

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 103 - 03405 County Wetzel District Green
Quad Porter Falls Pad Name Gadd Field/Pool Name -----
Farm name William & Delores Gadd Well Number Busch 2H
Operator (as registered with the OOG) Antero Resources Corporation
Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4377841m Easting 521014m
Landing Point of Curve Northing 4377831.27m Easting 520621.46m
Bottom Hole Northing 4381113m Easting 519506m

Elevation (ft) 1223' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
Air - Foam & 4% KCL
Mud - Polymer

Date permit issued 6/14/2021 Date drilling commenced 7/23/2021 Date drilling ceased 9/22/2021
Date completion activities began 11/21/2021 Date completion activities ceased 1/26/2022
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 350' Open mine(s) (Y/N) depths No **08/12/2022**
Salt water depth(s) ft 1917' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 971' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by: _____

WR-35
Rev. 8/23/13

API 47-103 - 03405 Farm name William & Delores Gadd Well number Busch 2H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	24"	20"	80'	New	94#, H-40	N/A	Y
Surface	17-1/2"	13-3/8"	438'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2591'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	18817'	New	20#, P-100	N/A	Y
Tubing		2-3/8"	7174'		4.7#, P-110		
Packer type and depth set		N/A					

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	252 sx	15.6	1.18	54	0'	8 Hrs.
Surface	Class A	460 sx	15.8	1.20	95	0'	8 Hrs.
Coal							
Intermediate 1	Class A	920 sx	15.8	1.17	190	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	792 sx (Lead) 3135 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.4 (Lead), 1.32 (Tail)	645	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 18868' MD, 6950' TVD (BHL), 6971' (Deepest Point Drilled) Loggers TD (ft) 18868' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6223'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
 Conductor - 0
 Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface
 Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface
 Production - 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS 08/12/2022

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED N/A

API 47- 103 - 03405 Farm name William & Delores Gadd Well number Busch 2H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	6896' (TOP)	TVD	7224' (TOP) MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2800 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 10300 mcfpd Oil 517 bpd NGL --- bpd Water 629 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	

***PLEASE SEE ATTACHED EXHIBIT 3**

Please insert additional pages as applicable.

Drilling Contractor H & P Drilling
Address 912 N Eagle Valley Rd City Howard State PA Zip 16841

Logging Company Nine Energy Services
Address 6500 West Fwy City Fort Worth State TX Zip 76116

Cementing Company Halliburton Energy Services
Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114

Stimulating Company Halliburton Energy Services
Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114 08/12/2022

Please insert additional pages as applicable.

Completed by Brandi Hankins Telephone 304-842-9759
Signature  Title Completions Technician Date 8/11/22

API 47-103-03405 Farm Name William & Delores Gadd Well Number Busch Unit 2H

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	11/21/2021	18757	18717.6	36	Marcellus
2	11/22/2021	18676.08762	18460.2133	36	Marcellus
3	11/22/2021	18421.90095	18206.0267	36	Marcellus
4	11/23/2021	18167.71429	17951.84	36	Marcellus
5	11/23/2021	17913.52762	17697.6533	36	Marcellus
6	11/23/2021	17659.34095	17443.4667	36	Marcellus
7	11/24/2021	17405.15429	17189.28	36	Marcellus
8	11/24/2021	17150.96762	16935.0933	36	Marcellus
9	11/24/2021	16896.78095	16680.9067	36	Marcellus
10	11/25/2021	16642.59429	16426.72	36	Marcellus
11	11/25/2021	16388.40762	16172.5333	36	Marcellus
12	11/25/2021	16134.22095	15918.3467	36	Marcellus
13	11/26/2021	15880.03429	15664.16	36	Marcellus
14	11/26/2021	15625.84762	15409.9733	36	Marcellus
15	11/26/2021	15371.66095	15155.7867	36	Marcellus
16	11/27/2021	15117.47429	14901.6	36	Marcellus
17	11/27/2021	14863.28762	14647.4133	36	Marcellus
18	11/28/2021	14609.10095	14393.2267	36	Marcellus
19	11/28/2021	14354.91429	14139.04	36	Marcellus
20	11/28/2021	14100.72762	13884.8533	36	Marcellus
21	11/29/2021	13846.54095	13630.6667	36	Marcellus
22	11/29/2021	13592.35429	13376.48	36	Marcellus
23	11/29/2021	13338.16762	13122.2933	36	Marcellus
24	11/30/2021	13083.98095	12868.1067	36	Marcellus
25	11/30/2021	12829.79429	12613.92	36	Marcellus
26	11/30/2021	12575.60762	12359.7333	36	Marcellus
27	12/01/2021	12321.42095	12105.5467	36	Marcellus
28	12/01/2021	12067.23429	11851.36	36	Marcellus
29	12/01/2021	11813.04762	11597.1733	36	Marcellus
30	12/02/2021	11558.86095	11342.9867	36	Marcellus
31	12/02/2021	11304.67429	11088.8	36	Marcellus
32	12/02/2021	11050.48762	10834.6133	36	Marcellus
33	12/03/2021	10796.30095	10580.4267	36	Marcellus
34	12/03/2021	10542.11429	10326.24	36	Marcellus
35	12/03/2021	10287.92762	10072.0533	36	Marcellus
36	12/03/2021	10033.74095	9817.86667	36	Marcellus
37	12/04/2021	9779.554286	9563.68	36	Marcellus
38	12/04/2021	9525.367619	9309.49333	36	Marcellus
39	12/05/2021	9271.180952	9055.30667	36	Marcellus
40	12/05/2021	9016.994286	8801.12	36	Marcellus
41	12/06/2021	8762.807619	8546.93333	36	Marcellus
42	12/08/2021	8508.620952	8292.74667	36	Marcellus
43	12/08/2021	8254.434286	8038.56	36	Marcellus
44	12/08/2021	8000.247619	7784.37333	36	Marcellus
45	12/09/2021	7746.060952	7530.18667	36	Marcellus
46	12/09/2021	7491.874286	7276	36	Marcellus

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API 47-103-03405 Farm Name William & Delores Gadd Well Number Busch Unit 2H

EXHIBIT 2

Stage No.	Stimulations Date	Avg Pump Rate	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)
1	11/21/2021	77.41	8361	8423	4100	176260	229198	N/A
2	11/22/2021	82.72	8600	5516	4306	500660	382218	N/A
3	11/22/2021	82.49	8591	5185	3997	511260	404173	N/A
4	11/23/2021	84.74	8538	5071	4172	507980	383208	N/A
5	11/23/2021	82.84	8554	5053	3964	495410	379790	N/A
6	11/23/2021	83.14	8502	5394	3785	522510	387202	N/A
7	11/24/2021	83.73	8628	6152	4410	509710	367574	N/A
8	11/24/2021	86.78	8751	8540	4340	502520	371950	N/A
9	11/24/2021	89.23	8726	8635	4298	511860	370221	N/A
10	11/25/2021	90.01	8779	6705	4605	524450	373115	N/A
11	11/25/2021	88.1	8707	7051	4311	510330	364010	N/A
12	11/25/2021	87.1	8723	8401	4172	519260	372349	N/A
13	11/26/2021	87.9	8789	6846	4220	513940	375347	N/A
14	11/26/2021	91.16	8802	7891	4374	504040	359877	N/A
15	11/26/2021	91.11	8759	8322	4403	503720	361709	N/A
16	11/27/2021	94.34	8801	5771	4264	517050	375187	N/A
17	11/27/2021	93.86	8804	7476	4350	506830	372508	N/A
18	11/28/2021	92.77	8701	8846	4459	508210	382710	N/A
19	11/28/2021	95.03	8749	8416	4344	520840	376029	N/A
20	11/28/2021	94.76	8751	6882	4118	507710	369121	N/A
21	11/29/2021	96.43	8782	7811	4297	511020	371632	N/A
22	11/29/2021	95.25	8769	8450	4415	518120	373806	N/A
23	11/29/2021	90.74	8781	8310	4422	511980	363202	N/A
24	11/30/2021	94.78	8826	6737	4295	509890	368248	N/A
25	11/30/2021	90.48	8455	7809	4197	506670	369007	N/A
26	11/30/2021	95.61	8832	6678	4307	519610	369788	N/A
27	12/01/2021	97.23	8649	6467	4465	507260	362060	N/A
28	12/01/2021	97.19	8429	6629	4034	523020	367690	N/A
29	12/01/2021	79.31	8466	7080	4109	498560	365014	N/A
30	12/02/2021	98.02	8541	8274	4263	500570	357940	N/A
31	12/02/2021	97.82	8375	7303	4485	510020	362847	N/A
32	12/02/2021	97.59	8338	7268	4435	499880	371881	N/A
33	12/03/2021	97.14	8259	7861	4496	511540	380172	N/A
34	12/03/2021	98.35	8032	6227	4234	507170	374816	N/A
35	12/03/2021	97.9	8107	8228	4436	496550	375227	N/A
36	12/03/2021	98.78	8138	7477	4150	510990	380601	N/A
37	12/04/2021	98.9	8034	7057	4129	516210	380623	N/A
38	12/04/2021	95.68	7722	5581	4195.59	511120	378157	N/A
39	12/05/2021	98.43	7765	6149	4338	507680	374422	N/A
40	12/05/2021	98.05	7598	6475	4275	510360	372923	N/A
41	12/06/2021	98.72	7643	6140	4083	505670	375562	N/A
42	12/08/2021	97.67	7634	6017	4466	512770	388450	N/A
43	12/08/2021	98.47	7545	5785	4154	501530	368870	N/A
44	12/08/2021	98.24	7436	6677	4361	506980	383171	N/A
45	12/09/2021	98.91	7494	6437	3898	506060	373745	N/A
46	12/09/2021	98.84	7297	5825	4108	505220	380225	N/A
	AVG=	93	8,382	6,985	4,262	23,101,000	17,047,575	TOTAL

08/12/2022

API 47-103-03405 Farm Name William & Delores Gadd Well Number Busch Unit 2H

EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Sandstone	75	210	75	210
Silty Sandstone	210	240	210	240
Shaly sandstone	240	270	240	270
Silty Sandstone	270	420	270	420
Shaly sandstone	420	490	420	490
Silty Sandstone	490	600	490	600
Shale	600	810	600	810
Silty Sandstone	810	1,070	810	1,070
Shale w/coal interbeds	1,070	1,230	1,070	1,230
Sandy shale	1,230	1,320	1,230	1,320
Shale	1,320	1,410	1,320	1,410
Sandy shale	1,410	1,710	1,410	1,710
Shaly sandstone	1,710	2,132	1,710	2,178
Big Lime	2,162	2,580	2,148	2,602
Fifty Foot Sandstone	2,580	2,758	2,572	2,783
Gordon	2,758	3,001	2,753	3,031
Fifth Sandstone	3,001	3,043	3,001	3,073
Bayard	3,043	3,993	3,043	4,044
Speechley	3,993	4,116	4,014	4,169
Balltown	4,116	4,598	4,139	4,660
Bradford	4,598	5,144	4,630	5,217
Benson	5,144	5,567	5,187	5,650
Alexander	5,567	6,726	5,620	6,884
Sycamore	6,574	6,696	6,697	6,854
Middlesex	6,696	6,792	6,854	6,997
Burkett	6,792	6,825	6,997	7,055
Tully	6,825	6,896	7,055	7,224
Marcellus	6,896	NA	7,224	NA

*Please note Antero determines formation tops based on mud logs that are only run on one well on a multi-well pad. The measured depth (MD) data on subsequent wells may be slightly different due to the well's unique departure.

08/12/2022

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/21/2021
Job End Date:	12/9/2021
State:	West Virginia
County:	Wetzel
API Number:	47-103-03405-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	BUSCH UNIT 2H
Latitude:	39.54991100
Longitude:	-80.75558900
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,971
Total Base Water Volume (gal):	17,636,126
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Produced Water	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	86.52314	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.06365	

HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
FLUID Enviro-Syn HCR-7000-WL	Fluid Energy Group	Acid Replacement					
				Listed Below			
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
Excelerate LX-15	Halliburton	Friction Reducer					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				Listed Below			

Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.

			Crystalline silica, quartz	14808-60-7	100.00000	13.33341	
			Complex Amine Compound	Proprietary	60.00000	0.03329	
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01664	
			Proprietary	Proprietary	20.00000	0.01059	
			Hydrochloric acid	7647-01-0	30.00000	0.00663	
			Proprietary	Proprietary	10.00000	0.00529	
			Guar gum	9000-30-0	100.00000	0.00454	
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00277	
			Surfactant	Proprietary	5.00000	0.00277	
			Glutaraldehyde	111-30-8	30.00000	0.00248	
			Ethoxylated alcohols	Proprietary	5.00000	0.00056	
			Organic chloride compound	Proprietary	1.00000	0.00055	
			Alkoxyated polyhydric alcohol	Proprietary	1.00000	0.00055	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00041	
			Ammonium persulfate	7727-54-0	100.00000	0.00011	
			Ethanol	64-17-5	1.00000	0.00008	
			Methanol	67-56-1	100.00000	0.00004	
			Oxylated phenolic resin	Proprietary	30.00000	0.00003	
			Modified thiourea polymer	Proprietary	30.00000	0.00001	
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00001	
			Sodium hydroxide	1310-73-2	0.01000	0.00001	
			Formaldehyde	50-00-0	0.01000	0.00001	
			Organic salt #1	Proprietary	0.01000	0.00001	
			Organic salt #2	Proprietary	0.01000	0.00001	

			Sodium glycolate	2836-32-0	0.01000	0.00001	
			Nitrated acetate salt	Proprietary	0.01000	0.00001	
			Acrylamide	79-06-1	0.01000	0.00001	
			Hexadecene	629-73-2	5.00000	0.00000	
			Propargyl alcohol	107-19-7	5.00000	0.00000	
			C.I. pigment Orange 5	3468-63-1	1.00000	0.00000	

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

1,576' to Top Hole

6,494' 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 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.

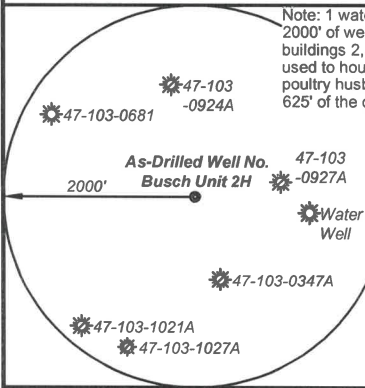
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



SEAL

Note: 1 water well was found within 2000' of 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.

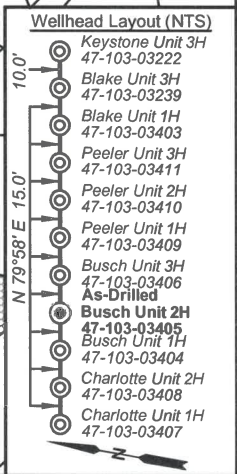
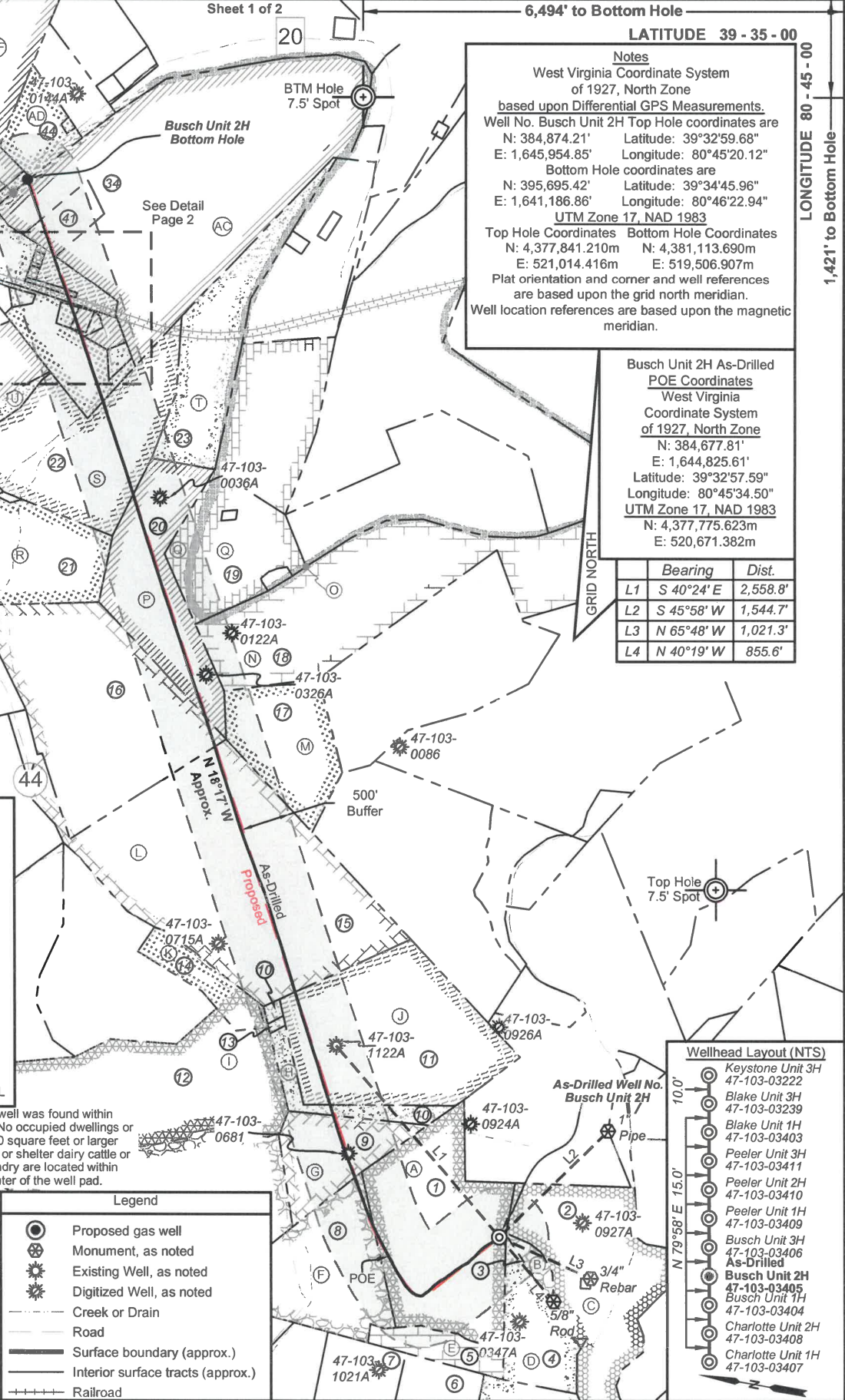


Legend	
	Proposed gas well
	Monument, as noted
	Existing Well, as noted
	Digitized Well, as noted
	Creek or Drain
	Road
	Surface boundary (approx.)
	Interior surface tracts (approx.)
	Railroad

Notes
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Busch Unit 2H Top Hole coordinates are
N: 384,874.21' Latitude: 39°32'59.68"
E: 1,645,954.85' Longitude: 80°45'20.12"
Bottom Hole coordinates are
N: 395,695.42' Latitude: 39°34'45.96"
E: 1,641,186.86' Longitude: 80°46'22.94"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,377,841.210m N: 4,381,113.690m
E: 521,014.416m E: 519,506.907m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Busch Unit 2H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 384,677.81'
E: 1,644,825.61'
Latitude: 39°32'57.59"
Longitude: 80°45'34.50"
UTM Zone 17, NAD 1983
N: 4,377,775.623m
E: 520,671.382m

Bearing	Dist.
L1 S 40°24' E	2,558.8'
L2 S 45°58' W	1,544.7'
L3 N 65°48' W	1,021.3'
L4 N 40°19' W	855.6'



FILE NO: 235-34-G-17
DRAWING NO: Busch 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 2022
OPERATOR'S WELL NO. Busch Unit 2H
API WELL NO
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); Richards Resources; WVDNR; Robert D. Loy, et ux; COUNTY: Wetzel
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) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,868' MD 6,950' TVD

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

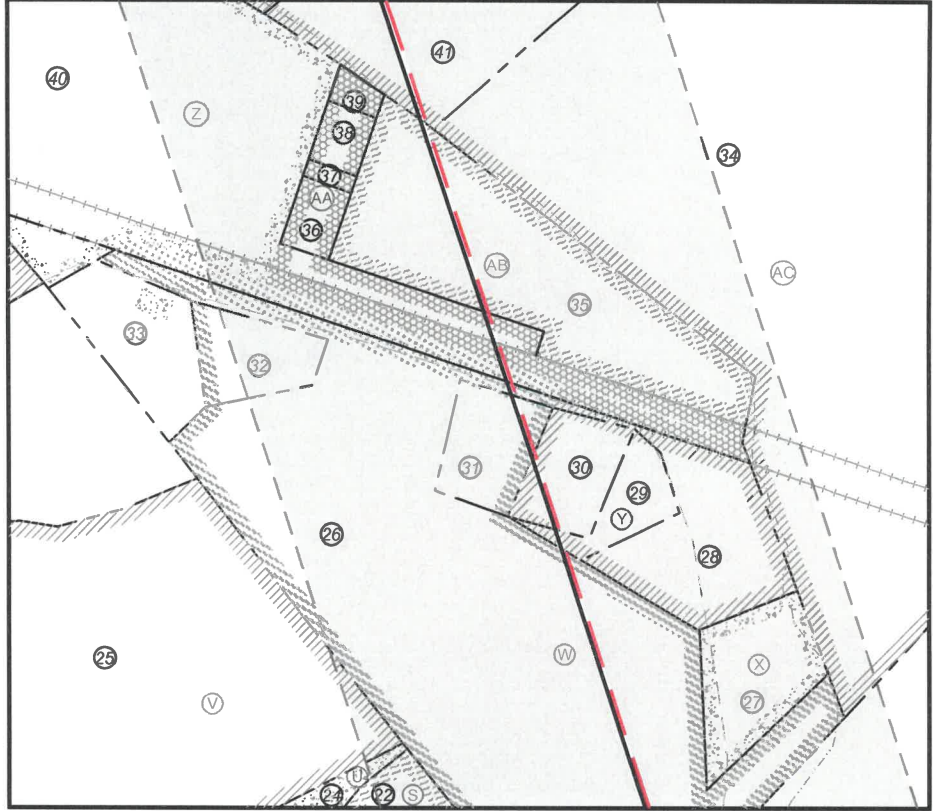
08/12/2022

Antero Resources
Well No. Busch 2H
As-Drilled
 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	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	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	William 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	0.56
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	12-8	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. McDiffitt	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. Rodgers	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 As-Drilled
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 CORS, Monroe County, OH



DATE: March 16 2022
 OPERATOR'S WELL NO. Busch Unit 2H
 API WELL NO
 47 - 103 - 03405
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
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 ROYALTY OWNER: Shiben Estates, Inc.; Mildred Caseman; Bounty Minerals, LLC;
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 18,868' MD

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 Denver, CO 80202 Charleston, WV 25313