

1,057' to Bottom Hole

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

Page 1 of 3

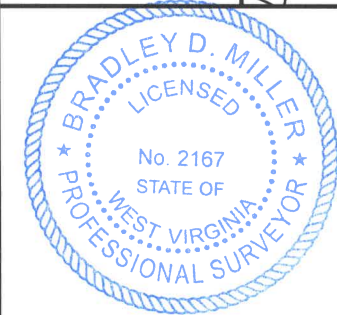
Top Hole 7.5' Spot 5,036' to Top Hole BTM Hole

TOP HOLE LATITUDE 39 - 30 - 00 7.5' Spot
BTM HOLE LATITUDE 39 - 27 - 30



Wellhead Layout

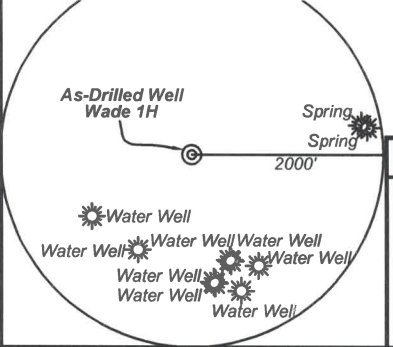
- Pechora Unit 2H 47-095-02725
- Pechora Unit 1H 47-095-02724
- Whitmore Unit 2H 47-095-02727
- Whitmore Unit 1H 47-095-02726
- Wade Unit 2H 47-095-02728 As-Drilled
- Wade Unit 1H 47-095-02729



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

Note: 8 water wells and 2 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
- Found corner, as noted
- Existing Well, as noted
- Digitized Well
- Existing Road
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Wade Unit 1H Top Hole coordinates are
N: 366,498.12' Latitude: 39°29'54.17"
E: 1,618,719.87' Longitude: 80°51'04.25"
Bottom Hole coordinates are
N: 350,806.58' Latitude: 39°27'19.65"
E: 1,622,467.30' Longitude: 80°50'13.470"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,372,104.071m N: 4,367,342.661m
E: 512,810.403m E: 514,031.868m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Wade Unit 1H As-Drilled
POE Coordinates
West Virginia
Coordinate System of 1927, North Zone
N: 366,443.98'
E: 1,617,373.84'
Latitude: 39°29'53.43"
Longitude: 80°51'21.41"
UTM Zone 17, NAD 1983
N: 4,372,080.720m
E: 512,400.606m

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.

	Bearing	Dist.
L1	S 20°25' E	1,001.4'
L2	N 37°14' W	1,607.8'
L3	N 41°19' E	1,121.7'
L4	N 75°05' E	936.5'

FILE NO: 97-54-E-19
DRAWING NO: Wade 1H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

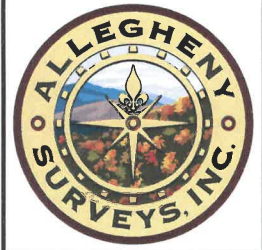
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: March 7 20 22
OPERATOR'S WELL NO. Wade 1H
API WELL NO
47 - 095 - 02729
STATE COUNTY PERMIT

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

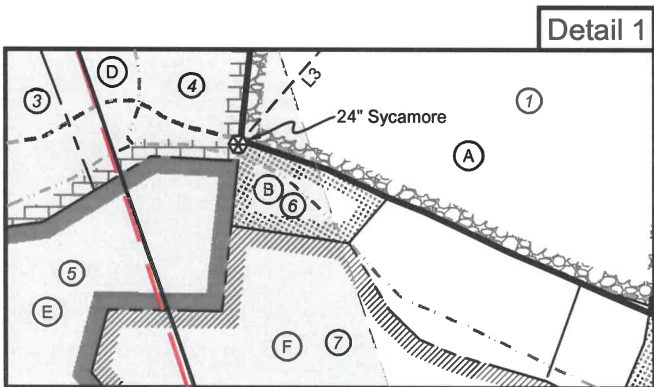
LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley
DISTRICT: Ellsworth COUNTY: Tyler
SURFACE OWNER: Roger D. Blizzard ATX Mineral Holdings, LLC; Clifford and Virginia Perkins Irrevocable Trust; Haessly Land & Timber LLC; Ronald E. Thompson, et ux; Brian M. Weigle; Triple Haught Trust; WVDNR (3); Ronald L. Hoover, et ux; Kenneth R. & Jennifer L. Mason; Bradley J. Carpenter; Roger D. Wade; AMP Fund II, LP; Carl E. Taylor, et ux; Charles T. White Jr.; The Swan Living Trust; Elmer Earl Bowser, Jr.
ROYALTY OWNER: Heritage Resources - Marcellus Minerals, LLC; B. Fred Hill Jr.; Keith C. & Phyllis J. Smith; LEASE NO: ACREAGE: 102.62
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: 23,414' 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	Heritage Resources - Marcellus Minerals, LLC	S	Patrick Lewis Smith
		T	WVDNR
B	Heritage Resources - Marcellus Minerals, LLC	U	Danny L. & Terri E. Botkins
		V	Lloyd E. & Nancy J. Wade
C	B. Fred Hill Jr.	W	James R. Pinney
D	Clifford and Virginia Perkins Irrevocable Trust	X	ATX Mineral Holdings, LLC
		Y	Edward H. Estep, et ux
E	Carl E. Taylor, et ux	Z	Brian M. Weigle
F	The Swan Living Trust	AA	Lloyd Carl Seckman
G	Charles T. White Jr.	AB	David E. Bowyer
H	Ridgetop Capital II, LP	AC	ATX Mineral Holdings, LLC
I	Elmer Earl Bowser Jr.	AD	Brian M. Glover
J	Kenneth R. & Jennifer L. Mason	AE	Robert O'Neil Dotson, et ux
K	Haessly Land & Timber, LLC	AF	AMP Fund II, LP
L	Bradley J. Carpenter	AG	Brian M. Weigle
M	WVDNR	AH	Rheba McMichael
N	Ronald E. Thompson, et ux	AI	Kenneth R. & Jennifer L. Mason
O	Kathy Ann Seago	AJ	Keith C. Smith, et ux
P	Roger D. Wade	AK	Keith C. Smith, et ux
Q	E. Lorna Howard Testamentary Trust	AL	Mount Aris Cemetery
		AM	Triple Haught Trust
R	Alf Smith Cemetery	AN	Ronald L. Hoover, et ux
		AO	WVDNR

ID	TM/Par	Owner	DB/PG	Acres
1	15-33	Roger D. Blizzard & Ruth E. Spencer	340/170	102.62
2	15-30	Thomas C. & Jeudeann L. Grinage	458/73	124.08
3	15-34	Michael & Bente H. Biddle	294/537	82.34
4	15-34.1	Randy & Pamela L. Lancaster	370/776	11.42
5	21-6	Carl E. & Elsie M. Taylor	391/181	63.50
6	21-7	Gary O. & Anita K. Bennett	332 / 605	1.75
7	21-14	Carl E. & Elsie M. Taylor	391/181	67.91
8	21-16	Stephanie & Joseph W. Havranek	254/153	4.50
9	21-17	Stephanie & Joseph W. Havranek	254/153	10.38
10	21-18	Ridgetop Capital II, LP	385/781	83.68
11	21-15	Stephanie & Joseph W. Havranek	254/153	45.48
12	21-52	Jennifer L. & Kenneth Mason	345/743	81.0
13	21-53	Haessly Land & Timber, LLC	337/101A	89.88
14	27-10	Kathy Ann Seago, et al	WB 41/119	31.18
15	21-55	Ronald & Janet Thompson	400/552	12.50
16	21-54	Sybill Gorby	WB 34/343	70.00
17	22-42	Sharon Christenson, et al	635/420	144.26
18	21-57	ALF Smith Cemetery	107/393	3.00
19	21-56	Roger D. Wade	485/486	26.68
20	21-60	Danny & Terri Botkins	342/556	0.86
21	21-61	Danny & Terri Botkins	342/556	1.51
22	21-59	Travis O. Baker	617/620	3.72
23	21-62	Lewis Timmons Estate	332/1	1.8
24	28-1	Lois J. Estep & Edward E. Estep	359/613	1.11
25	27-12	Joan Estep & Edward H. Estep	556/513	0.47
26	27-13	Joan Estep & Edward H. Estep	556/513	2.40
27	21-56.1	Nancy Wade	336/127	4.48
28	27-11	Kathy Ann Seago, et al	WB 41/119	35.08
29	28-2	Mary Ladene Lemasters	299/548	2.37
30	27-14	James & Naomi Baker	644/632	1.50
31	28-3	Lloyd C. & Kathen G. Seckman	184/296	2.88
32	28-13	David E. Bowyer	481/234	3.97
33	27-15	John Helt	448/274	0.49
34	27-16	David Newbrough Revocable Family Trust	369/370	0.94
35	28-4.6	Brian M. Glover	397/415	0.83
36	28-14	Robert & Sandra Dotson	213/445	0.87
37	27-17	David & Diana Weekley	575/9	1.94
38	28-10	Carol Knapp Rev. Trust	435/461	9.20
39	28-17	Kathy Ann Seago, et al	WB 41/119	12.11
40	28-16.1	Brian Weigle	353/776	2.36
41	28-16	Kathy Ann Seago, et al	WB 41/119	4.54
42	28-15.1	Keith & Phyllis Smith	350/565	2.40
43	27-19	Lynda Spellman, et al	119/512	86.00
44	28-15	Troy & Kelly Smith	337/393	6.60
45	28-25	Ripley Alma Methodist Church	199/1	0.86
46	28-24	Mt. Aris Union Church & Cemetery	246/47	0.97
47	27-20	Kenneth & Jennifer Mason	332/960	269.00
48	28-29	Keith C. Smith	WB 35/228	116.72
49	28-27	Kenneth & Jennifer Mason	353/389	72.00
50	4-5	Roger & Sandy Weese	312/203	182.74
51	28-28	Ronald & Linda Hoover	184/383	136.22
52	2-1	Lary & Betty Fletcher	312/200	120.00
53	27-16.1	John Helt	448/274	0.15



Detail 1

FILE NO: 97-54-E-19

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SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV



DATE: March 7 20 22

OPERATOR'S WELL NO. Wade 1H

API WELL NO

47 - 095 - 02729

STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley

DISTRICT: Ellsworth COUNTY: Tyler

SURFACE OWNER: Roger D. Blizzard & Ruth E. Spencer ACREAGE: 102.62

ROYALTY OWNER: Heritage Resources - Marcellus Minerals, LLC; B. Fred Hill Jr.; Keith C. & Phyllis J. Smith; LEASE NO: ACREAGE: 28.009; 168.175; 24;

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: 6,611' TVD 23,414' MD

WELL OPERATOR: Antero Resources Corporation

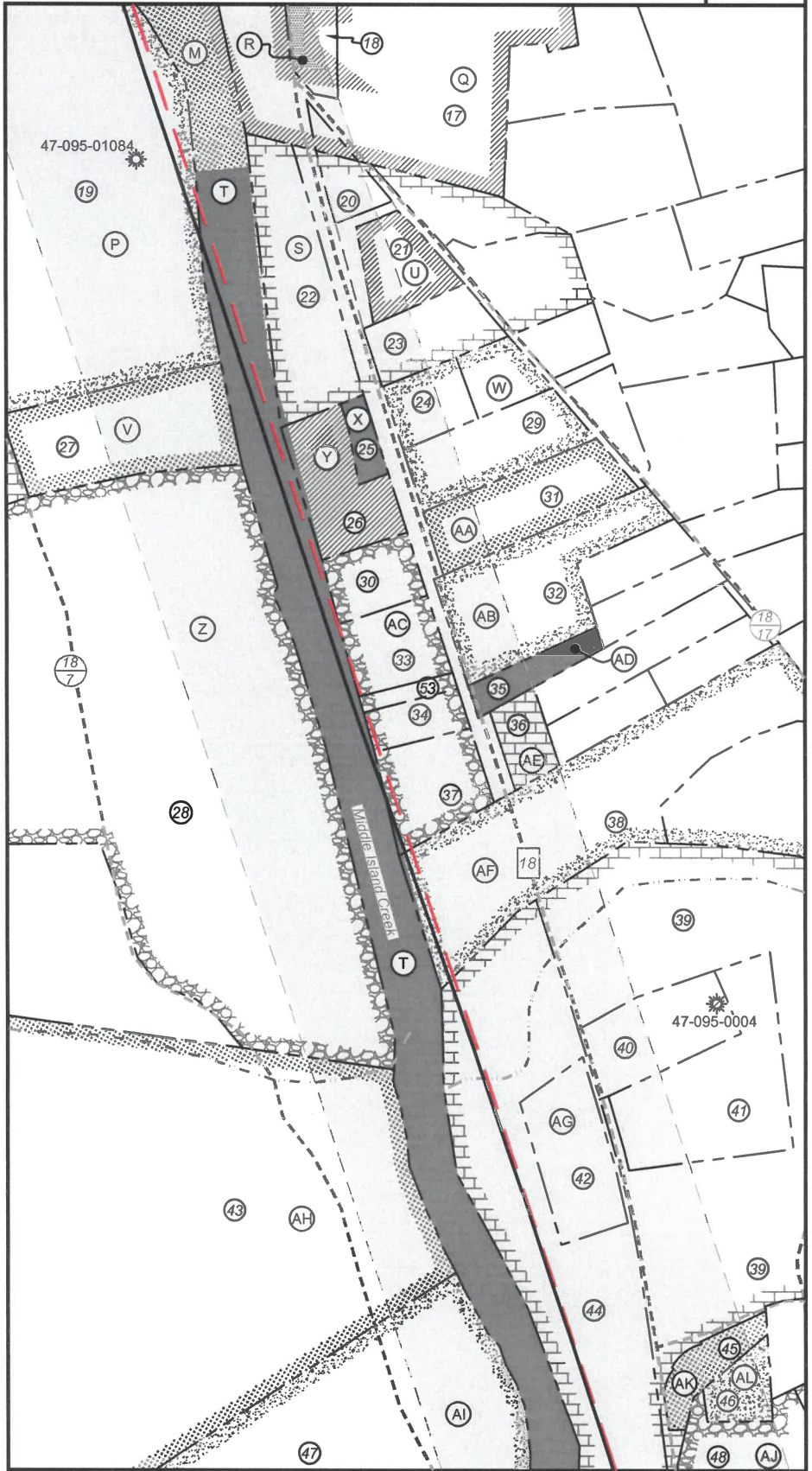
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Charleston, WV 25313



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LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley 13.8488; 136.22; 102.62;
DISTRICT: Ellsworth COUNTY: Tyler 119.578; 93.757; 63.5; 67.90625;
SURFACE OWNER: Roger D. Blizzard & Ruth E. Spencer ATX Mineral Holdings, LLC; Clifford and Virginia Perkins Irrevocable Trust; Haessly Land & Timber LLC; Ronald E. Thompson, et ux; Brian M. Weigle; Tripple Haught Trust; WVDNR (3); Ronald L. Hoover, et ux; Kenneth R. & Jennifer L. Mason; Bradley J. Carpenter; Roger D. Wade; AMP Fund II, LP; Carl E. Taylor, et ux; Charles T. White Jr.; The Swan Living Trust; Elmer Earl Bowser, Jr. 15.11; 48.475; 81; 70; 7.94; 12.5; 75.25; 26.684;
ROYALTY OWNER: Heritage Resources - Marcellus Minerals, LLC; B. Fred Hill Jr.; Keith C. & Phyllis J. Smith; LEASE NO: ACREAGE: 102.62 19.46; 6.905; 17.401; 28.009; 168.175; 24;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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