

Page 1 of 3

**Bream Unit 1H
Bottom Hole**

—5,836' to Top Hole

TOP LATITUDE 39 - 22 - 30 30 30
BTM LATITUDE 39 - 25 - 00 00 00

Tag	Bearing	Dist.	Description
L1	S 76°01' E	1,888.5'	47-033-03897
L2	S 62°36' W	1,187.3'	47-033-01088
L3	N 51°12' W	1,010.6'	47-033-03896
L4	N 51°31' E	1,418.7'	47-033-05180

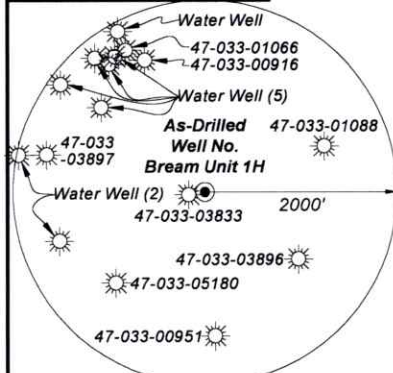
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller, P.S. 2167

TOP
BTM

11,189' to Bottom Hole

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.



Note: Eight (8) 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.

FILE NO: 127-36-EO-25

DRAWING NO: Bream Unit 1H BHL-MOD 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: May 28 20 26

OPERATOR'S WELL NO. Bream Unit 1H

API WELL NO

47 - 033 - 06119
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,154.4' WATERSHED: Tenmile Creek

QUADRANGLE: Wolf Summit

DISTRICT: Eagle & Sardis

COUNTY: Harrison

SURFACE OWNER: Robert G. & Christine E. Flanigan, et al

ACREAGE: 129.00

ROYALTY OWNER: A.W. & Susan C. Coffman LEASE NO: ACREAGE: 129.00

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: 22,258' MD

WELL OPERATOR: Antero Resources Corporation

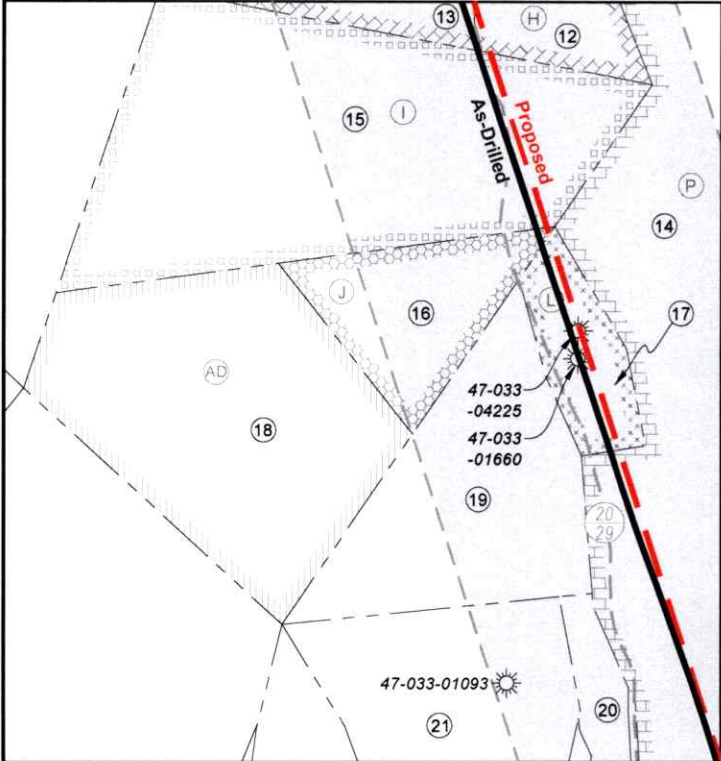
DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

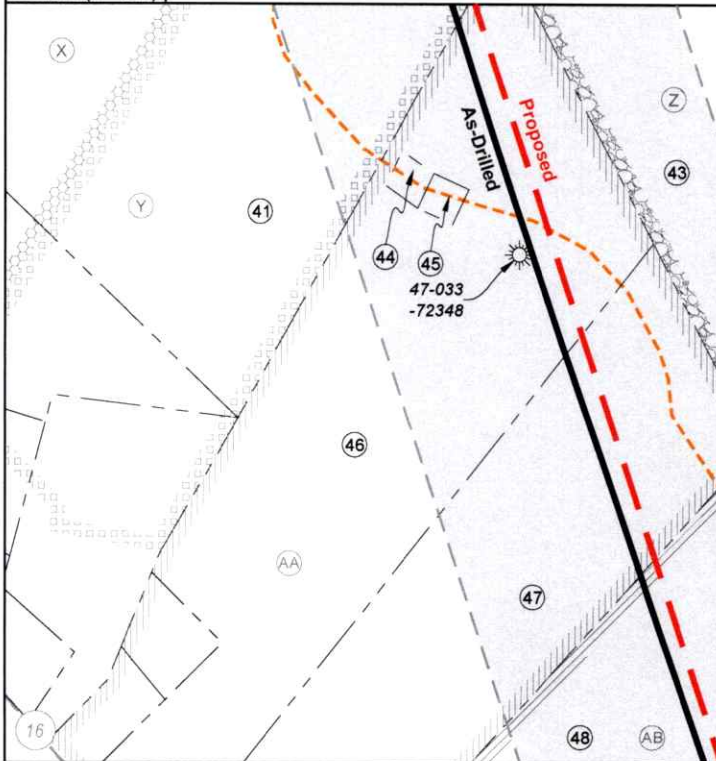
ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330



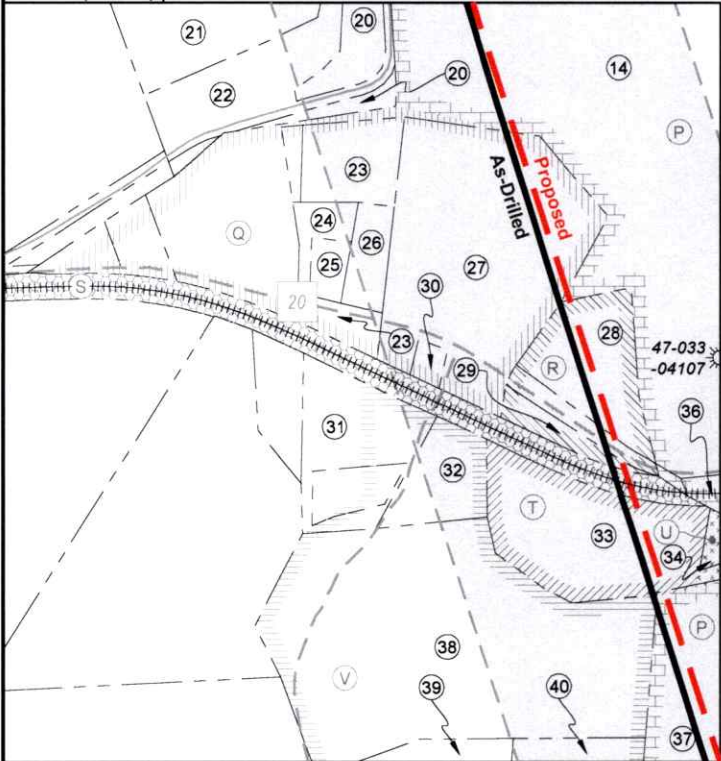
Detail 1 (1"=500')



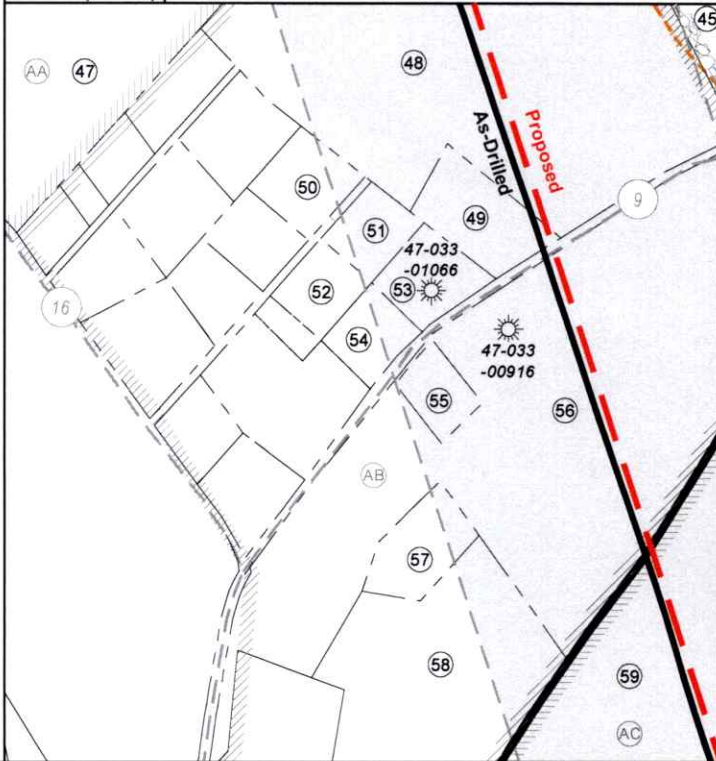
Detail 3 (1"=500')



Detail 2 (1"=500')



Detail 4 (1"=500')



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☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,258' MD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330

Antero Resources
Well No. Bream 1H
As-Drilled
Antero Resources Corporation

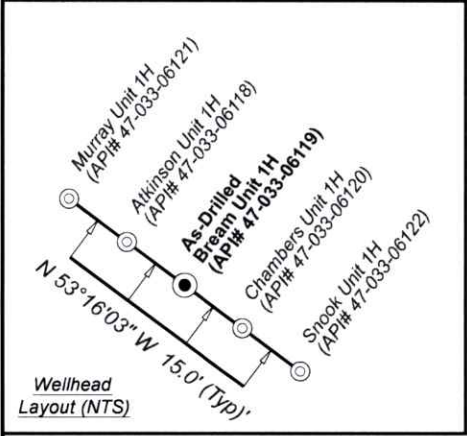


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Tag	Lease
A	Louisa C. Robinson & D.D. Robinson, her husband
B	Donley Boggess, et al
C	J.N. Swiger & H.J. Swiger, his wife
D	Martha V. Rogers
E	Will E. Morris Heirs Trust
F	James H. Williams & Betty J. Williams
H	David E. Nay & Rebecca L. Nay
I	Neal B. Swiger, et al
J	Jessie Jerome Williams
L	Timothy D. & Cynthia L. Freed
P	A.G. Swiger
Q	James Deniers Fontanez

Tag	Lease
R	Sophonria Lang
S	CSX Transportation, Inc.
T	Sophonria Lang
U	Rebecca L. Nay, et al
V	Sophonria Lang
X	Rodger Scott Byrd
Y	A.L. McQuaid & Harriet M. McQuaid, his wife
Z	Blanche R. Atkinson
AA	Chas W. Murray & Clara I. Murray, h/w
AB	L.C. Harbert & Sarah J. Harbert, h/w
AC	A.W. Coffman, et ux
AD	Patrick & Frank Cunningham
AE	Fred Rogers & Mae A. Rogers, his wife

Legend	
	Proposed gas well
	Well Reference, as noted
	Monument, as noted
	Existing Well, as noted
	Digitized Well, as noted
	Creek or Drain
	Existing road
	Surface boundary (approx.)
	District line (approx.)



Notes
West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Bream Unit 1H Top Hole coordinates are
N: 309,361.47' Latitude: 39°20'45.29"
E: 1,746,707.60' Longitude: 80°23'44.29"
Bottom Hole coordinates are
N: 323,992.49' Latitude: 39°23'09.41"
E: 1,741,792.89' Longitude: 80°24'48.75"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,355,348.136m N: 4,359,780.675m
E: 552,093.366m E: 550,521.810m
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. Bream Unit 1H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, North Zone
N: 309,709.42'
E: 1,746,448.67'
Lat: 39°20'48.70"
Lon: 80°23'47.63"
UTM Zone 17, NAD 1983
N: 4,355,452.830m
E: 552,012.716m

Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	205 / 11	Tenmile Ranch, LLC	1754 / 249	81.35
2	205 / 12	Romona A. & Richard P. Swiger, Jr.	1184 / 420	21.80
3	205 / 32	Romona A. & Richard P. Swiger, Jr.	1184 / 420	50.15
4	205 / 32.1	Nickole R. & Richard P. Swiger, III	1461 / 409	3.54
5	205 / 38	Maxine K. & James G. Ice, II	1234 / 770	40.42
6	205 / 38.1	David E. & Rebecca L. Nay	1741 / 767	17.58
7	205 / 37	Nickole R. & Richard P. Swiger, III	1463 / 438	14.58
8	205 / 33	Justin Amos	1767 / 907	11.50
9	205 / 34	Christopher A. & Stacy N. Swiger	1694 / 239	11.00
10	205 / 36	Jessie J. Williams	1354 / 480	13.25
11	205 / 36.1	Carl L. Earnest	1379 / 968	0.20
12	205 / 56	David E. & Rebecca L. Nay	1425 / 782	6.04
13	205 / 55	Patrick H. & Frank O. Cunningham	W203 / 413	13.15
14	205 / 61	David E. & Rebecca L. Nay	1208 / 843	89.26
15	205 / 57	WVTI, LLC	1743 / 461	18.00
16	205 / 58	Jessie J. Williams	1354 / 480	6.50
17	205 / 60	WVTI, LLC	1740 / 161	1.98
18	205 / 58.1	Patrick H. & Frank O. Cunningham	W203 / 413	10.00
19	205 / 59	WVTI, LLC	1742 / 225	7.99
20	205 / 75.2	Jason A. & Rebecca A. Gorby	1542 / 667	2.20
21	205 / 75	Thomas L. & Charlotte A. Rogers	1398 / 223	9.52
22	205 / 75.1	Thomas L. & Charlotte A. Rogers	1086 / 1152	2.80
23	205 / 76	Michael T. & Kimberly D. Cunningham	1731 / 33	2.16
24	205 / 76.3	Michael T. & Kimberly D. Cunningham	1784 / 228	0.45
25	205 / 76.2	Daniel M. Baney, et al	1570 / 212	0.34
26	205 / 76.1	Daniel M. Baney, et al	1570 / 212	0.64
27	205 / 77	Deniers J. Fontanez	W204 / 310	6.26
28	205 / 81	Deniers J. & Lori A. Fontanez	1364 / 992	1.97
29	205 / 81.1	Deniers J. & Lori A. Fontanez	1368 / 270	0.25
30	205 / 78	Private Cemetery	xxxx / xxxx	0.20
31	225 / 12	James & Carol M. Rush	1494 / 654	1.73
32	225 / 13	James & Carol M. Rush	1763 / 15	1.23
33	225 / 15	Trustees Tenmile Baptist Church	785 / 519	2.00
34	225 / 19	Tenmile Baptist Church	75 / 120	0.75
35	205 / 61.1	David E. & Rebecca L. Nay	1208 / 843	3.21
36	225 / 20	Mildred I. Leasure (LE)	1757 / 632	5.20
37	225 / 21	Patrick H. & Frank O. Cunningham	W203 / 413	64.00
38	225 / 16	James & Carol M. Rush	1763 / 15	11.01
39	225 / 17	James & Carol M. Rush	1763 / 15	10.75
40	225 / 18	James & Carol M. Rush	1763 / 15	14.00
41	225 / 35.1	Gregory K. Davisson, et al	1763 / 1314	77.80
42	225 / 36	Jason C. & Kristin A. Cunningham	1610 / 1185	18.47
43	225 / 57	Jason C. & Kristin A. Cunningham	1610 / 1185	67.52
44	225 / 55.4	Short Line Public Service District	1437 / 288	0.23
45	225 / 55.2	Short Line Public Service District	1059 / 568	0.23
46	225 / 55	Starla K. & Thyron L. Bates	1717 / 98	24.83
47	225 / 56	Starla K. & Thyron L. Bates	1717 / 98	23.40
48	225 / 73	Jason C. & Kristin A. Cunningham	1610 / 1185	24.12
49	225 / 73.1	James F. & Rebecca Deberry	1671 / 438	1.50
50	225A / 16	James E. & Janelle A. Savage	1002 / 836	1.07
51	225A / 18	Glacus Gladwell	1364 / 990	0.82
52	225A / 13	Loretta Mayfield	1567 / 127	0.80
53	225A / 21	Edna D. Swiger (LE)	1654 / 1120	1.30
54	225A / 19	Edna D. Swiger (LE)	1654 / 1120	0.84
55	225 / 74.1	Harley D. & Mary Jo Knight (LE)	1319 / 765	0.71
56	225 / 74	Kevin Owens & Kristy D. Sendling	1396 / 687	23.06
57	225 / 74.2	James L. Thornhill	1167 / 725	1.11
58	225 / 74.3	James L. Thornhill	1167 / 731	10.42
59	245 / 26	Robert G. & Christine E. Flanigan, et al	W216 / 842	129.00

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