

**Antero Resources  
Well No. McKean 2H**

Antero Resources Corporation



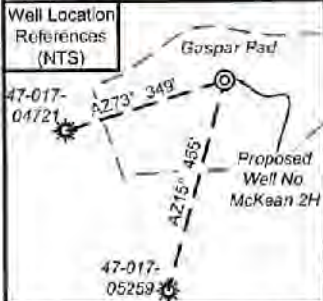
Sheet 1 of 2

8,856' to Bottom Hole

TOP HOLE LATITUDE 39 - 20 - 00  
BTM HOLE LATITUDE 39 - 17 - 30

**Notes**  
West Virginia Coordinate System of 1927, North Zone  
based upon Differential GPS Measurements.  
Well No. McKean Unit 2H Top Hole coordinates are  
N: 299,226.61' Latitude: 39°16'52.78"  
E: 1,642,752.07' Longitude: 80°45'45.64"  
Bottom Hole coordinates are  
N: 285,025.17' Latitude: 39°16'33.30"  
E: 1,649,081.84' Longitude: 80°44'22.61"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,351,731.939m N: 4,347,437.860m  
E: 520,473.863m E: 522,474.397m  
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 LONGITUDE 80 - 45 - 00  
BTM HOLE LONGITUDE 80 - 42 - 30  
5,737' to Bottom Hole  
6,801' to Top Hole



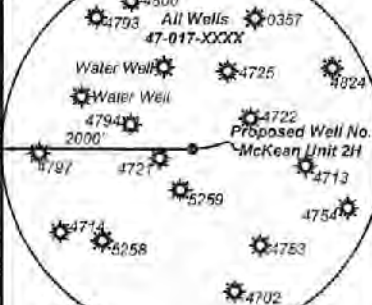
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection

Bradley D. Miller, P.S. 2167



SEAL

Note: 2 water well was 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 87°53' E	1,592.9'
L2	S 68°59' E	681.5'
L3	S 62°57' W	684.3'
L4	N 16°49' W	1,556.6'
L5	N 68°57' E	1,713.9'

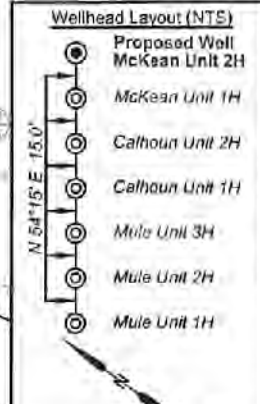
Legend

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

**Notes**  
Well No. McKean Unit 2H  
UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,276,592.23'  
E: 1,707,540.72'  
Point of Entry Coordinates  
N: 14,277,206.49'  
E: 1,709,140.14'  
Bottom Hole Coordinates  
N: 14,262,503.28'  
E: 1,714,104.13'

**Leases**

A	William A. Farr
B	James Lincoln Smith
C	William Ashburn Hairs
D	James R. Fraley, et ux
E	David Lipscomb
F	Charles A. McKinney
G	Robert W. Sponaugle
H	D.L. Dotson, et ux
I	Betty Lou Calhoun
J	Jackson V. Moffatt
K	Jim Spencer
L	William Franklin Willis
M	David E. Spongaule
N	Rossie & Eva Lowery
O	Franklin L. Butler & Key Oil Co.
P	WVDNR
Q	C.M. Tate, et ux
R	WV State Rail Authority
S	Grace Evelyn Bunner
T	Thomas L. Barnes, et ux
U	AMP Fund III, LP
V	Alton J. Childers, et al
W	Winnie J. Hackley
X	W.L. Davis, et ux



FILE NO: 46-30-WU-14  
DRAWING NO: McKean Unit 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: November 12 2021  
OPERATOR'S WELL NO. McKean Unit 2H  
API WELL NO  
47 - 017 - 06915  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: Existing: 1,216' Proposed: 1,189' Headwaters: Middle Island Creek QUADRANGLE: West Union BH: Smithburg  
DISTRICT: West Union Antero W.L. Davis, et ux; AMP Fund III, LP; Alton J. Childers, et ux; WVDNR COUNTY: Doddridge  
SURFACE OWNER: Midstream, LLC WV State Rail Authority; C.M. Tate, et ux; Grace Evelyn Bunner; ACREAGE: 45.8  
ROYALTY OWNER: William A. Farr; James Lincoln Smith; James R. Fraley, et ux; Charles A. McKinney; Robert W. Sponaugle; Betty Lou Calhoun; LEASE NO: ACREAGE: 40.37; 34,531.25;  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD 25,600' MD

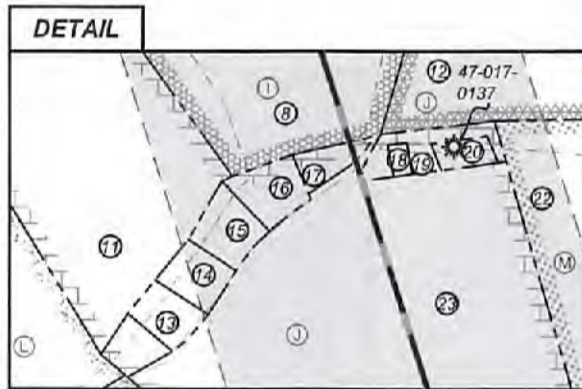
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313

**Antero Resources  
Well No. McKean 2H**

Antero Resources Corporation



ID	TM/Par	Owner	Bk/Pg	Acres
1	7-18.1	Antero Midstream, LLC	346/612	45.80
2	7-29	Sharon A. Gaspar	W113/242	182.67
3	7-18	Antero Midstream, LLC	387/708	116.54
4	7-12.1	James R. Fraley, Jr.	459/86	4.00
5	7-19	James R. Fraley, Jr.	459/86	2.80
6	8-53	Charter McKinney Heirs	69/311	13.00
7	8-24	Robert Sponaugle	248/81	13.00
8	8-31	Jacqueline D. & Gayford A. Cox	469/369	53.75
9	8-31.1	Jackson H. & Doris Todd Calhoun	365/647	41.92
10	8-25	Robert Bousman	282/129	15.14
11	8-40	Spencer Enterprise, LLC	261/512	11.06
12	8-48	James B. Lambert	152/384	20.15
13	8-40.4	Kristen Thomas	362/507	0.81
14	8-40.3	Jonathan M. Johnson	305/616	0.48
15	8-40.2	Sharon K. & Robert W. Sponaugle	W37/387	0.56
16	8-40.1	Melanie A. & Benjamin M. Blair	330/195	0.56
17	8-45.1	Jeffery K. II & Brenda L. Carder	364/431	0.33
18	8-44	Wesleyan Methodist Church	30/249	0.05
19	8-46	Rock Run Allegheny Wesleyan Church	167/46	0.66
20	8-47	David E. & Amy Jo Sponaugle	440/479	0.25
21	8-49	David E. & Amy Jo Sponaugle	233/220	14.33
22	8-45	Tensil D. Davis	312/177	20.89
23	12-4	Sharon E. Walker & Ronald J. Burns	259/365	18.70
24	12-6	Rossie & Eva Lowery, et al	258/336	15.30
25	12-7	Harold F. Robinson, et al	196/331	26.00
26	12-23	Rossie & Eva Lowery	258/336	14.63
27	12-24	Harold F. Robinson, et al	196/331	0.75
28	12-101	WV Railroad Maintenance Authority	216/166	11.30
29	12-103	Barnes Siblings Property, LLC	471/545	43.11
30	12-51	Key Oil Co., et al	259/283	43.70
31	12-64	Frank L. Butler, et al	259/275	34.13
32	12-64.2	Frank L. Butler, et al	259/275	0.55
33	12-65	James T. & Claire A. Robinson, et al	436/695	10.86
34	12-72	James T. & Claire A. Robinson, et al	436/695	35.96
35	12-72.10	Doddridge County Board of Education	214/427	18.45
36	12-72.4	Doddridge County 4-H Association	162/441	44.30
37	12-72.14	Doddridge County Board of Education	222/599	10.38
38	12-72.11	Doddridge County Board of Education	214/383	3.03
39	16-72.1	William H Knisely, III	244/117	27.27
40	16-21	Dustin Underwood & Matthew Semer	309/252	27.27
41	16-3	Marie E. Gassaway	249/661	10.00
42	16-22	William H Knisely, III	247/201	27.27
43	16-7	Doddridge County Park & Recreation	304/437	179.23
44	16-17	I.L. Morris	230/307	108.59



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 DISTRICT: West Union Antero COUNTY: Doddridge  
 SURFACE OWNER: Midstream, LLC W.L. Davis, et ux; AMP Fund III, LP; Alton J. Childers, et ux; WVDNR  
 JACKSON V. MOFFAT; FRANKLIN L. BUTLER & KEY OIL CO.; ROSSIE & EVA LOWERY; CHARLES A. MCKINNEY; ROBERT W. SPONAUIGLE; BETTY LOU CALHOUN; LEASE NO: \_\_\_\_\_ ACREAGE: 45.8  
 ROYALTY OWNER: William A. Farr; James Lincoln Smith; James R. Fraley, et ux; ACREAGE: 40.37; 34.53125;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD  
25,600' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
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Sheet 1 of 2

8,856' to Bottom Hole

3,587' to Top Hole

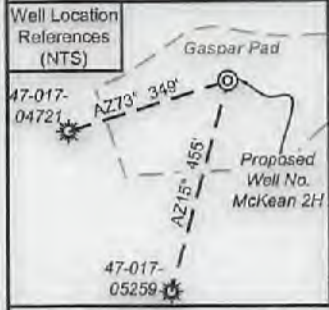
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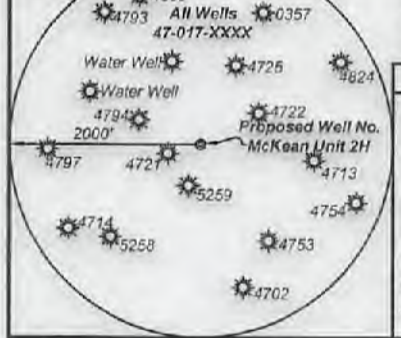


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Bradley D. Miller, P.S. 2167



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L4 N 16°49' W	1,556.6'
L5 N 69°57' E	1,713.9'

- Legend**
- ⊙ Proposed gas well
  - ⊗ Monument, as noted
  - ⊛ Existing Well, as noted
  - ⊙ Digitized Well, as noted
  - Creek or Drain
  - Road
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**Notes**  
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FILE NO: 46-30-WU-14  
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PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: November 12 2021  
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API WELL NO  
47 - 017 - 06915  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing: 1,216' Proposed: 1,185' WATERSHED: Middle Island Creek QUADRANGLE: TH: West Union BH: Smithburg  
DISTRICT: West Union Antero COUNTY: Doddridge  
SURFACE OWNER: Midstream, LLC W.L. Davis, et ux; AMP Fund III, LP; Alton J. Childers, et ux; WVDNR; WV State Rail Authority; C.M. Tate, et ux; Grace Evelyn Bunner; Jackson V. Moffatt; Franklin L. Butler & Key Oil Co.; Rossie & Eva Lowery; Charles A. McKinney; Robert W. Sponaugle; Betty Lou Calhoun; ACRES: 45.8  
ROYALTY OWNER: William A. Farr; James Lincoln Smith; James R. Fraley, et ux; LEASE NO: ACRES: 40.37; 34.53125;

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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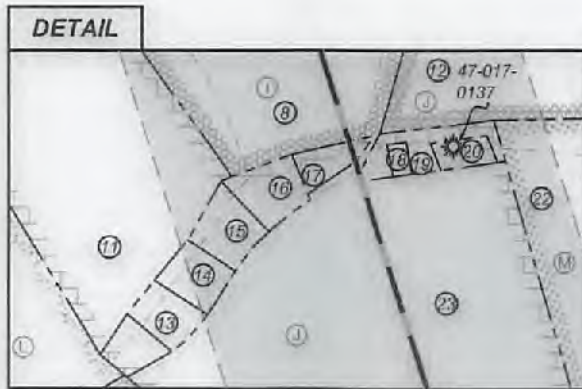
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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

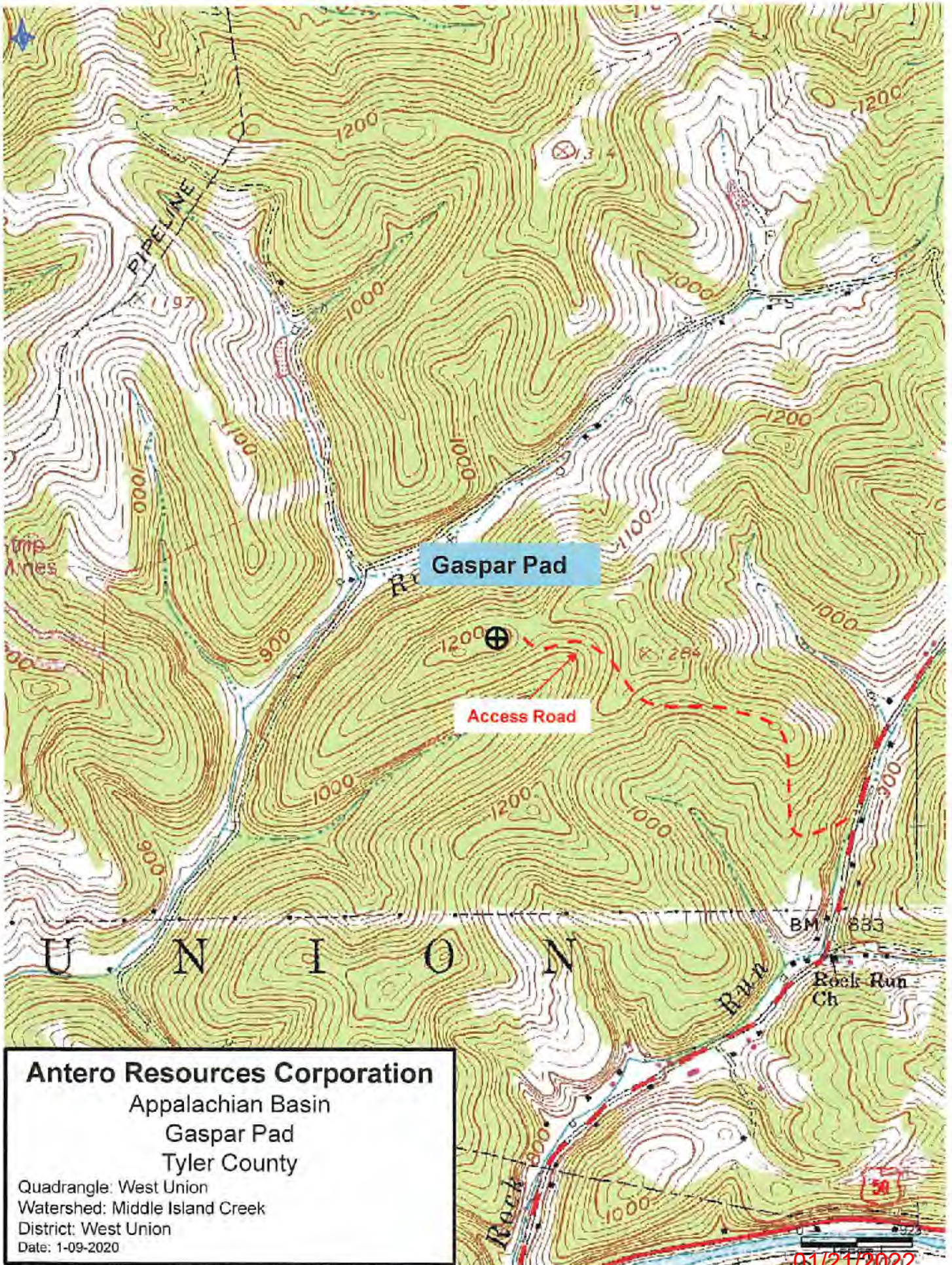
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MINIMUM DEGREE OF ACCURACY:  
Submeter  
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WVDOT, Harrisville, WV

DATE: November 12 20 21  
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01/21/2022