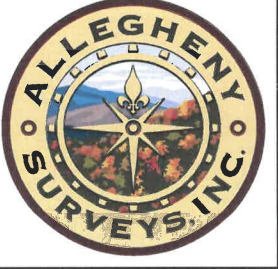


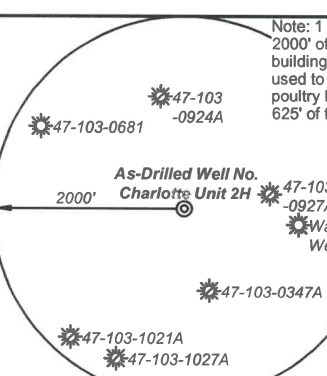
Antero Resources
Well No. Charlotte 2H
As-Drilled
 Antero Resources Corporation



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.

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

Notes
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Well No. Charlotte Unit 2H Top Hole coordinates are
 N: 384,869.12' Latitude: 39°32'59.63"
 E: 1,645,924.80' Longitude: 80°45'20.50"
 Bottom Hole coordinates are
 N: 373,744.44' Latitude: 39°31'10.01"
 E: 1,648,276.38' Longitude: 80°44'48.51"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,377,839.507m N: 4,374,462.262m
 E: 521,005.287m E: 521,778.154m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Charlotte Unit 2H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 384,499.87'
 E: 1,644,782.85'
 Latitude: 39°32'55.82"
 Longitude: 80°45'35.01"
 UTM Zone 17, NAD 1983
 N: 4,377,721.195m
 E: 520,659.258m

	Bearing	Dist.
L1	S 39°49' E	2,543.3'
L2	S 46°35' W	1,569.9'
L3	N 66°44' W	1,046.8'
L4	N 42°03' W	871.5'

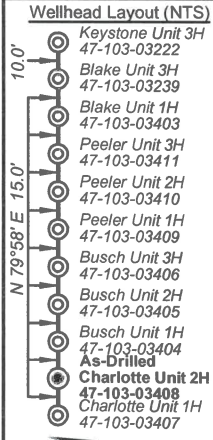
TOP HOLE LONGITUDE 80 - 45 - 00
 BTM HOLE LONGITUDE 80 - 42 - 30

12,179' to Top Hole

8,093' to Bottom Hole

10,854' to Bottom Hole

1,606' to Top Hole
 TOP HOLE LATITUDE 39 - 35 - 00
 BTM HOLE LATITUDE 39 - 32 - 30



FILE NO: 323-34-G-17
 DRAWING NO: Charlotte 2H As-Drilled
 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: March 16 20 22
 OPERATOR'S WELL NO. Charlotte Unit 2H
 API WELL NO
 47 - 103 - 03408
 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: Top Hole: Porter Falls
 DISTRICT: Green William L. & SURFACE OWNER: Delores J. Gadd Harry K. Eastman, et ux; Eight Mile Ridge Church of Christ; Shiben Estates, Inc.; H. Dorn Higginbotham; Perry Dale Thome, Jr., et ux; Stone Hill Minerals Holdings, LLC; BRC Appalachian Minerals I, LLC; David E. Bowyer; Christenson Family Trust; Thomas M. Stackhouse; Chesapeake Appalachia, LLC; Edwin D. & Jane C. Michael; Gladys E. Conley Trust; Sandra Rose Conley; Michael Tennant; Richard L. Tennant; Susie T. Grimm; Suzann Marie Stoehr, et al; Howard M. Henderson; LEASE NO: ACREAGE: 60.5 45.72; 50.35; 22.5; 0.23750; 25.2875; 80;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,021' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,626' MD

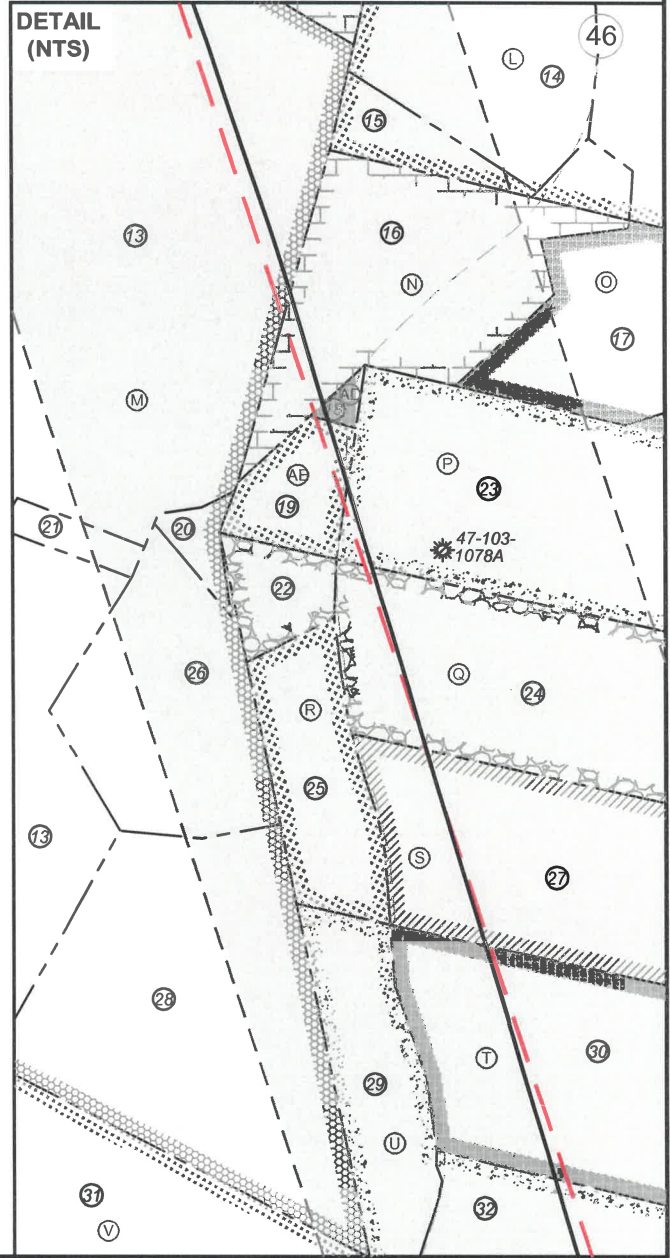
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

Antero Resources
Well No. Charlotte 2H
As-Drilled
 Antero Resources Corporation



Leases		
A	Shiben Estates, Inc.	P BRC Appalachian Minerals I, LLC
B	Ellen W. & Mark L. VanDyne	Q David E. Bowyer
C	John W. Bertram	R Ronald Hall
D	BRC Appalachian Minerals I, LLC	S Stone Hill Minerals Holdings, LLC
E	Gladys E. Conley Trust	T Edwin D. & Jane C. Michael
F	Sandra Rose Conley	U H. Dorn Higginbotham
G	Richard Lee Tennant	V Chesapeake Appalachia, LLC
H	Michael Tennant	W Perry Dale Thorne, Jr., et ux
I	Shiben Estates, Inc.	X Sally Lou Anderson
J	Susie T. Grimm	Y Faye Ann Skinner, et al
K	Thomas M. Stackhouse	Z Jim R. McHenry
L	Acropolis, Inc	AA Christenson Family Trust
M	Chesapeake Appalachia, LLC	AB Howard M. Henderson
N	Richard L. Tennant	AC Suzann Marie Stoehr, et al
O	Emma Lee Rine	AD Harry K. Eastman, et ux
		AE Eight Mile Ridge Church of Christ

ID	TM/Par	Owner	Bk/Pg	Acres
1	16-22	William L. & Delores J. Gadd	348/169	60.50
2	16-23	Kenneth E. Butler	331/110	50.97
3	16-31	William L. & Delores J. Gadd	348/169	2.65
4	16-30	William L. & Delores J. Gadd	348/169	14.00
5	16-21	Mildred E. Caseman	WB45/396	40.00
6	16-47	William M. Greenwalt & Lee A. Niezgoda	387/1	12.00
7	16-38	Silas Tennant	137/85	15.50
8	16-45	James E. Newman	400/234	18.50
9	16-39	Silas & William A. Tennant	WB27/97	23.30
10	16-40	William M. Greenwalt & Lee A. Niezgoda	387/1	18.00
11	16-46	Joyce Ann Haught, et al	WB37/335	23.50
12	16-56	James L. & Martha Jo Stewart	288/330	23.33
13	16-61	Michael L. & Tina M. Adams	444/427	67.96
14	16-58.1	Harry K. & Shirley M. Eastham	438/3	7.21
15	16-62	Harry K. & Shirley M. Eastham	325/101	0.88
16	16-68	Harry K. & Shirley M. Eastham	325/101	4.70
17	16-64	Mark & Michael Difiore	406/241	6.60
18	16-69	Harry K. & Shirley M. Eastham	331/245	0.24
19	16-67	Church of Christ	208/201	0.64
20	16-61.2	Harry K. Eastham	299/450	0.38
21	16-61.1	Church of Christ	218/337	0.42
22	19-8	Church of Eight Mile Ridge	248/434	0.99
23	16-71	Michael L. & Tina M. Adams	437/722	30.50
24	19-8.1	Edwin D. & Jane C. Michael	275/42	36.84
25	19-8.4	Ronald Hall	385/65	2.17
26	19-61.3	Michael L. & Tina M. Adams	346/443	3.83
27	19-8.2	Edwin D. & Jane C. Michael	275/42	22.00
28	19-61.4	Michael L. & Tina M. Adams	377/309	7.91
29	19-17.2	Timothy J. Horner	444/381	2.76
30	19-8.3	Edwin D. & Jane C. Michael	275/42	24.50
31	19-16	Richard R. & Mary J. Scyoc	443/336	73.96
32	19-17	John R. & Mary Ann Horner	416/853	47.55
33	19-25	Perry Dale, Jr. & Martha Jo Thorne	348/298	5.34
34	19-26	Perry Dale, Jr. & Martha Jo Thorne	348/298	25.00
35	19-36	Perry Dale, Jr. & Martha Jo Thorne	348/298	20.00
36	19-27	Ronald L. & Sharon Christenson Family Trust	439/377	25.00
37	19-35	Sharon M. & Ronald L. Christenson	439/373	20.00
38	19-41	Sharon M. & Ronald L. Christenson	439/373	18.50
39	19-42	Sharon M. & Ronald L. Christenson	363/101	22.50
40	19-46	Sharon M. & Ronald L. Christenson	439/373	25.28
41	19-47	Suzann M. Stoehr, et al	WB48/422	80.00
42	19-50	Ronald H. Eastham, et al	424/70	40.00



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LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: BTM Hole: Pine Grove 0.90625; 4.6875; 60.5; 119.03125; 12; 60.5; 22; 40; 24.58125; 30.5; 22; 40; 24.58125; 45.72; 50.35; 22.5; 0.23750; 25.2875; 80;
 DISTRICT: Green William L. & SURFACE OWNER: Delores J. Gadd
 ROYALTY OWNER: Susie T. Grimm; Suzann Marie Stoehr, et al; Howard M. Henderson; LEASE NO: ACREAGE: 60.5
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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