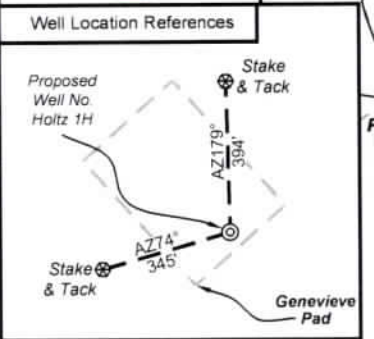


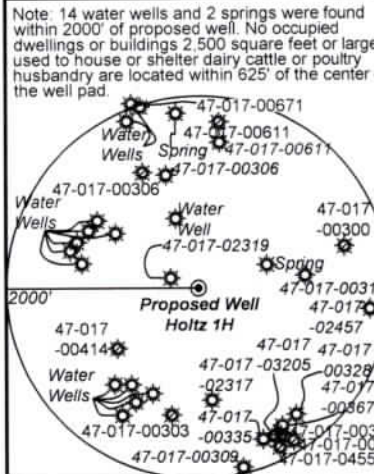
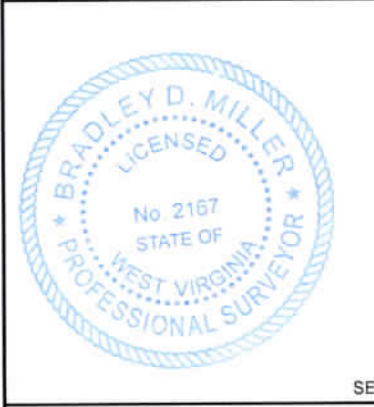
**Antero Resources**  
Well No. Holtz 1H



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



	Bearing	Dist.
L1	S 75°52' E	1,220.9'
L2	S 41°17' E	1,816.5'
L3	S 78°28' W	1,081.7'
L4	N 33°44' E	1,540.8'
L5	N 67°12' E	1,301.2'

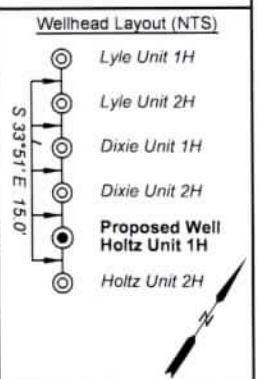
- Legend
- Proposed gas well
  - ⊗ Monument, as noted
  - ⊙ Existing Well, as noted
  - ⊙ Digitized Well, as noted
  - Creek or Drain
  - Road
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)
  - County Line

9,007' to Top Hole

4,907' 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. Holtz Unit 1H Top Hole coordinates are  
N: 295,227.12' Latitude: 39°18'12.49"  
E: 1,637,275.82' Longitude: 80°46'54.58"  
Bottom Hole coordinates are  
N: 286,652.24' Latitude: 39°16'48.30"  
E: 1,641,254.79' Longitude: 80°46'02.43"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,350,485.612m N: 4,347,893.517m  
E: 518,825.849m E: 520,081.613m  
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. Holtz Unit 1H  
UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,272,503.39'  
E: 1,702,133.84'  
Point of Entry Coordinates  
N: 14,273,027.33'  
E: 1,703,324.43'  
Bottom Hole Coordinates  
N: 14,263,999.07'  
E: 1,706,253.82'



FILE NO: 57-30-WU-14  
DRAWING NO: Holtz Unit 1H Well Plat  
SCALE: 1" = 1500'  
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: October 10 2023  
OPERATOR'S WELL NO. Holtz Unit 1H  
API WELL NO  
47 - 017 - D6962  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built: 886' WATERSHED: Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union Antero COUNTY: Doddridge  
SURFACE OWNER: Resources Corp. ACREAGE: 16.5  
ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: ACREAGE: 90

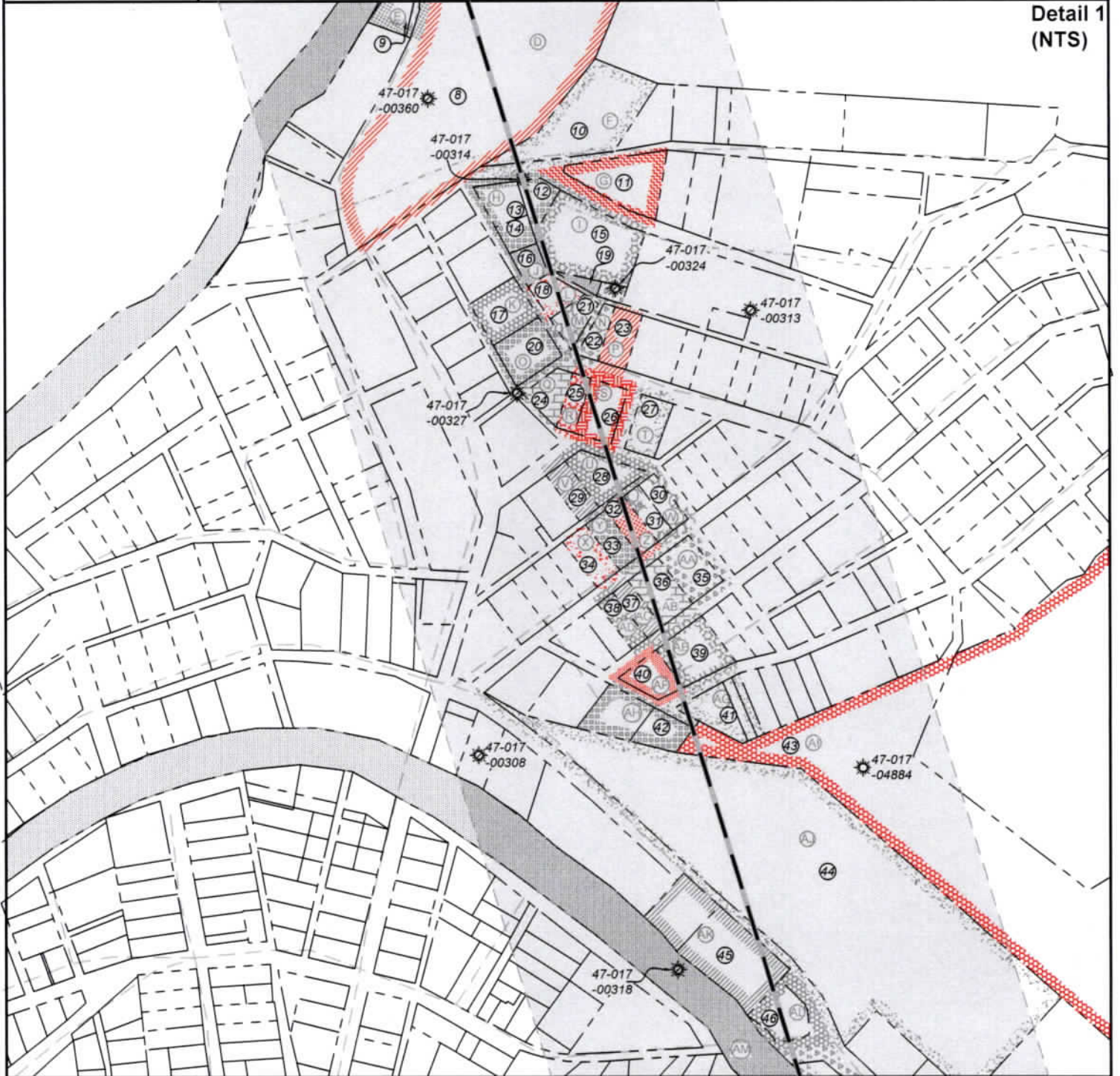
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,000' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,900' MD

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

LONGITUDE 80 - 45 - 00  
4,224' to Bottom Hole  
10,878' to Top Hole



Detail 1  
(NTS)



FILE NO: 57-30-WU-14  
DRAWING NO: Holtz Unit 1H Well Plat  
SCALE: 1" = 1500'  
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: October 10 2023  
OPERATOR'S WELL NO. Holtz Unit 1H  
API WELL NO  
47 - 017 - 01962  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built: 886' WATERSHED: Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union Antero COUNTY: Doddridge  
SURFACE OWNER: Resources Corp. ACREAGE: 16.5  
ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: ACREAGE: 90

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,000' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,900' 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

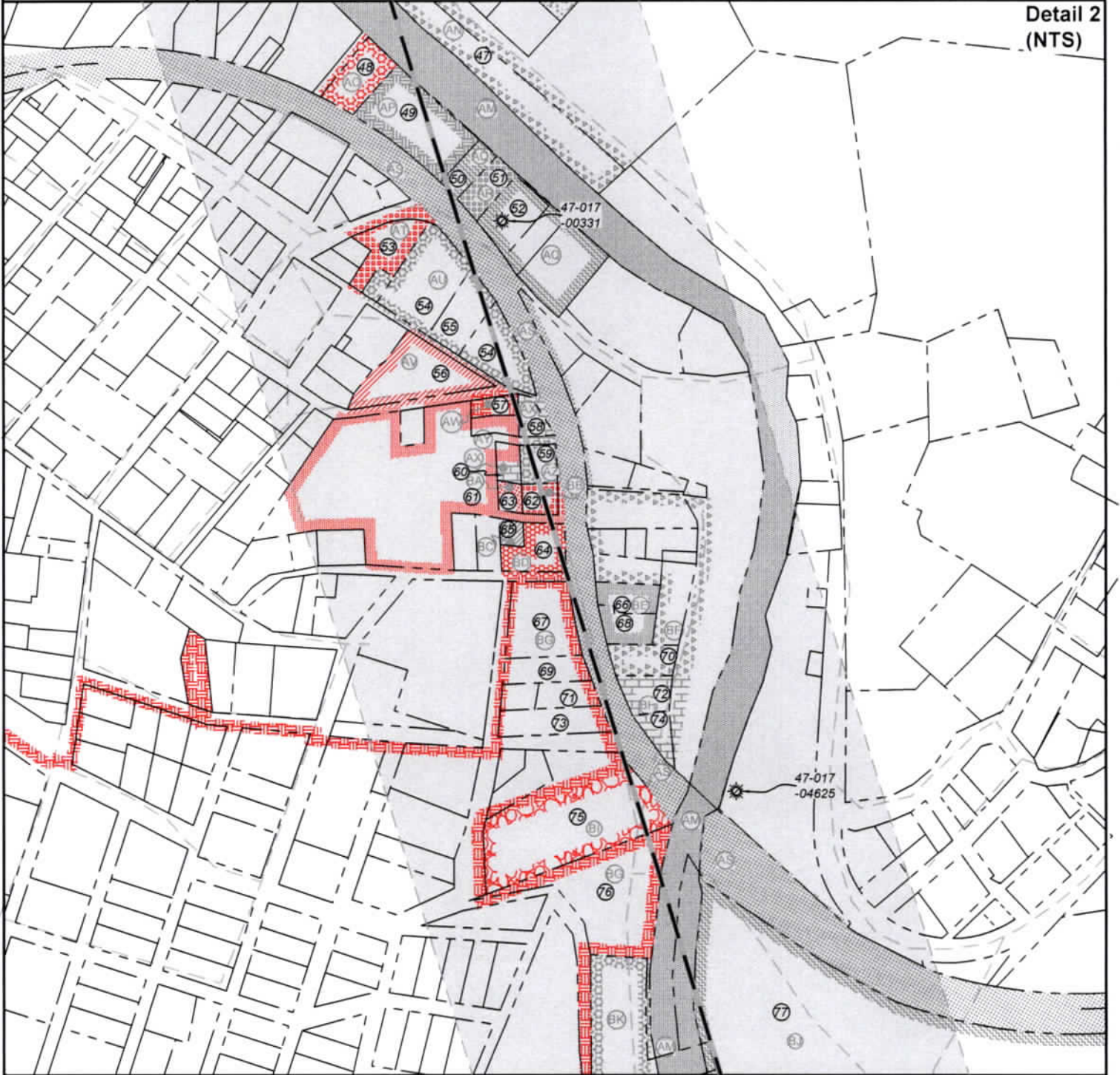
Antero Resources  
Well No. Holtz 1H

Sheet 3 of 4

Antero Resources Corporation



Detail 2  
(NTS)



FILE NO: 57-30-WU-14  
DRAWING NO: Holtz Unit 1H Well Plat  
SCALE: 1" = 1500'  
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: October 10 2023  
OPERATOR'S WELL NO. Holtz Unit 1H  
API WELL NO  
47 - 017 - 06962  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built: 886' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union Antero COUNTY: Doddridge  
SURFACE OWNER: Resources Corp. ACREAGE: 16.5  
ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: \_\_\_\_\_ ACREAGE: \_\_\_\_\_ 90

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,000' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,900' 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

Antero Resources Corporation



Leases	
A	Claude F. Smith, et ux
B	G. Frank Ash, et al
C	Harnet M. Jarvis, et al
D	Lawrence G. Maxson
E	Fred Miracle
F	Charles E. Maxson
G	Harry Grant & Joellen I. Trent
H	Evon K. Allen & George T. Ball
I	Patsy P. Zeigler
J	Alan D. Bunting
K	Nancy E. Dotson
L	Kendra L. Mascaro
M	Helen Moore
N	Carol N. Fox
O	Roy L. & Dora J. Porter
P	Pooled Tract
Q	Araiza Revival Ministries, Inc.
R	Pooled Tract
S	Pooled Tract
T	Angela Hope McClain Special Needs Trust
U	Joseph D. & Doris A. Pauley
V	James Edward Ross

Leases	
W	Carrie A. Booher Beaver
X	Theresa Louise Bright
Y	Bradford & Nancy Crouse
Z	Pooled Tract
AA	Colby W. & Stasha Jett
AB	Barry L. & Barbara J. Riffle
AC	Clinton D. Means, et ux
AD	Debra J. Boyce
AE	Jacqueline S. Bonnelli
AF	Lya Burgess
AG	Jacqueline Burgess
AH	Joe E. & Melissa A. Cross
AI	Earnest Spence Shannon, et al
AJ	Phillip D. McGill Jr.
AK	Mark A. McGill
AL	Frank E. McGill
AM	WVDNR
AN	Roy A. Myers
AO	Pooled Tract
AP	William Leo Tarbet
AQ	Doddridge Land Development Corp
AR	L. Donald Cinci III

Leases	
AS	WV State Rail Authority
AT	Pooled Tract
AU	Lorraine L. Bnsell
AV	Steven R. Chipps, et ux
AW	Richard G. Robinson Living Trust
AX	Velva B. Jacobs
AY	Pooled Tract
AZ	Jerry L. Six
BA	Velva B. Jacobs
BB	Pooled Tract
BC	June Reed
BD	Pooled Tract
BE	Denver & Linda Burnside
BF	Charles Jr. & Barbara L. Wellings
BG	Mary A. Stuart, et al
BH	Tamela B. & Robert Beamer
BI	Pooled Tract
BJ	Timothy C. Phillips
BK	WV Department of Highways
BL	Michael W. McGuane
BM	Michael W. McGuane
BN	Joseph Cheuront & W.S. Stuart

ID	TM-Par	Owner	Bk/Pg	Acres
1	11-3	Antero Resources Corp.	431/528	16.50
2	11-4	Paul D. & Sharon K. Weekley	186/743	17.30
3	7-26	Barbara Jean Travis & Sharon K. Weekley	WB62/674	61.46
4	7-28	Barbara Jean Travis & Sharon K. Weekley	WB62/674	14.50
5	11-5	Barbara Jean Travis & Sharon K. Weekley	WB62/674	2.19
6	11-4.1	Mary Lou Holland	286/313	9.55
7	11-6.2	Charles E. Maxson	278/454	2.03
8	11-6	Charles E. Maxson	278/454	18.40
9	11-97	Fred Miracle	252/659	0.22
10	1-158	Charles E. Maxson	196/671	0.50
11	1-8.1	H. Grant & Joellen I. Trent	186/523	0.35
12	1-27	Evon Kathleen Allen & George Thomas Ball	257/187	0.12
13	1-22	Evon K. Allen	AP28/304	0.16
14	1-24	Evon K. Allen & George Thomas Ball	246/369	0.10
15	1-27.1	Patsy P. Zeigler	193/805	0.54
16	1-24.1	Ruthie Bunting	387/142	0.09
17	1-71	Marvin D. & Nancy Dotson	WB65/80	0.24
18	1-25	Ruthie Bunting	387/142	0.10
19	1-23	Ruthie Bunting	387/142	0.10
20	1-72	Roy Lee & Dora Jean Porter	295/317	0.25
21	1-26	Helen Moore	247/143	0.13
22	1-28	Carol N. Fox	257/176	0.10
23	1-29	Brian Keith McCloy	372/116	0.17
24	1-73	Webb & Son Holdings LLC	480/192	0.15
25	1-75	Joe D. & Doris A. Pauley	474/196	0.11
26	1-76	Joe D. & Doris A. Pauley	474/196	0.22
27	1-77	Angela Hope McClain Special Needs Trust	WB39/583	0.19
28	1-78	Joseph D. Pauley	287/001	0.25
29	1-79	James Edward Ross	273/680	0.14
30	1-88	Carrie A. Booher	303/176	0.11
31	1-86	Carrie A. Booher	303/176	0.11
32	1-84	Tabitha J. L. & Anthony R. Smith	284/704	0.14
33	1-82	Bradford & Nancy Crouse	171/459	0.14
34	1-81	Alice T. Rieke	AP29/38	0.17
35	1-85	Colby W. Jett & Stasha A. Moran	376/422	0.22
36	1-83	Berry L. & Barbara J. Riffle	311/109	0.22
37	1-129.1	Jesse Aaron Hileman	430/634	0.11
38	1-129	Debra J. Boyce	260/69	0.11
39	1-97	Jacqueline S. Bonnelli	WB76/674	0.30

ID	TM-Par	Owner	Bk/Pg	Acres
40	1-130	William E. Thompson	511/186	0.17
41	1-132	Lya Burgess	AP57/201	0.24
42	1-131	Joe E. & Melissa A. Cross	223/684	0.15
43	11-23	Justin E. & Melissa Ann Holtz	342/354	23.77
44	1-151	Francis John Noll	288/86	3.75
45	3-62	Francis John Noll	288/86	0.43
46	3-62.1	Travis Auto Parts	190/743	0.11
47	3-311	Randall L. Bonnelli & Loeta F. Riddle	455/145	1.43
48	3-98	Harvey S. Randolph	AP35/521	0.30
49	3-99	Delgreta Lee Tarbet	WB34/568	0.79
50	3-99.1	Edward Jett	253/355	0.16
51	3-100	Edward Jett	253/355	0.21
52	3-307	Edward Jett	253/355	0.35
53	3-158	Robert L. Holland	154/659	---
54	3-159	Lorraine L. Brisell	236/169	1.98
55	3-159.1	Lorraine L. Brisell	236/169	0.28
56	3-226	Steven R. Chipps & Nathaniel A. Hoskinson	389/117	0.60
57	4-58.1	Vance L. Underwood & Velva Blanch Jacobs	302/273	0.09
58	4-58	Velva B. Jacobs	373/375	0.12
59	4-60	Velva B. Jacobs	373/375	0.14
60	4-59	Velva B. Jacobs	373/375	0.07
61	4-64	Robert L. Holland	163/143	2.50
62	4-62	Brian N. & Verose L. Mason	362/57	0.11
63	4-61	Velva B. Jacobs	278/457	0.09
64	4-66	Michael & Candice Gamache	262/724	0.28
65	4-63	June Reed, et al	AB50/239	0.06
66	4-67	Webb & Son Holdings LLC	427/719	0.17
67	4-66.1	Michael & Candice Gamache	262/724	0.60
68	4-67.1	Webb & Son Holdings LLC	427/719	0.17
69	4-72.1	Smith Family Revocable Living Trust	446/512	0.28
70	4-68	Charles & Barbara L. Wellings	295/88	0.21
71	4-71	Norma S. Bowyer	318/625	0.15
72	4-69	Robert L. & Tamera B. Beamer	283/709	0.19
73	4-72	Smith Family Revocable Living Trust	446/512	0.53
74	4-70	Robert L. & Tamera B. Beamer	283/709	0.14
75	4-91	James L. McAfee	WB55/71	0.50
76	11-72	James L. McAfee	WB55/71	12.58
77	11-77	Board of Education	94/229	10.26
78	15-4	E. Properties LTD	201/396	115.03

FILE NO: 57-30-WU-14  
DRAWING NO: Holtz Unit 1H Well Plat  
SCALE: 1" = 1500'  
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: October 10 2023  
OPERATOR'S WELL NO: Holtz Unit 1H  
API WELL NO  
47 - 017 - 06962  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: As-Built: 886' WATERSHED: Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union Antero COUNTY: Doddridge  
SURFACE OWNER: Resources Corp. ACREAGE: 16.5  
ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: ACREAGE: 90  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,000' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,900' 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