-Drilled  
Antero Resources Corporation**



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: 3 water wells 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.



**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Friend Unit 1H Top Hole coordinates are  
N: 368,424.35' Latitude: 39°30'13.79"  
E: 1,622,664.44' Longitude: 80°50'14.30"  
Bottom Hole coordinates are  
N: 383,294.21' Latitude: 39°32'39.93"  
E: 1,617,175.34' Longitude: 80°51'27.19"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,372,711.002m N: 4,377,213.247m  
E: 514,002.348m E: 512,254.594m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

Friend Unit 1H As-Drilled POE Coordinates  
West Virginia Coordinate System of 1927, North Zone  
N: 368,320.41'  
E: 1,621,968.41'  
Latitude: 39°30'12.66"  
Longitude: 80°50'23.16"  
UTM Zone 17, NAD 1983  
N: 4,372,675.809m  
E: 513,790.829m

Bearing	Dist.
L1 S 34°18' E	1,271.3'
L2 S 75°32' W	2,075.1'
L3 N 76°08' W	1,520.0'
L4 N 48°04' E	1,155.6'

**Legend**

	Proposed gas well
	Found corner, as noted
	Existing Well, as noted
	Digitized Well
	Existing Road
	Surface boundary (approx.)
	Interior surface tracts (approx.)

FILE NO: 45-54-E-19  
DRAWING NO: Friend Unit 1H As-Drilled  
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: February 24 2021  
OPERATOR'S WELL NO. Friend 1H  
API WELL NO  
47 - 095 - 02695  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1081' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porter Falls  
DISTRICT: Ellsworth DENNIS R. & CLISTA A. HEINTZMAN: ROSE ENTERPRISES, LLC; COUNTY: Tyler  
SURFACE OWNER: Richard D. Pyles B&C OIL AND GAS COMPANY; SHARON ROSE FAINI; HELEN E. BOGGS ACREAGE: 168.5  
ROYALTY OWNER: Richard D. Pyles, et ux; JOSEPH L. SITKO, et ux (2); BRC APPALACHIAN MINERALS I, LLC (3) LEASE NO: ACREAGE: 119; 100; 30; 45; 134

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,956' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313





ID	TM/Par	Owner	DB/PG	Acres
1	16-44	Robert A. Pyles, et al	335/482	87.82
2	15-38	Rodney A. & Candis L. Nash	351/701	85.48
3	16-23.1	Bruce Winkelmann	334/195	3.30
4	16-44.1	Carl Straight	543/ 598	3.70
5	16-42.1	Richard D. Pyles	336/815	4.56
6	16-42	Richard D. Pyles	379/20	168.50
7	16-22	Joesph L. Jr. & Karen Sitko	296/13	81.70
8	16-23	Joseph L. Sitko	314/462	29.7
9	15-30.1	Roger D. Blizzard & Ruth E. Spencer	343/427	101.38
10	15-11	Roger Matthes	318/137	115.47
11	15-10	Antero Midstream, Inc.	617/739	34.13
12	16-1	Antero Midstream, Inc.	617/739	35.25
13	16-2	David E. Bowyer	622/775	80.75
14	16-4	Darrell J. Sole	227/376	35.00
15	15-9	Antero Midstream, LLC	586/544	132.19
16	15-8	William A. & Joyce L. Caputo	245/485	14.00
17	11-36	David W. Fiber	574/847	21.16
18	10-53	Kathy M. & Doug O. Smith	331/220	1.10
19	10-52	Darwin & Shirley Martin	306/537	5.00
20	10-72	Darwin & Shirley Martin	322/28	1.99
21	10-73	Darwin & Shirley Martin	306/537	1.90
22	10-56	Mary K. Neff	413/731	22.06
23	10-55	Charles & Shirley E. Neff	218/46	1.47
24	10-54	Michael W. & Brenda S. Schmidt	244/409	14.06
25	11-32	Darwin & Shirley Martin	348/344	60.66
26	10-70	Darwin & Shirley Martin	326/490	1.19
27	11-32.2	Bernard R. & Denise F. McDougal	636/587	0.54
28	10-51	Charles E. & Laura Lynn Friend	334/839	8.03
29	10-49	Charles E. & Laura Lynn Friend	334/836	71.52
30	10-57	Charles E. & Laura Lynn Friend	334/836	84.39
31	11-1	Gertrude L. Pugh	314/140	70.00
32	10-46	Opal Carol Tallman	282/382	114.00
33	10-10	Ronald D. & Sandra Sue Martin	378/322	58.35
34	10-8	Helen M. Young	198/126	50.50
35	10-12	Sandra K. Metz	376/458	30.50
36	10-11	J.R. Schamp	318/543	30.00
37	10-9	Brian E. & Barbara J. Courtney	344/626	52.00
38	10-5	Brian E. & Barbara J. Courtney	344/626	30.00
39	10-4	Stefan L. & Alberta B. Smolski	356/467	56.08
40	10-13	Kevin S. & Melinda S. Goff	597/808	87.19
41	6-49	Dennis & Clista A. Heintzman	297/637	45.00
42	6-36	Dennis & Clista A. Heintzman	297/640	417.06
43	6-30.1	Larry M. & Amy B. Adams	369/344	150.34

Leases	
A	Richard D. Pyles, et ux
B	Richard D. Pyles, et ux
C	Helen E. Boggs
D	Bruce Winkelmann
E	Joseph L. Sitko, et ux
F	Joseph L. Sitko, et ux
G	BRC Appalachian Minerals I, LLC
H	Roger D. Blizzard
I	BRC Appalachian Minerals I, LLC
J	BRC Appalachian Minerals I, LLC
K	BRC Appalachian Minerals I, LLC
L	BRC Appalachian Minerals I, LLC
M	James Matthes
N	James L. Newsom Revocable Trust
O	Will E. Morris Trust
P	Jerry Shoemaker
Q	Kenneth R. Baker
R	Shirley E. Neff
S	Michael W. Schmidt, et ux
T	Haught Family Trust
U	Karen J. Wolfe
V	Darrell Sole
W	Charles Eugene Friend, et ux
X	Allen Smith
Y	Ridgetop Capital II, LP
Z	Helen M. Karcinski, et al
AA	B&C Oil and Gas Company
AB	BRC Appalachian Minerals I, LLC
AC	Sharon Rose Faini
AD	BRC Appalachian Minerals I, LLC
AE	B&C Oil and Gas Company
AF	Bounty Minerals, LLC
AG	Rose Enterprises, LLC
AH	B&C Oil and Gas Company
AI	Dennis R. & Clista A. Heintzman
AJ	BRC Appalachian Minerals I, LLC

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 Submeter  
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 WVDOT, Harrisville, WV

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
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 API WELL NO  
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 DISTRICT: Ellsworth COUNTY: Tyler 03/17/2023  
 SURFACE OWNER: Richard D. Pyles DENNIS R. & CLISTA A. HEINTZMAN; ROSE ENTERPRISES, LLC; B&C OIL AND GAS COMPANY; SHARON ROSE FAINI; HELEN E. BOGGS; CHARLES EUGENE FRIEND, ET UX; DARRELL SOLE; ALLEN SMITH; WILL E. MORRIS TRUST; JERRY SHOEMAKER; MICHAEL W. SCHMIDT, ET UX; ACREAGE: 168.5  
 ROYALTY OWNER: Richard D. Pyles, et ux; Joseph L. Sitko, et ux (2); BRC Appalachian Minerals I, LLC (3) LEASE NO: ACREAGE: 14.06; 68.86; 71.52; 119; 100; 30; 45; 134

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,956' MD 6,532' TVD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313