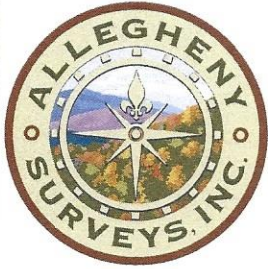


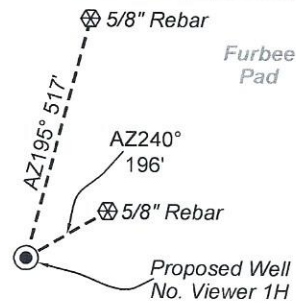
**Antero Resources**  
**Well No. Viewer 1H**  
**BHL MOD**  
 Antero Resources Corporation

Page 1 of 4

527' to Bottom Hole  
 6,418' to Top Hole  
 TOP HOLE LATITUDE 39 - 35 - 00  
 BTM HOLE LATITUDE 39 - 37 - 30



Well Location References (NTS)

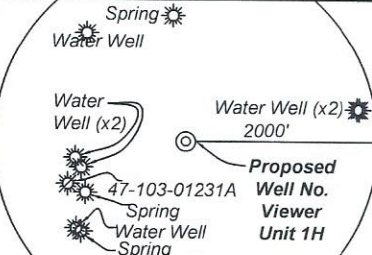


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

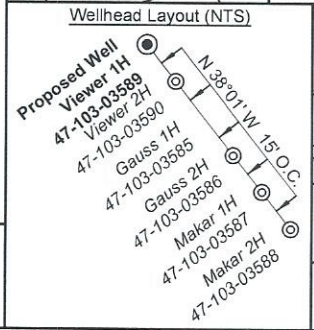
*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167



SEAL



Note: 6 water wells and 3 springs 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.



- Legend
- Proposed gas well
  - ⊗ Monument, as noted
  - ⊙ Existing Well, as noted
  - ⊕ Digitized Well, as noted
  - - - Creek or Drain
  - Road
  - Railroad Right-of-Way
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)

Notes  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Viewer Unit 1H Top Hole coordinates are  
 N: 387,226.65' Latitude: 39°33'23.88"  
 E: 1,652,894.21' Longitude: 80°43'51.95"  
 Bottom Hole coordinates are  
 N: 402,063.75' Latitude: 39°35'49.74"  
 E: 1,647,243.78' Longitude: 80°45'06.72"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,378,593.248m N: 4,383,084.710m  
 E: 523,116.633m E: 521,319.877m  
 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. Viewer Unit 1H UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,364,719.16'  
 E: 1,716,210.22'  
 Point of Entry Coordinates  
 N: 14,364,745.79'  
 E: 1,715,404.97'  
 Bottom Hole Coordinates  
 N: 14,379,454.93'  
 E: 1,710,314.87'

Bearing	Dist.
L1 S 68°23' W	1,895.6'
L2 N 88°40' W	1,981.4'
L3 N 83°00' E	1,612.6'
L4 N 87°59' E	1,634.8'
L5 N 87°09' W	806.0'

FILE NO: 27-34-G-18  
 DRAWING NO: Viewer Unit 1H BHL MOD  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

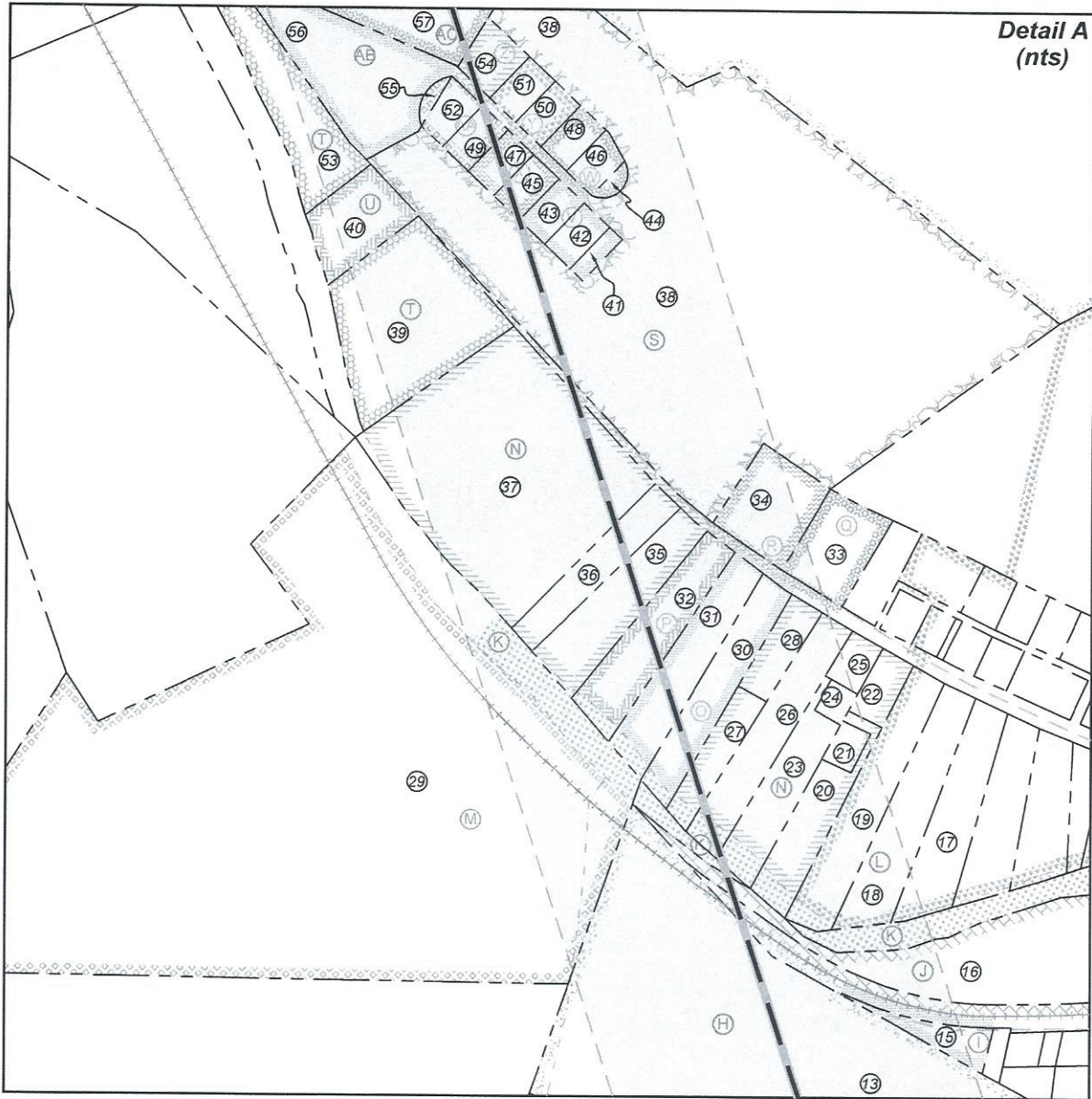
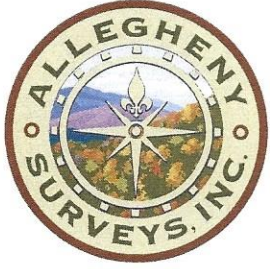
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: August 16 2023  
 OPERATOR'S WELL NO. Viewer Unit 1H  
 API WELL NO  
 47 — 103 — 03589  
 STATE COUNTY PERMIT


WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: As-Built 1,211' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove  
 DISTRICT: Green COUNTY: Wetzel  
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 58.1  
 ROYALTY OWNER: James Allen Sell LEASE NO: ACREAGE: 58.1  
 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: 7,500' TVD  
 25,500' 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

TOP HOLE LONGITUDE 80 - 42 - 30  
 BTM HOLE LONGITUDE 80 - 45 - 00  
 9,726' to Top Hole  
 10,144' to Bottom Hole



FILE NO: 27-34-G-18  
 DRAWING NO: Viewer Unit 1H BHL MOD  
 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: August 16 2023  
 OPERATOR'S WELL NO. Viewer Unit 1H  
**API WELL NO**  
 47 — 103 — 03589  
 STATE COUNTY PERMIT

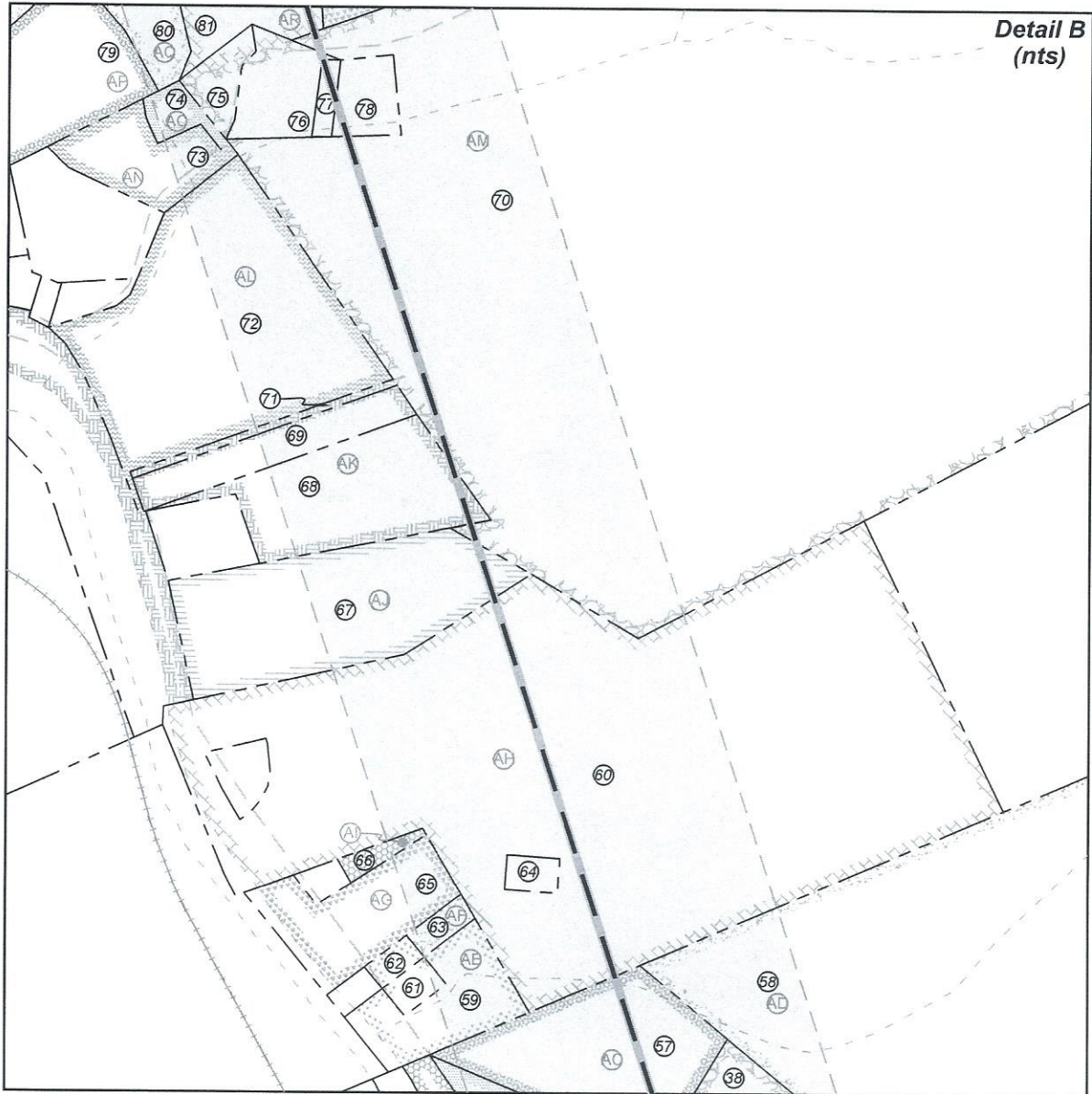
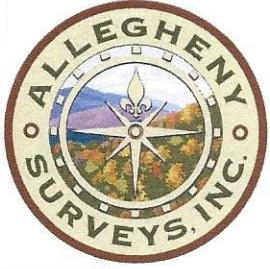
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: As-Built 1,211' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove  
 DISTRICT: Green COUNTY: Wetzel  
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 58.1  
 ROYALTY OWNER: James Allen Sell LEASE NO: \_\_\_\_\_ ACREAGE: 58.1

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: 25,500' 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

09/15/2023



FILE NO: 27-34-G-18  
 DRAWING NO: Viewer Unit 1H BHL MOD  
 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**



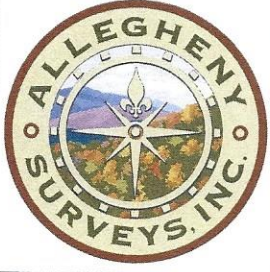
DATE: August 16 2023  
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 API WELL NO  
 47 — 103 — 03589  
 STATE COUNTY PERMIT

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**09/15/2023**

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



Leases	
A	James Allen Sell
B	William R. Stalnaker
C	George Neason Myers, et ux
D	Antero Minerals, LLC
E	John Ronald Harter, et ux
F	Dean H. Bucher
G	Dean H. Bucher
H	Dean H. Bucher
I	Kenneth Calvin Willard
J	Ruby Lynn Price
K	WVDNR
L	Shiben Estates, Inc.
M	Coastal Forest Resources Co.
N	Nola Jean Parks
O	Howard D. Bucher, et ux
P	Dean H. Bucher
Q	Kimberly K. McCale
R	Bryan J. Lemasters, et ux


Leases	
S	Michael Paul Melott, et ux
T	Betty C. Long
U	Gary R. Partridge, et ux
V	Teresa R. Brown
W	Jack E. Dakan, et ux
X	William J. Hupp, et ux
Y	Joseph L. Cain, et ux
Z	Katina D. Swiger
AA	Bonnie Jean Brown
AB	Roger L. Harrison, et ux
AC	Roger Dean Long, et ux
AD	Chesapeake Appalachia, LLC
AE	Timothy L. McDiffitt, et ux
AF	Daniel S. Brown
AG	Judy Smith
AH	Margaret Lancaster, et vir
AI	Margaret Lancaster

Leases	
AJ	Rocky G. Miracle, et ux
AK	H. Dorn Higginbotham, et ux
AL	H. Dorn Higginbotham, et ux
AM	Shiben Estates Inc.
AN	Donald Ardell Howell
AO	Samuel R. Haught, et ux
AP	Lloyd Lee King
AQ	Carolyn Jacobs Hampson
AR	Lillian Priscilla Grimm
AS	Barbara Anne Amos King
AT	Valerie Preat
AU	P&P Fujimo LLC
AV	Maria Delia Estrada
AW	Nancy B. Hatfield, et al
AX	Nancy B. Hatfield, et al
AY	Nancy B. Hatfield, et al
AZ	Nancy B. Hatfield, et al

ID	TM-Par	Owner	Bk/Pg	Acres
1	17-12	Antero Resources Corp.	483/888	58.10
2	17-60	Ross Bucher	411/765	79.00
3	17-57	Steven C. & Bertie G. Blinkman	388/243	20.60
4	17-1	Antero Resources Corp	483/888	15.35
5	13-69.1	Donald L. Mason	410/759	14.00
6	13-69	Donald L. Mason	410/759	69.61
7	13-69.4	David P. & Jami D. Morris	450/428	1.46
8	13-69.2	Carol S. Bishop	344/568	1.25
9	13-69.3	David P. & Jami D. Morris	364/9	1.25
10	13-68	John Ronald & Johnna Shay Harter	437/867	14.62
11	13-68.1	Charles M. Haught	315/642	3.44
12	13-43	John R. & Johnna S. Harter	437/867	46.25
13	13-90	Coastal Forest Resources Co.	444/105	36.13
14	13-91	Coastal Forest Resources Co.	444/105	3.47
15	28-42	George Keck	71/258	0.50
16	28-25	Sara Larrimore, et al	AP107/99	4.50
17	28-20	Thelma L. Brideman	MS10/131	1.82
18	28-19	Ricky L. & Cindy S. Wade	420/441	2.07
19	28-18	Ronald S. Anderson	417/63	2.14
20	28-17.2	Darel L. & Joyce A. Ueltschy	424/365	1.33
21	28-17.1	Darel L. & Joyce A. Ueltschy	424/365	0.25
22	28-17	Sharyn D. Utt	360/348	0.49
23	28-15	Nathan D. & Jacqueline Johnson	404/399	1.46
24	28-16	Nathan D. & Jacqueline Johnson	404/399	0.20
25	28-15.1	Christopher David Thomas	365/112	0.35
26	28-14	Benjamin F. & Ruth Kocher	242/14	1.83
27	28-13	Benjamin F. & Ruth Kocher	221/369	0.83
28	28-12	Benjamin F. Kocher	202/264	0.67
29	13-28	Coastal Forest Resources Co.	444/105	46.2
30	28-11	Howard D. & Clara Mae Bucher	285/483	1.62
31	28-10	Dale & Clara M. Bucher	198/265	1.78
32	28-9	Cecil E. McDiffitt	308/298	1.85
33	28-2.6	Phillip Bassett	440/61	---
34	28-1	Bryan J. & Christina D. Lemasters	315/335	---
35	28-8	John C. & Wilma Jean Brown	212/387	1.85
36	28-7.1	Gloria D. & Eugene Mason, Jr.	261/373	1.24
37	28-7	William C. & Blanchie Kocher	196/423	8.35
38	13-19.1	Michael Paul & Tamatha Lynn Melott	379/128	23.95
39	13-20	Betty Long	191/288	6.94
40	13-20.1	Gary R. & Angela E. Partridge	451/425	1.39
41	13A-29	Alyson P. Weber	439/352	0.18
42	13A-22	Alyson P. Weber	439/352	0.37
43	13A-21	Alyson P. Weber	439/352	0.37
44	13A-28	Jack E. & Constance D. Dakan	354/503	0.10
45	13A-20	William J. & Veima S. Hupp	300/343	0.37

ID	TM-Par	Owner	Bk/Pg	Acres
46	13A-27	Jack E. & Constance D. Dakan	268/88	0.34
47	13A-19	William J. & Veima S. Hupp	300/343	0.37
48	13A-26	Jack E. & Constance D. Dakan	273/171	0.37
49	13A-18	Bonnie Jean Brown	362/553	0.37
50	13A-25	Joseph L. & Roberta E. Cain	378/385	0.37
51	13A-24	Joseph L. & Roberta E. Cain	378/385	0.37
52	13A-17	Bonnie Jean Brown	318/576	0.38
53	13-20	Betty Long	191/288	6.94
54	13A-23.1	Katrina D. Swiger	388/273	0.54
55	13A-30	Bonnie Jean Brown	362/553	0.11
56	13-19.3	Roger L. & Sarah M. Harrison	455/399	3.00
57	13-19.2	Roger D. & Kimmie L. Long	313/183	4.99
58	13-13	Linda M. Headley	385/209	85.5
59	13-12.3	Timothy L. & Tammy D. McDiffitt	441/68	2.24
60	13-6	Margaret Lancaster	333/440	39.39
61	13-12.2	Timothy L. & Tammy D. McDiffitt	441/68	0.34
62	13-12.1	Timothy L. & Tammy D. McDiffitt	441/68	0.27
63	13-12.4	Bradley Keith & Daniel Scott Brown	440/781	0.48
64	13-5	Cochran Cemetery	---/---	0.35
65	13-12	Judy Smith	341/320	2.71
66	13-14	Phillip Dale Haught	465/207	0.32
67	13-4	Rocky G. & Vicki S. Miracle	325/11	6.89
68	8-36.6	Kevin R. & Ronald L. Hall	360/124	4.25
69	8-38.7	Robert & Carolyn Kocher	269/420	1.86
70	8-28	Nancy B. Hatfield	474/48/1	449.48
71	8-38.10	Robert P. & Carolyn J. Kocher	484/459	0.36
72	8-38.2	H. Dorn Higginbotham & Janet L. Higginbotham	286/386	10.32
73	8-40	Ronald M. Jackson	487/60	1.74
74	8-40.1	Teresa D. Post	464/331	0.57
75	8-28.2	Theresa A. Ice	347/368	0.85
76	8-28.3	Theresa Ann Ice	368/549	1.72
77	8-28.4	Debra K. Fluharty	451/394	0.27
78	8-28.1	Debra K. Fluharty	342/680	0.89
79	8-39	John F. King	25/264	4.5
80	8-30	Michael L. & Erin M. Greathouse	363/91	76
81	8-33	Lloyd L. King	319/55	20.35
82	8-34	Peter S. & Marietta A. Florea	420/915	42
83	8-31	Valerie Preat	416/599	32.5
84	8-48	James D. Highley Jr.	472/167	41.00
85	8-21	BP Mineral Holdings II LLC	425/427	43.5
86	8-22	John D. & Connie J. Morgan	417/944	40
87	8-12	John D. & Connie J. Morgan	417/944	13.60
88	8-10	Andrea Wade	420/853	35.50
89	8-11	Andrea Wade	420/853	13.50

FILE NO: 27-34-G-18  
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 Submeter  
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 WVDOT, Harrisville, WV

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

DATE: August 16 2023  
 OPERATOR'S WELL NO. Viewer Unit 1H  
 API WELL NO  
 47 — 103 — 03589  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
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LOCATION: ELEVATION: As-Built 1,211' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove  
 DISTRICT: Green COUNTY: Wetzell  
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 58.1  
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PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
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 Denver, CO 80202 Bridgeport, WV 26330