

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

API 47 - 103 - 03406 County Wetzel District Green
Quad Porter Falls Pad Name Gadd Field/Pool Name ----
Farm name William & Delores Gadd Well Number Busch 3H
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 4377842m Easting 521019m
Landing Point of Curve Northing 4378107.30m Easting 520784.03m
Bottom Hole Northing 4381272m Easting 519717m

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 7/25/2021 Date drilling ceased 9/15/2021
Date completion activities began 11/21/2021 Date completion activities ceased 1/29/2022
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 - 03406 Farm name William & Delores Gadd Well number Busch 3H

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"	441'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2587'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	19066'	New	20#, P-100	N/A	Y
Tubing		2-3/8"	7120'		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	910 sx	15.8	1.17	187	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)	658	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 19116' MD, 6954' TVD (BHL), 6988' (Deepest Point Drilled) Loggers TD (ft) 19116' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6132

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 - 03406 Farm name William & Delores Gadd Well number Busch 3H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	6908' (TOP)	TVD	7191' (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 10571 mcfpd Oil 526 bpd NGL --- bpd Water 586 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
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***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 47-103-03406 Farm Name <u>William & Delores Gadd</u> Well Number <u>Busch Unit 3H</u>					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	11/21/2021	18999.9	18957.6	36	Marcellus
2	11/21/2021	18916.02919	18699.8043	36	Marcellus
3	11/22/2021	18661.43354	18445.2087	36	Marcellus
4	11/22/2021	18406.83789	18190.613	36	Marcellus
5	11/23/2021	18152.24224	17936.0174	36	Marcellus
6	11/23/2021	17897.64658	17681.4217	36	Marcellus
7	11/24/2021	17643.05093	17426.8261	36	Marcellus
8	11/24/2021	17388.45528	17172.2304	36	Marcellus
9	11/24/2021	17133.85963	16917.6348	36	Marcellus
10	11/25/2021	16879.26398	16663.0391	36	Marcellus
11	11/25/2021	16624.66832	16408.4435	36	Marcellus
12	11/25/2021	16370.07267	16153.8478	36	Marcellus
13	11/26/2021	16115.47702	15899.2522	36	Marcellus
14	11/26/2021	15860.88137	15644.6565	36	Marcellus
15	11/26/2021	15606.28571	15390.0609	36	Marcellus
16	11/27/2021	15351.69006	15135.4652	36	Marcellus
17	11/27/2021	15097.09441	14880.8696	36	Marcellus
18	11/28/2021	14842.49876	14626.2739	36	Marcellus
19	11/28/2021	14587.90311	14371.6783	36	Marcellus
20	11/28/2021	14333.30745	14117.0826	36	Marcellus
21	11/29/2021	14078.7118	13862.487	36	Marcellus
22	11/29/2021	13824.11615	13607.8913	36	Marcellus
23	11/29/2021	13569.5205	13353.2957	36	Marcellus
24	11/30/2021	13314.92484	13098.7	36	Marcellus
25	11/30/2021	13060.32919	12844.1043	36	Marcellus
26	11/30/2021	12805.73354	12589.5087	36	Marcellus
27	12/01/2021	12551.13789	12334.913	36	Marcellus
28	12/01/2021	12296.54224	12080.3174	36	Marcellus
29	12/01/2021	12041.94658	11825.7217	36	Marcellus
30	12/01/2021	11787.35093	11571.1261	36	Marcellus
31	12/02/2021	11532.75528	11316.5304	36	Marcellus
32	12/02/2021	11278.15963	11061.9348	36	Marcellus
33	12/02/2021	11023.56398	10807.3391	36	Marcellus
34	12/03/2021	10768.96832	10552.7435	36	Marcellus
35	12/03/2021	10514.37267	10298.1478	36	Marcellus
36	12/03/2021	10259.77702	10043.5522	36	Marcellus
37	12/04/2021	10005.18137	9788.95652	36	Marcellus
38	12/04/2021	9750.585714	9534.36087	36	Marcellus
39	12/05/2021	9495.99062	9279.76522	36	Marcellus
40	12/05/2021	9241.39441	9025.16957	36	Marcellus
41	12/05/2021	8986.798758	8770.57391	36	Marcellus
42	12/08/2021	8732.203106	8515.97826	36	Marcellus
43	12/08/2021	8477.607453	8261.38261	36	Marcellus
44	12/08/2021	8223.011801	8006.78696	36	Marcellus
45	12/09/2021	7968.416149	7752.1913	36	Marcellus
46	12/09/2021	7713.820497	7497.59565	36	Marcellus
47	12/09/2021	7459.224845	7243	36	Marcellus

08/12/2022

API 47-103-03406 Farm Name William & Delores Gadd Well Number Busch Unit 3H

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	74.24	8351	8256	3840	178780	246314	N/A
2	11/21/2021	83	8623	5581	4337	497280	386771	N/A
3	11/22/2021	79.46	8551	5580	4122	500080	337201	N/A
4	11/22/2021	82.49	8497	5352	4236	508340	389611	N/A
5	11/23/2021	82.62	8562	6890	4146	499510	380223	N/A
6	11/23/2021	82.21	8559	5104	4035	508060	383664	N/A
7	11/24/2021	83.03	8630	6728	4402	523210	373447	N/A
8	11/24/2021	84.68	8819	8639	4502	509656	371535	N/A
9	11/24/2021	88.62	8742	8627	4295	512300	367720	N/A
10	11/25/2021	88.57	8772	7863	4292	510370	366967	N/A
11	11/25/2021	87.58	8637	8388	4298	503930	364622	N/A
12	11/25/2021	89.23	8816	8449	4141	506650	364312	N/A
13	11/26/2021	90.36	8806	6610	4248	505140	368728	N/A
14	11/26/2021	90.65	8815	8220	4419	526020	368016	N/A
15	11/26/2021	95.12	8847	8071	4353	513200	369464	N/A
16	11/27/2021	92.73	8826	5694	4305	505600	369788	N/A
17	11/27/2021	92.65	8428	8482	4096	518660	384225	N/A
18	11/28/2021	94.51	8781	4061	4533	520560	372529	N/A
19	11/28/2021	94.1	8706	8500	4330	516660	370364	N/A
20	11/28/2021	95.72	8817	8580	4162	518720	372837	N/A
21	11/29/2021	96.31	8728	7549	4298	503880	368252	N/A
22	11/29/2021	96.11	8735	8352	4470	514930	369017	N/A
23	11/29/2021	93.44	8795	7713	4407	507770	373721	N/A
24	11/30/2021	95.5	8805	7203	4443	510720	367350	N/A
25	11/30/2021	92.87	8625	7623	4656	509270	365155	N/A
26	11/30/2021	94.18	8578	7325	4652	505760	364031	N/A
27	12/01/2021	98.09	8562	6994	4464	516530	367937	N/A
28	12/01/2021	97.44	8539	7832	4482	504400	367023	N/A
29	12/01/2021	96.9	8372	6816	4259	509970	368456	N/A
30	12/01/2021	98.23	8573	7038	4088	504930	360580	N/A
31	12/02/2021	98.07	8172	5818	4146	519600	366837	N/A
32	12/02/2021	98.24	8182	6919	4050	508360	362958	N/A
33	12/02/2021	98.25	8240	6890	4300	509720	381622	N/A
34	12/03/2021	98.89	8123	6828	4753	517680	389979	N/A
35	12/03/2021	98.4	8009	6858	4598	518430	378224	N/A
36	12/03/2021	98.98	7985	6997	4391	511210	381529	N/A
37	12/04/2021	99.24	8025	6945	4403	514660	385629	N/A
38	12/04/2021	97.85	7889	6143	4249	504960	379798	N/A
39	12/05/2021	99.34	7796	5944	4303	508640	380798	N/A
40	12/05/2021	97.91	7650	6217	4023	516460	382857	N/A
41	12/05/2021	98.76	7783	7967	4165	505220	383047	N/A
42	12/08/2021	98.45	7734	5637	4452	503920	379773	N/A
43	12/08/2021	96.77	7310	4598	4154	508340	380609	N/A
44	12/08/2021	98.33	7495	5754	4365	505980	380310	N/A
45	12/09/2021	99.09	7546	6326	4169	513650	385733	N/A
46	12/09/2021	98.57	7417	5789	4444	516690	380556	N/A
47	12/09/2021	99.08	7245	5620	4266	513890	380978	N/A
	AVG=	93	8,351	6,923	4,309	23,668,296	17,441,097	TOTAL

08/12/2022

API 47-103-03406 Farm Name William & Delores Gadd Well Number Busch Unit 3H

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	2,136	1,710	2,172
Big Lime	2,166	2,578	2,142	2,588
Fifty Foot Sandstone	2,578	2,756	2,558	2,767
Gordon	2,756	3,004	2,737	3,018
Fifth Sandstone	3,004	3,049	2,988	3,063
Bayard	3,049	3,993	3,033	4,012
Speechley	3,993	4,116	3,982	4,135
Balltown	4,116	4,599	4,105	4,621
Bradford	4,599	5,142	4,591	5,170
Benson	5,142	5,568	5,140	5,599
Alexander	5,568	6,734	5,569	6,817
Sycamore	6,582	6,704	6,637	6,787
Middlesex	6,704	6,802	6,787	6,936
Burkett	6,802	6,833	6,936	6,991
Tully	6,833	6,908	6,991	7,191
Marcellus	6,908	NA	7,191	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:	47-103-03406-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	BUSCH UNIT 3H
Latitude:	39.54991900
Longitude:	-80.75553600
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,988
Total Base Water Volume (gal):	18,066,313
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	86.52115	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.06392	

Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
HYDROCHLORI C ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
Excelerate LX-15	Halliburton	Friction Reducer					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
FLUID Enviro- Syn HCR-7000- WL	Fluid Energy Group	Acid Replacement					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				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	13.33525
			Complex Amine Compound	Proprietary	60.00000	0.03310
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01655
			Proprietary	Proprietary	20.00000	0.01059
			Hydrochloric acid	7647-01-0	30.00000	0.00676
			Proprietary	Proprietary	10.00000	0.00530
			Guar gum	9000-30-0	100.00000	0.00451
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00276
			Surfactant	Proprietary	5.00000	0.00276
			Glutaraldehyde	111-30-8	30.00000	0.00249
			Ethoxylated alcohols	Proprietary	5.00000	0.00055
			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
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00001
			Modified thiourea polymer	Proprietary	30.00000	0.00001
			Acrylamide	79-06-1	0.01000	0.00001
			Organic salt #1	Proprietary	0.01000	0.00001
			Sodium glycolate	2836-32-0	0.01000	0.00001
			Nitrated acetate salt	Proprietary	0.01000	0.00001

			Organic salt #2	Proprietary	0.01000	0.00001	
			Formaldehyde	50-00-0	0.01000	0.00001	
			Sodium hydroxide	1310-73-2	0.01000	0.00001	
			Propargyl alcohol	107-19-7	5.00000	0.00000	
			Hexadecene	629-73-2	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)

1,561' to Top Hole

5,803' to Bottom Hole

LATITUDE 39 - 35 - 00

LONGITUDE 80 - 45 - 00

12,170' to Top Hole

Sheet 1 of 2

Antero Resources
Well No. Busch 3H
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.

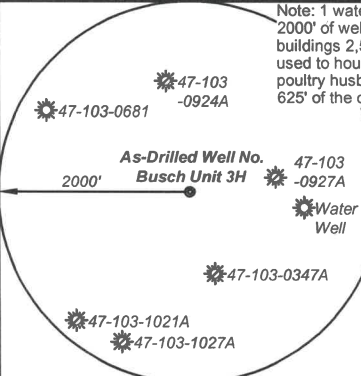
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

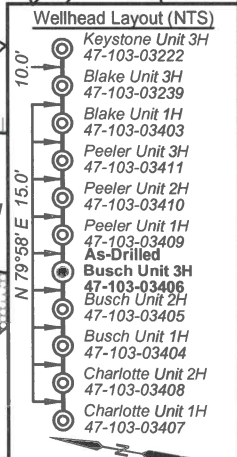
- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- Railroad

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Busch Unit 3H Top Hole coordinates are N: 384,876.95' Latitude: 39°32'59.71" E: 1,645,970.05' Longitude: 80°45'19.93" Bottom Hole coordinates are N: 396,203.46' Latitude: 39°34'51.08" E: 1,641,885.04' Longitude: 80°46'14.12" UTM Zone 17, NAD 1983 Top Hole Coordinates Bottom Hole Coordinates N: 4,377,842.123m N: 4,381,272.025m E: 521,019.033m E: 519,717.035m 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 3H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 384,893.15' E: 1,645,545.55' Latitude: 39°32'59.81" Longitude: 80°45'25.35" UTM Zone 17, NAD 1983
N: 4,377,844.896m E: 520,889.624m

	Bearing	Dist.
L1	S 40°42' E	2,566.6'
L2	S 45°38' W	1,531.8'
L3	N 65°18' W	1,008.6'
L4	N 39°25' W	847.9'

GRID NORTH



FILE NO: 235-34-G-17
DRAWING NO: Busch 3H Well Plat
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 3H
API WELL NO
47 - 103 - 03406
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. & Donald VanDyke (2); Rita Cain Sherman; Richards Resources; COUNTY: Wetzel 08/12/2022
SURFACE OWNER: Delores J. Gadd Bradley Warren Ueltschy; Ridgetop Royalties, LLC; Richard B. Dallison, et ux; ACREAGE: 60.5 1.35; 20.06; 57.38; 40; 138;
ROYALTY OWNER: Shiben Estates, Inc. (2); Mildred Caseman; Sielger Family Trust; WDNR (2); LEASE NO: ACREAGE: 60.5; 123.8; 67.65; 13; 66.5; 51.07; 37;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,954' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,116' 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. Busch 3H
As-Drilled
 Antero Resources Corporation



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	16-47	William M. Greenawalt & Lee A. Niezgodka	387/1	12.00
6	16-10	Loren & Shirley Haught	444/434	100.48
7	16-21.3	Mildred E. Caseman	WB45/396	12.00
8	16-21.2	Mildred E. Caseman	WB45/396	20.06
9	16-9	Richard A. & Susan L. Gardner	341/281	66.50
10	12-55	Bradley W. Ueltschy	330/37	100.00
11	12-56	Ronald K. Burgess	WB25/275	69.37
12	12-51	James Gail Morgan, Jr.	300/3	60.00
13	12-41	Robert W. & Bradley W. Ueltschy	341/261	29.00
14	13-27	Donald P. Vandyke & Mark L. Vandyke	410/241	123.80
15	12-42.2	Donald P. Vandyke & Mark L. Vandyke	410/241	1.00
16	12-42	Donald P. Vandyke & Mark L. Vandyke	410/241	29.65
17	12-42.1	Donald P. Vandyke & Mark L. Vandyke	410/241	0.35
18	12-50	Richard B. & Jaynee C. Dallison	399/288	37.00
19	12-32	Donald P. Vandyke & Mark L. Vandyke	410/241	38.00
20	12-30	Martin E. Rogers	363/413	51.08
21	12-31	Bruce Allen Lawhorne, et al	419/878	40.00
22	12-20.1	Benita K. & Jerome E. Staley, II	415/329	13.34
23	12-29	Benita K. & Jerome E. Staley, II	415/329	1.50
24	12-28	Benita K. & Jerome E. Staley, II	415/329	2.05
25	12-10	Charles & Wilda Lee Loy	299/009	4.85
26	12-11	Timothy L. & Michael A. McDiffitt	385/189	131.34
27	12-11.1	Timothy L. & Tammy D. McDiffitt	431/389	6.66
28	7-54	James Ronald Long	283/207	10.00
29	7-55	Cheryl Janette & Gary Lyn Harman	420/756	0.25
30	7-56	April D. Lancaster	410/707	8.80
31	8-35	George Woofter	286/203	1.00
32	8-36	Holbert W. Carrel Sr.	416/390	72.68

Leases	
A	Shiben Estates, Inc.
B	David A. Dickey
C	Sandra Rose Conley
D	John W. Bertram
E	BRC Appalachian Minerals I, LLC
F	Gordon Cummings
G	Mildred Caseman
H	Sielger Family Trust
I	Thomas E. Morris
J	Chesapeake Appalachia, LLC
K	Lee & Hall Royalties
L	Bradley Warren Ueltschy
M	James Gail Morgan, Jr.
N	Shiben Estates, Inc.
O	WV Division of Natural Resources
P	Donald VanDyke
Q	Richard B. Dallison, et ux
R	Donald VanDyke
S	Ridgetop Royalties, LLC
T	Rita Cain Sherman
U	Bounty Minerals, LLC
V	Benita K. & Jerome E. Staley, II
W	Raymond P. Gaston, et ux
X	Raymond P. Gaston, et ux
Y	Richards Resources
Z	WV Division of Natural Resources
AA	Robert D. Loy, et ux
AB	CNX Transportation, Inc.



FILE NO: 235-34-G-17
 DRAWING NO: Busch 3H Well Plat
 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 3H
 API WELL NO
47 — 103 — 03406
 STATE COUNTY PERMIT

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 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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