

1,576' to Top Hole

6,487' to Bottom Hole

LATITUDE 39 - 35 - 00

LONGITUDE 80 - 45 - 00

12,173' to Top Hole

Sheet 1 of 2

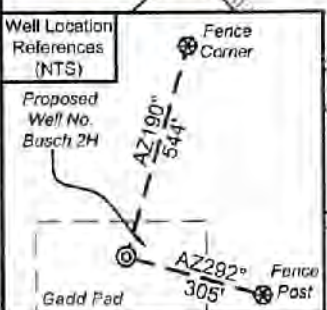
Antero Resources
Well No. Busch 2H
BHL MOD
Antero Resources Corporation



Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Busch Unit 2H Top Hole coordinates are
N: 364,874.34' Latitude: 39°32'58.66"
E: 1,645,954.82' Longitude: 80°45'20.12"
Bottom Hole coordinates are
N: 395,712.41' Latitude: 39°34'46.13"
E: 1,641,194.37' Longitude: 80°46'22.85"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,377,841.250m N: 4,381,118.906m
E: 521,014.406m E: 519,509.109m
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. Busch Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,362,252.18'
E: 1,709,313.37'
Point of Entry Coordinates
N: 14,362,033.77'
E: 1,708,185.00'
Bottom Hole Coordinates
N: 14,373,005.66'
E: 1,704,374.33'

Bearing	Dist.
L1 S 40°24' E	2,558.7'
L2 S 45°58' W	1,544.6'
L3 N 65°48' W	1,021.4'
L4 N 40°19' W	855.7'
L5 S 80°00' W	1,149.7'

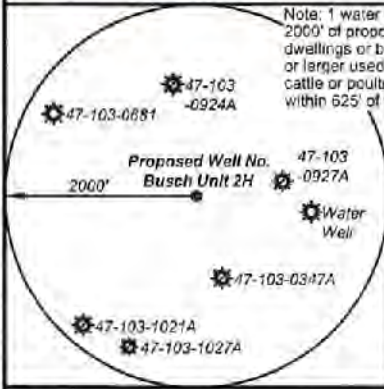


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

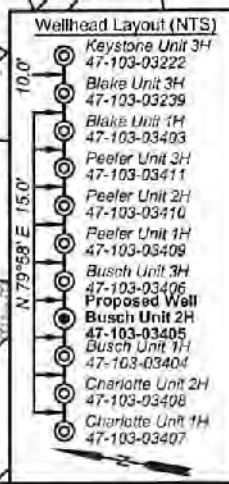
Bradley D. Miller
Bradley D. Miller, P.S. 2167



Note: 1 water well 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.



- 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.)
 - Railroad



FILE NO: 235-34-G-17
DRAWING NO: Busch 2H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

DATE: July 19 20 21
OPERATOR'S WELL NO. Busch Unit 2H
API WELL NO MOD
47 - 103 - 03405
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls

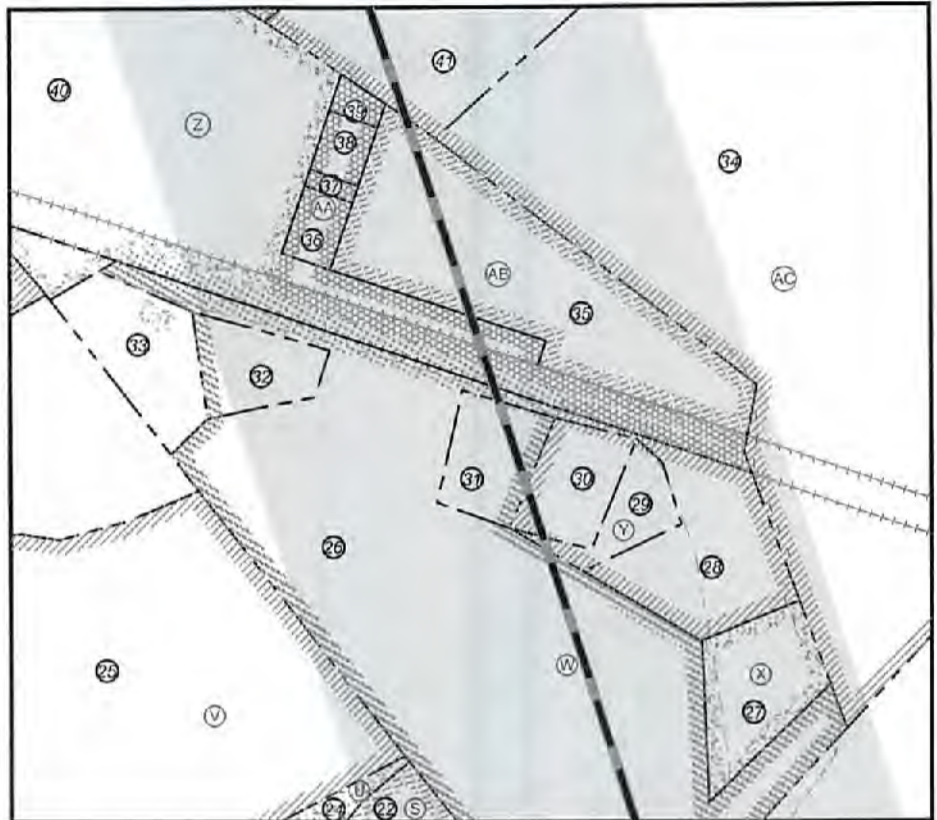
DISTRICT: Green William L. & Raymond P. Gaston, et ux (2); Richard Resources; WVDNR; Robert D. Loy, et ux; COUNTY: Wayne 08/06/2021
SURFACE OWNER: Delores J. Gadd Richard B. Dallison, et ux; Ridgeloop Royalties, LLC; Thomas E. Morris; ACREAGE: 60.5 2,568.75; 51.07;
ROYALTY OWNER: Shlben Estates, Inc.; Mildred Caseman; Bounty Minerals, LLC; LEASE NO: ACREAGE: 60.5; 119.03125; Gladys E. Conley Trust; Sielger Family Trust; Lee & Hall Royalties; 20.06; 66.5; 13;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD
21,100' 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



Leases	
A	Shiben Estates, Inc.
B	John W. Bertram
C	BRC Appalachian Minerals I LLC
D	David A. Dickey
E	Sandra Rose Conley
F	Gladys E. Conley Trust
G	Mildred Caseman
H	Sielger Family Trust
I	Chesapeake Appalachia, LLC
J	Thomas E. Morris
K	Donald E. Dawson, et ux
L	Lee & Hall Royalties
M	Bradley Warren Ueltschy
N	Shiben Estates, Inc.
O	WV Division of Natural Resources
P	Richard B. Dallison, et ux
Q	Donald VanDyke
R	Paul H. Abel
S	Ridgetop Royalties, LLC
T	Rita Cain Sherman
U	Ridgetop Royalties, LLC
V	Leslie A. Lively
W	Bounty Minerals, LLC
X	Benita K. & Jerome E. Staley, II
Y	Raymond P. Gaston, et ux
Z	Antero Minerals
AA	Robert D. Loy, et ux
AB	Raymond P. Gaston, et ux
AC	Richards Resources
AD	David E. Bowyer
AE	WV Division of Natural Resources
AF	SanDoe Nieboer Stadley



ID	TM/Par	Owner	Bk/Pg	Acres	ID	TM/Par	Owner	Bk/Pg	Acres
1	16-22	William L. & Delores J. Gadd	348/169	60.50	23	12-31	Bruce Allen Lawhorne, et al	419/878	40.00
2	16-23	Kenneth E. Butler	331/110	50.97	24	12-27	Martin E. Rogers	363/413	3.08
3	16-31	William L. & Delores J. Gadd	348/169	2.65	25	12-18	Leslie A. Lively	387/229	39.63
4	16-30	William L. & Delores J. Gadd	348/169	14.00	26	12-20.1	Jerome E. II & Benita K. Staley	415/329	13.34
5	16-47	William M. Greenawalt & Lee A. Niezgod	387/1	12.00	27	12-29	Jerome E. II & Benita K. Staley	415/329	1.50
6	16-39	Silas & William A. Tennant	WB27/97	23.30	28	12-28	Jerome E. II & Benita K. Staley	415/329	2.05
7	16-38	Silas Tennant	137/85	15.50	29	12-22.1	Donnie L. Arnett	440/892	0.56
8	16-21	Mildred E. Caseman	WB45/396	40.00	30	12-22	Donnie L. Arnett	440/892	0.87
9	16-21.2	Mildred E. Caseman	WB45/396	20.06	31	12-21	Tammy J. Ueltschy	370/707	0.90
10	16-21.3	Mildred E. Caseman	WB45/396	12.00	32	12-20	Bonnie Ueltschy	WB70/248	0.75
11	16-9	Richard A. & Susan L. Gardner	341/281	66.50	33	12-19	Beulah I. Snider	WB45/396	1.3
12	16-8	Wilbur B. Dawson & Loretta P. Ueltschy	408/192	75.75	34	12-11	Timothy L. & Michael A. McDiffitt	385/189	131.34
13	16-21.4	Mildred E. Caseman	WB45/396	1.00	35	12-10	Charles & Wilda Lee Loy	299/009	4.85
14	16-3.1	Donald E. & Carolyn L. Dawson	332/114	10.00	36	12-6	Robert D. & Catherine M. Loy	357/199	0.08
15	12-55	Bradley W. Ueltschy	330/37	100.00	37	12-7	Robert D. & Catherine M. Loy	357/199	0.33
16	12-49	John W. & Rosalie M. Ueltschy	362/403	86.55	38	12-3	Robert D. & Catherine M. Loy	357/199	0.27
17	12-41	Robert W. & Bradley W. Ueltschy	341/261	29.00	39	12-9	Robert D. & Catherine M. Loy	357/199	0.16
18	13-27	Donald P. Vandyke & Mark L. Vandyke	410/241	123.80	40	12-5	Columbia Gas Trans Corp.	263/164	11.70
19	12-42	Donald P. Vandyke & Mark L. Vandyke	410/241	29.65	41	12-11.1	Timothy L. & Tammy D. McDiffitt	431/388	6.66
20	12-50	Richard B. & Jaynee C. Dallison	399/286	37.00	42	12-4	Easterling Trust	446/376	7.16
21	12-39	Martin E. Rogers	421/621	60.00	43	7-53	Easterling Trust	446/376	32.98
22	12-30	Martin E. Rogers	363/413	51.08	44	7-54	James Ronald Long	283/207	10.00

FILE NO: 235-34-G-17
 DRAWING NO: Busch 2H Well Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 CORS, Monroe County, OH



DATE: July 19 2021
 OPERATOR'S WELL NO. Busch Unit 2H
 API WELL NO **1109**
 47 - 103 - 03405
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls
 DISTRICT: Green William L. & Raymond P. Gaston, et ux (2); Richard Resources; WVDNR; Robert D. Loy, et ux; COUNTY: **WV**
 SURFACE OWNER: Delores J. Gadd Richard B. Dallison, et ux; Ridgetop Royalties, LLC; Thomas E. Morris; ACREAGE: 60.5
 ROYALTY OWNER: Shiben Estates, Inc.; Mildred Caseman; Bounty Minerals, LLC; LEASE NO: ACREAGE: 60.5; 119.03125;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD
 21,100' 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

1,576' to Top Hole

6,487' to Bottom Hole

LATITUDE 39 - 35 - 00

LONGITUDE 80 - 45 - 00

12,173' to Top Hole

Sheet 1 of 2

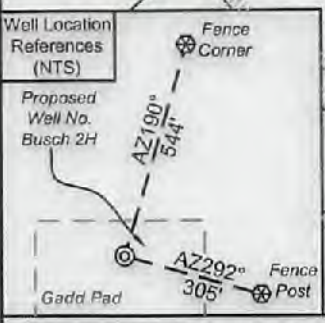
Antero Resources
Well No. Busch 2H
BHL MOD
Antero Resources Corporation



Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Busch Unit 2H Top Hole coordinates are
N: 384,874.34' Latitude: 39°32'59.66"
E: 1,645,954.82' Longitude: 80°45'20.12"
Bottom Hole coordinates are
N: 395,712.41' Latitude: 39°34'46.13"
E: 1,641,194.37' Longitude: 80°46'22.85"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,377,841.250m N: 4,381,118.906m
E: 521,014.406m E: 519,509.109m
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. Busch Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,362,252.18'
E: 1,709,313.37'
Point of Entry Coordinates
N: 14,362,033.77'
E: 1,708,185.00'
Bottom Hole Coordinates
N: 14,373,005.66'
E: 1,704,374.33'

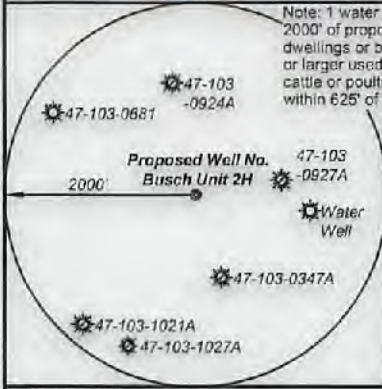
Bearing	Dist.
L1 S 40°24' E	2,558.7'
L2 S 45°58' W	1,544.6'
L3 N 65°48' W	1,021.4'
L4 N 40°19' W	855.7'
L5 S 80°00' W	1,149.7'



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.

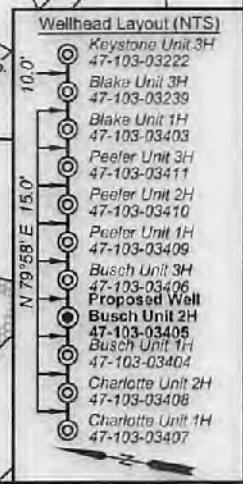
Bradley D. Miller

Bradley D. Miller, P.S. 2167



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.)
- Railroad



FILE NO: 235-34-G-17
DRAWING NO: Busch 2H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

DATE: July 19 20 21
OPERATOR'S WELL NO. Busch Unit 2H
API WELL NO MOD
47 - 103 - 03405
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,223.6' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls

DISTRICT: Green William L. & Raymond P. Gaston, et ux (2); Richard Resources; WVDNR; Robert D. Loy, et ux; COUNTY: Wayne 08/06/2021 13798;
SURFACE OWNER: Delores J. Gadd Richard B. Dallison, et ux; Ridgato Royalties, LLC; Thomas E. Morris; ACREAGE: 60.5 2,56875; 51.07;
ROYALTY OWNER: Shiben Estates, Inc.; Mildred Caseman; Bounty Minerals, LLC; LEASE NO: ACREAGE: 60.5; 118.03125;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD 20.06; 66.5; 13; 21,100' MD

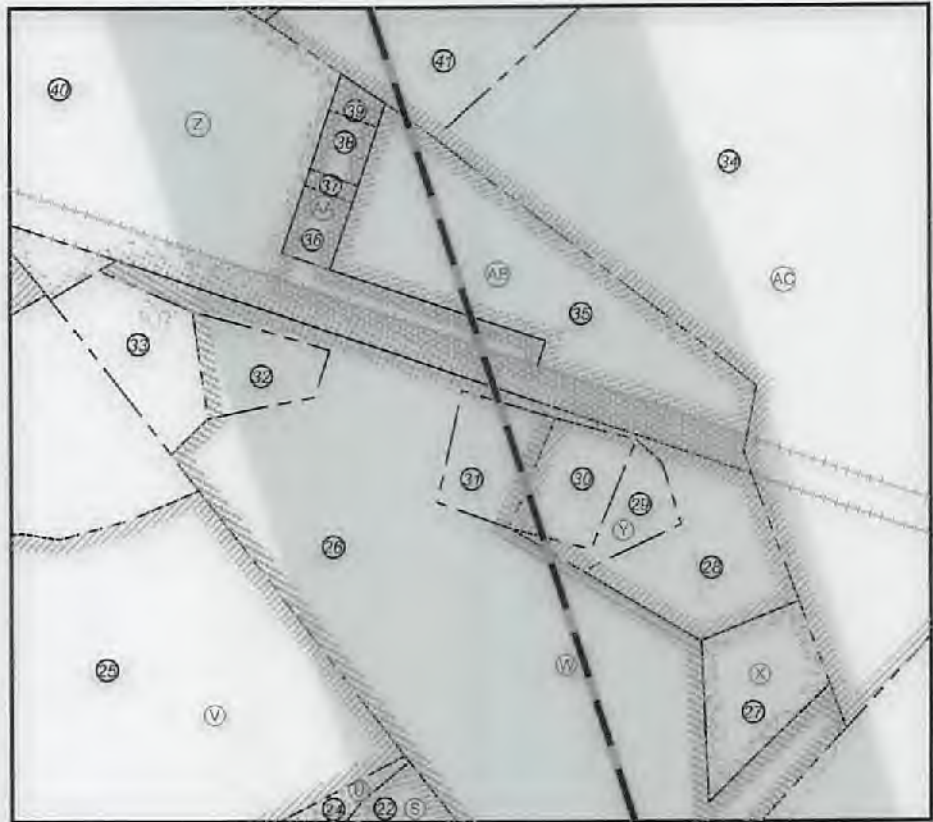
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

Antero Resources
Well No. Busch 2H
BHL MOD
 Antero Resources Corporation

Sheet 2 of 2



Leases	
A	Shiben Estates, Inc.
B	John W. Bertram
C	BRC Appalachian Minerals I LLC
D	David A. Dickey
E	Sandra Rose Conley
F	Gladys E. Conley Trust
G	Mildred Caseman
H	Stelger Family Trust
I	Chesapeake Appalachia, LLC
J	Thomas E. Morris
K	Donald E. Dawson, et ux
L	Lee & Hall Royalties
M	Bradley Warren Ueltschy
N	Shiben Estates, Inc.
O	WV Division of Natural Resources
P	Richard B. Dallison, et ux
Q	Donald VanDyke
R	Paul H. Abel
S	Ridgetop Royalties, LLC
T	Rita Cain Sherman
U	Ridgetop Royalties, LLC
V	Leslie A. Lively
W	Bounty Minerals, LLC
X	Benita K. & Jerome E. Staley, II
Y	Raymond P. Gaston, et ux
Z	Antero Minerals
AA	Robert D. Loy, et ux
AB	Raymond P. Gaston, et ux
AC	Richards Resources
AD	David E. Bowyer
AE	WV Division of Natural Resources
AF	SanDee Nieboer Stadley



ID	TM/Par	Owner	Bk/Pg	Acres	ID	TM/Par	Owner	Bk/Pg	Acres
1	16-22	William L. & Delores J. Gadd	348/169	60.50	23	12-31	Bruce Allen Lawhorne, et al	419/878	40.00
2	16-23	Kenneth E. Butler	331/110	50.97	24	12-27	Martin E. Rogers	363/413	3.08
3	16-31	William L. & Delores J. Gadd	348/169	2.65	25	12-18	Leslie A. Lively	387/229	39.63
4	16-30	William L. & Delores J. Gadd	348/169	14.00	26	12-20.1	Jerome E. II & Benita K. Staley	415/329	13.34
5	16-47	Willem M. Greenawalt & Lee A. Niezgoda	387/1	12.00	27	12-29	Jerome E. II & Benita K. Staley	415/329	1.50
6	16-39	Silas & William A. Tennant	WB27/97	23.30	28	12-28	Jerome E. II & Benita K. Staley	415/329	2.05
7	16-38	Silas Tennant	137/85	15.50	29	12-22.1	Donnie L. Arnett	440/892	0.55
8	16-21	Mildred E. Caseman	WB45/396	40.00	30	12-22	Donnie L. Arnett	440/892	0.87
9	16-21.2	Mildred E. Caseman	WB45/396	20.06	31	12-21	Tammy J. Ueltschy	370/707	0.90
10	16-21.3	Mildred E. Caseman	WB45/396	12.00	32	12-20	Bonnie Ueltschy	WB70/248	0.75
11	16-9	Richard A. & Susan L. Gardner	341/281	66.50	33	12-19	Beulah I. Snider	WB45/396	1.3
12	16-6	Wilbur B. Dawson & Loretta P. Ueltschy	408/192	75.75	34	12-11	Timothy L. & Michael A. McDifflitt	385/189	131.34
13	16-21.4	Mildred E. Caseman	WB45/396	1.00	35	12-10	Charles & Wilda Lee Loy	299/009	4.65
14	16-3.1	Donald E. & Carolyn L. Dawson	332/114	10.00	36	12-6	Robert D. & Catherine M. Loy	357/199	0.08
15	12-55	Bradley W. Ueltschy	330/37	100.00	37	12-7	Robert D. & Catherine M. Loy	357/199	0.33
16	12-49	John W. & Rosalie M. Ueltschey	362/403	86.55	38	12-8	Robert D. & Catherine M. Loy	357/199	0.27
17	12-41	Robert W. & Bradley W. Ueltschy	341/261	29.00	39	12-9	Robert D. & Catherine M. Loy	357/199	0.16
18	13-27	Donald P. Vandyke & Mark L. Vandyke	410/241	123.80	40	12-5	Columbia Gas Trans Corp.	263/164	11.70
19	12-42	Donald P. Vandyke & Mark L. Vandyke	410/241	29.65	41	12-11.1	Timothy L. & Tammy D. McDifflitt	431/389	6.66
20	12-50	Richard B. & Jaynee C. Dallison	399/288	37.00	42	12-4	Easterling Trust	446/376	7.16
21	12-39	Martin E. Rogers	421/621	60.00	43	7-53	Easterling Trust	446/376	32.98
22	12-30	Martin E. Rogers	363/413	51.08	44	7-54	James Ronald Long	283/207	10.00

FILE NO: 235-34-G-17

DRAWING NO: Busch 2H Well Plat

SCALE: 1" = 1500'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
CORS, Monroe County, OH

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

DATE: July 19 20 21

OPERATOR'S WELL NO. Busch Unit 2H

API WELL NO **1100**

47 - 103 - 03405
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls

DISTRICT: Green William L. & Raymond P. Gaston, et ux (2); Richard Resources; WVDNR; Robert D. Loy, et ux; COUNTY: West Virginia 08/06/2021 13798;

SURFACE OWNER: Delores J. Gadd Richard B. Dallison, et ux; Ridgetop Royalties, LLC; Thomas E. Morris; ACREAGE: 60.5 4.83; 15; 190; 37;

ROYALTY OWNER: Shiben Estates, Inc.; Mildred Caseman; Bounty Minerals, LLC; LEASE NO: ACREAGE: 60.5; 119.03125; 20.06; 66.5; 13;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,400' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,100' 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