

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

API 47 - 103 - 03735 County Wetzel District Green
Quad Pine Grove 7.5' Pad Name Galmish Field/Pool Name -----
Farm name Dallison Lumber Company Inc. Well Number Bucher Unit 1H
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 4380972m Easting 526122m
Landing Point of Curve Northing 4381046m Easting 526047m
Bottom Hole Northing 4386668m Easting 524102m

Elevation (ft) 1160' 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 6/25/2025 Date drilling commenced 7/21/2025 Date drilling ceased 10/11/2025
Date completion activities began 11/8/2025 Date completion activities ceased 1/13/2026
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 45', 130' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1961' Void(s) encountered (Y/N) depths No
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

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Reviewed by:

SMY
05/22/2026

WR-35
Rev. 8/23/13

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API 47- 103 - 03735

Farm name Dallison Lumber Company Inc. Well number Bucher Unit 1H

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	28"	20"	130'	New	94#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	381'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3533'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	27134'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	7111'		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	200 sx	15.6	1.18	236	0'	8 Hrs.
Surface	Class A	390 sx	15.8	1.17	456	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1240 sx	15.8	1.15	1426	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	5555 sx (Tail)	13.5 (Spacer), 15.2 (Tail)	1.31 (Tail)	7277	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 27,134' MD, 7,049' TVD (BHL), 7,082' TVD (Deepest Point Drilled)

Loggers TD (ft) 27,094' MD

Deepest formation penetrated Marcellus

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 6,210'

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 _____

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WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS _____

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

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API 47- 103 - 03735 Farm name Dallison Lumber Company Inc. Well number Bucher Unit 1H

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

[illegible]

STIMULATION INFORMATION PER STAGE

[illegible][illegible]

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
Marcellus	7,035' (TOP) TVD	7,315' (TOP) MD

GAS TEST ☐ Build up ☐ Drawdown ☒ Open Flow OIL TEST ☒ Flow ☐ Pump

SHUT-IN PRESSURE Surface _____psi Bottom Hole _____psi DURATION OF TEST _____ hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY

15,647.75 mcfpd 576.56 bpd _____ bpd 963.70 bpd ☐ 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**

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Please insert additional pages as applicable.

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Stimulating Company NexTier
Address 1650 Hackers Creek Rd City Jane Lew State WV Zip 26378

Completed by Stefan Gaspar Telephone 303-357-6959
Signature *SG* Title Permitting Agent Date 5/7/26

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

05/22/2026

API 47-103-03735 Farm Name <u>Hallison Lumber Company Inc.</u> Well Number <u>Bucher Unit 1H</u>					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	11/8/2025	27068.4	27053.6	36	Marcellus
2	11/8/2025	27014.87381	26849.2429	36	Marcellus
3	11/9/2025	26813.71667	26648.0857	36	Marcellus
4	11/9/2025	26612.55952	26446.9286	36	Marcellus
5	11/10/2025	26411.40238	26245.7714	36	Marcellus
6	11/10/2025	26210.24524	26044.6143	36	Marcellus
7	11/11/2025	26009.0881	25843.4571	36	Marcellus
8	11/11/2025	25807.93095	25642.3	36	Marcellus
9	11/11/2025	25606.77381	25441.1429	36	Marcellus
10	11/12/2025	25405.61667	25239.9857	36	Marcellus
11	11/12/2025	25204.45952	25038.8286	36	Marcellus
12	11/13/2025	25003.30238	24837.6714	36	Marcellus
13	11/13/2025	24802.14524	24636.5143	36	Marcellus
14	11/14/2025	24600.9881	24435.3571	36	Marcellus
15	11/14/2025	24399.83095	24234.2	36	Marcellus
16	11/15/2025	24198.67381	24033.0429	36	Marcellus
17	11/15/2025	23997.51667	23831.8857	36	Marcellus
18	11/15/2025	23796.35952	23630.7286	36	Marcellus
19	11/16/2025	23595.20238	23429.5714	36	Marcellus
20	11/16/2025	23394.04524	23228.4143	36	Marcellus
21	11/17/2025	23192.8881	23027.2571	36	Marcellus
22	11/17/2025	22991.73095	22826.1	36	Marcellus
23	11/17/2025	22790.57381	22624.9429	36	Marcellus
24	11/18/2025	22589.41667	22423.7857	36	Marcellus
25	11/18/2025	22388.25952	22222.6286	36	Marcellus
26	11/19/2025	22187.10238	22021.4714	36	Marcellus
27	11/19/2025	21985.94524	21820.3143	36	Marcellus
28	11/19/2025	21784.7881	21619.1571	36	Marcellus
29	11/20/2025	21583.63095	21418	36	Marcellus
30	11/20/2025	21382.47381	21216.8429	36	Marcellus
31	11/21/2025	21181.31667	21015.6857	36	Marcellus
32	11/21/2025	20980.15952	20814.5286	36	Marcellus
33	11/21/2025	20779.00238	20613.3714	36	Marcellus
34	11/22/2025	20577.84524	20412.2143	36	Marcellus
35	11/22/2025	20376.6881	20211.0571	36	Marcellus
36	11/22/2025	20175.53095	20009.9	36	Marcellus
37	11/23/2025	19974.37381	19808.7429	36	Marcellus
38	11/23/2025	19773.21667	19607.5857	36	Marcellus
39	11/23/2025	19572.05952	19406.4286	36	Marcellus
40	11/24/2025	19370.90238	19205.2714	36	Marcellus
41	11/24/2025	19169.74524	19004.1143	36	Marcellus
42	11/24/2025	18968.5881	18802.9571	36	Marcellus
43	11/24/2025	18767.43095	18601.8	36	Marcellus
44	11/25/2025	18566.27381	18400.6429	36	Marcellus
45	11/25/2025	18365.11667	18199.4857	36	Marcellus
46	11/25/2025	18163.95952	17998.3286	36	Marcellus
47	11/26/2025	17962.80238	17797.1714	36	Marcellus
48	11/26/2025	17761.64524	17596.0143	36	Marcellus
49	11/26/2025	17560.4881	17394.8571	36	Marcellus
50	11/26/2025	17359.33095	17193.7	36	Marcellus
51	11/27/2025	17158.17381	16992.5429	36	Marcellus
52	11/27/2025	16957.01667	16791.3857	36	Marcellus
53	11/27/2025	16755.85952	16590.2286	36	Marcellus
54	11/27/2025	16554.70238	16389.0714	36	Marcellus
55	11/28/2025	16353.54524	16187.9143	36	Marcellus
56	11/28/2025	16152.3881	15986.7571	36	Marcellus
57	11/28/2025	15951.23095	15785.6	36	Marcellus
58	11/28/2025	15750.07381	15584.4429	36	Marcellus
59	11/29/2025	15548.91667	15383.2857	36	Marcellus
60	11/29/2025	15347.75952	15182.1286	36	Marcellus
61	11/29/2025	15146.60238	14980.9714	36	Marcellus
62	11/29/2025	14945.44524	14779.8143	36	Marcellus
63	11/30/2025	14744.2881	14578.6571	36	Marcellus
64	11/30/2025	14543.13095	14377.5	36	Marcellus
65	11/30/2025	14341.97381	14176.3429	36	Marcellus
66	12/1/2025	14140.81667	13975.1857	36	Marcellus
67	12/1/2025	13939.65952	13774.0286	36	Marcellus
68	12/1/2025	13738.50238	13572.8714	36	Marcellus
69	12/2/2025	13537.34524	13371.7143	36	Marcellus
70	12/2/2025	13336.1881	13170.5571	36	Marcellus
71	12/3/2025	13135.03095	12969.4	36	Marcellus
72	12/3/2025	12933.87381	12768.2429	36	Marcellus
73	12/4/2025	12732.71667	12567.0857	36	Marcellus
74	12/5/2025	12531.55952	12365.9286	36	Marcellus
75	12/5/2025	12330.40238	12164.7714	36	Marcellus
76	12/5/2025	12129.24524	11963.6143	36	Marcellus
77	12/6/2025	11928.0881	11762.4571	36	Marcellus
78	12/6/2025	11726.93095	11561.3	36	Marcellus
79	12/6/2025	11525.77381	11360.1429	36	Marcellus
80	12/7/2025	11324.61667	11158.9857	36	Marcellus
81	12/7/2025	11123.45952	10957.8286	36	Marcellus
82	12/7/2025	10922.30238	10756.6714	36	Marcellus
83	12/8/2025	10721.14524	10555.5143	36	Marcellus
84	12/8/2025	10519.9881	10354.3571	36	Marcellus
85	12/8/2025	10318.83095	10153.2	36	Marcellus
86	12/9/2025	10117.67381	9952.04286	36	Marcellus
87	12/9/2025	9916.51667	9750.88571	36	Marcellus
88	12/9/2025	9715.359524	9549.72857	36	Marcellus
89	12/9/2025	9514.202381	9348.57143	36	Marcellus
90	12/10/2025	9313.045238	9147.41429	36	Marcellus
91	12/10/2025	9111.888095	8946.25714	36	Marcellus
92	12/11/2025	8910.730952	8745.1	36	Marcellus
93	12/11/2025	8709.57381	8543.94286	36	Marcellus
94	12/11/2025	8508.41667	8342.78571	36	Marcellus
95	12/12/2025	8307.259524	8141.62857	36	Marcellus
96	12/12/2025	8106.102381	7940.47143	36	Marcellus
97	12/12/2025	7904.945238	7739.31429	36	Marcellus
98	12/12/2025	7703.788095	7538.15714	36	Marcellus
99	12/12/2025	7502.630952	7337	36	Marcellus

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APR 27, 2024 235 Farm Name: Dillion Lumber Company Inc. Well Number: Dillion LUM 131									
EXHIBIT 2									
Stage No.	Simulations Date	Avg Pump Rate	Avg Treatment Pressure	Max Breakdown Pressure	ILUP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other	
1	11/6/2023	52.4	10542	5737	5239	111820	416	N/A	
2	11/6/2023	76.8	10542	6004	5406	99100	702	N/A	
3	11/6/2023	76.8	10542	6004	5406	99100	702	N/A	
4	11/6/2023	88.3	11080	6483	5647	415000	765	N/A	
5	11/10/2023	78.8	10837	5367	5847	415000	721	N/A	
6	11/10/2023	87.8	11160	6688	5375	405860	7315	N/A	
7	11/11/2023	84.7	10859	5480	5687	405860	7315	N/A	
8	11/11/2023	84.6	10859	5480	5687	405860	7315	N/A	
9	11/11/2023	89.6	11258	5999	5612	412000	7080	N/A	
10	11/12/2023	87.4	11079	5871	4259	411440	7273	N/A	
11	11/12/2023	95.2	11489	6954	5226	412200	7385	N/A	
12	11/13/2023	94.4	11483	6100	5726	414800	7390	N/A	
13	11/13/2023	92.3	11463	5789	5082	418360	7390	N/A	
14	11/14/2023	93.3	11463	5789	5082	418360	7390	N/A	
15	11/14/2023	91.6	11250	6189	4991	408120	7231	N/A	
16	11/15/2023	95	11250	6411	5954	416760	7347	N/A	
17	11/15/2023	94.8	11308	6149	6039	414800	7397	N/A	
18	11/15/2023	93.3	11361	5941	4149	415900	7397	N/A	
19	11/16/2023	96.6	11388	5644	4900	416200	7336	N/A	
20	11/17/2023	97.8	11458	6001	5956	415800	7153	N/A	
21	11/17/2023	97.8	10981	5567	4964	415800	7386	N/A	
22	11/17/2023	97.5	10986	5948	5427	411300	7107	N/A	
23	11/18/2023	98	10719	5426	4909	408760	7121	N/A	
24	11/18/2023	97.8	10653	4818	5982	409360	7122	N/A	
25	11/18/2023	97.5	10653	4818	5982	409360	7122	N/A	
26	11/19/2023	97.8	11182	6348	5211	418100	7294	N/A	
27	11/20/2023	95.8	10982	6388	5211	418100	7294	N/A	
28	11/20/2023	94.8	11157	5900	5211	418100	7294	N/A	
29	11/20/2023	94.8	11157	5900	5211	418100	7294	N/A	
30	11/21/2023	97.8	11059	7328	4875	414500	7385	N/A	
31	11/21/2023	92.5	11059	7328	4875	414500	7385	N/A	
32	11/21/2023	97.7	11002	6502	5489	407740	7163	N/A	
33	11/22/2023	97.6	11082	6566	5271	412800	7163	N/A	
34	11/22/2023	97.7	11317	7305	5041	411440	7123	N/A	
35	11/22/2023	94.9	11161	7538	5544	411460	7192	N/A	
36	11/23/2023	95.6	11289	6238	5764	408460	7058	N/A	
37	11/23/2023	96.7	11388	7724	5121	416420	7170	N/A	
38	11/23/2023	98.1	10854	7028	5923	402460	7026	N/A	
39	11/24/2023	98.6	10864	5910	5682	419320	7174	N/A	
40	11/24/2023	94.5	11109	5910	5682	409000	7260	N/A	
41	11/24/2023	96.5	10983	5135	5558	417460	7213	N/A	
42	11/24/2023	96.5	11333	6357	5393	395960	6889	N/A	
43	11/24/2023	97.6	11333	6357	5393	395960	6889	N/A	
44	11/25/2023	92.2	10800	5145	4923	415900	7118	N/A	
45	11/25/2023	98.1	10720	5075	5001	415560	7159	N/A	
46	11/26/2023	97.8	10604	6218	5419	415560	7159	N/A	
47	11/26/2023	98.6	10628	5871	5184	409320	7080	N/A	
48	11/26/2023	96.2	10214	5423	5960	412560	7174	N/A	
49	11/26/2023	95.7	10513	5739	5478	412100	7121	N/A	
50	11/27/2023	97.7	10341	5792	4691	413900	7297	N/A	
51	11/27/2023	98.5	10418	5064	4285	419640	7252	N/A	
52	11/27/2023	92.1	9674	5393	5119	410920	7036	N/A	
53	11/27/2023	97.7	10421	5766	5245	412840	7138	N/A	
54	11/27/2023	98.1	10290	6876	4636	411660	7053	N/A	
55	11/28/2023	98.4	10498	6373	4674	417500	7109	N/A	
56	11/28/2023	97.2	10251	5100	4997	409600	6848	N/A	
57	11/28/2023	97.3	10108	4808	5435	413620	7070	N/A	
58	11/28/2023	97.9	9872	6442	4382	413140	7046	N/A	
59	11/29/2023	98.7	9856	6166	3947	413140	7046	N/A	
60	11/29/2023	97.6	9975	6001	5586	420040	7104	N/A	
61	11/29/2023	83	8918	5787	4627	406400	7068	N/A	
62	11/29/2023	97.5	10102	7375	4899	416700	7190	N/A	
63	11/30/2023	96.4	9750	9403	4899	411340	8075	N/A	
64	11/30/2023	97.1	10152	5616	5196	418260	7112	N/A	
65	11/30/2023	97.4	9316	5375	5774	408500	9396	N/A	
66	12/1/2023	98.5	9371	5457	5016	397900	6872	N/A	
67	12/1/2023	99	9641	5684	5048	400760	6994	N/A	
68	12/1/2023	98.3	10138	5799	4772	399280	6894	N/A	
69	12/1/2023	98.5	9876	6393	4702	416560	7074	N/A	
70	12/1/2023	98.3	9641	5639	5223	408100	6346	N/A	
71	12/1/2023	98.6	9928	5511	4633	404420	6831	N/A	
72	12/1/2023	98.1	9804	6524	5183	416880	7072	N/A	
73	12/4/2023	98.3	9621	5638	5404	414140	7065	N/A	
74	12/5/2023	98.6	9673	5639	4451	408980	6877	N/A	
75	12/5/2023	98.3	10374	4538	5561	414140	6993	N/A	
76	12/5/2023	98.6	9722	5591	4775	417860	7049	N/A	
77	12/6/2023	99.3	9524	5302	5027	415720	6988	N/A	
78	12/6/2023	98.8	9829	6266	5395	411060	6978	N/A	
79	12/6/2023	98.6	9315	5260	4638	412760	7010	N/A	
80	12/7/2023	98	9129	5154	5259	418440	6960	N/A	
81	12/7/2023	98.2	9527	7154	5128	418440	6960	N/A	
82	12/7/2023	97.9	8937	5353	4539	413480	6946	N/A	
83	12/8/2023	98.7	8791	5250	4491	413660	6956	N/A	
84	12/8/2023	98.5	9047	7254	4941	402140	6905	N/A	
85	12/8/2023	98	8823	6812	4814	407840	6832	N/A	
86	12/9/2023	97.6	8735	6097	5254	414120	6934	N/A	
87	12/9/2023	97.6	8447	6515	5026	407900	6954	N/A	
88	12/9/2023	98.4	8624	6515	5026	413940	6903	N/A	
89	12/9/2023	98.2	8869	5104	5489	417900	6890	N/A	
90	12/10/2023	99.1	8869	5104	4482	411720	6894	N/A	
91	12/10/2023	98.2	8581	5815	4750	400540	6932	N/A	
92	12/11/2023	98.8	8579	6026	5037	410400	6827	N/A	
93	12/11/2023	98.4	8379	5822	5362	414480	7890	N/A	
94	12/11/2023	97.6	8446	5715	5362	413380	6913	N/A	
95	12/12/2023	98.2	8265	4965	4899	405440	6913	N/A	
96	12/12/2023	98.3	8345	5191	5195	410740	7050	N/A	
97	12/12/2023	98.2	8116	5394	5181	400580	6846	N/A	
98	12/12/2023	93.5	7935	4519	5538	418120	8308	N/A	
99	12/12/2023	97.1	7659	5058	4802	370140	6356	N/A	
AVERAGE		95	10,136	5,966	5,160	40,278,120	706,140	TOTAL	

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EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD) From Surface	BOTTOM DEPTH (TVD) From Surface	TOP DEPTH (MD) From Surface	BOTTOM DEPTH (MD) From Surface
Sandstone	370	570	370	570
Sandstone, scat MICA	570	670	570	670
Sandstone	670	970	670	970
Limestone, rr SS, tr coal	870	1,020	870	1,020
Sandstone, tr LS	970	1,020	970	1,020
Sandy Siltstone, tr LS	1,020	1,320	1,020	1,320
Silty Sandstone, tr Coal	1,320	1,520	1,320	1,520
Sandstone, rr SLTST	1,520	1,670	1,520	1,670
Silty Sandstone, occ Coal	1,670	1,770	1,670	1,770
Sandstone, com SLTST, tr mica	1,770	1,920	1,770	1,920
Sandstone, occ SLTST	1,920	1,970	1,920	1,970
Silty Sandstone	1,970	2,070	1,970	2,070
Silty Sandstone, tr Coal	2,070	2,120	2,070	2,120
Siltstone	2,120	2,170	2,120	2,170
Siltstone, tr LS	2,170	2,091	2,170	2,094
Big Lime	2,121	2,913	2,094	2,916
Fifty Foot Sandstone	2,913	2,979	2,886	2,981
Gordon	2,979	3,134	2,951	3,137
Fifth Sandstone	3,134	3,609	3,107	3,612
Bayard	3,609	3,989	3,582	3,993
Speechley	3,989	4,149	3,963	4,155
Balltown	4,149	4,568	4,125	4,581
Bradford	4,568	5,147	4,551	5,171
Benson	5,147	5,595	5,141	5,629
Alexander	5,595	6,814	5,599	6,898
Sycamore	6,650	6,784	6,707	6,868
Middlesex	6,784	6,882	6,868	7,008
Burkett	6882	6,913	7008	7062
Tully	6913	7,005	7062	7285
Marcellus	7005	NA	7285	NA

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LATITUDE 39°35'00"

8,275'

LATITUDE 39°40'00"

3,100' TO BOTTOM HOLE

Antero Resources
Corporation
Well No. Bucher #1H

LESSOR	
A	LLOYD DENNIS AND SUSAN DENNIS
B	JAMES A. GREATHOUSE AND DONNA L. GREATHOUSE
C	STONE HILL MINERALS HOLDINGS, LLC.
D	STONE HILL MINERALS HOLDINGS, LLC.
E	BRADY GENE HOWELL
F	STEPHEN A. GOUDY AND PATRICIA A. GOUDY
G	BRC APPALACHIAN MINERALS I, LLC.
H	JESSIE A. THOMPSON
I	SHIBEN ESTATES, INC.
J	GEORGE HENRY MASON
K	THE LEA MARIE VIGIL, JTWS, WITH SHERI MARGARET FORTUNE
L	MASTER MINERAL HOLDINGS II, LP.
M	RESTONE RESOURCES, LLC.
N	MASTER MINERALS HOLDINGS II, LP.
O	NELDA JEAN KOCHER GLOVER
P	THE 5 K'S FUTURE, LLC.
Q	NELDA JEAN KOCHER GLOVER
R	WILLIAM W. FLETCHER, SR.
S	JOHN PHILLIP SPRINGER AND EVA J. SPRINGER
T	DEAN H. BUCHER
U	JEFFREY L. MASON
V	MEGHAN A. KALINOWSKI
W	KAREN B. MASON

NOTE

1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

X SHIBEN ESTATES, INC.

Y JUNIOR L. ROBINSON

Z EDDIE D. DALLISON

AA SHARON S. FRANCIS

AB BOUNTY MINERALS, LLC.

AC ROBERT BARRY MYERS, JR.

AD FREDDA MARIE BROWN

AE CLARICE ANN BROWN LEMASTERS

AF ROBERT BARRY MYERS, JR.

AG AUNIX ENERGY, LLC

PAD LAYOUT NOT TO SCALE	
○	ANGELO UNIT 1H
○	CRAFTSMAN UNIT 1H
○	SPRINGER UNIT 1H
○	BUCHER UNIT 1H
○	QUAY UNIT 1H
○	QUAY UNIT 2H

Proctor District - Wetzel County	
20-31	Dennis & Susan Lloyd
20-15	James & Mary Greathouse
20-16	Lillian Sapp
20-16.1	Laura Howell
20-16.2	Laura Howell
20-16.4	Tracy Myers, Et Al
20-16.5	Joseph Jackson
20-17	Dennis & Susan Lloyd
20-18	Levi McBee
20-30	James & Mary Greathouse
20-31	James & Mary Greathouse
20-32	Stephen & Patricia Gaudy
20-32.1	Stephen & Patricia Gaudy
20-38	Frank & Jessie Thompson

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GASWILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

JOB # 25-012WA

DRAWING # BUCHER1HAD

SCALE 1" = 2000'

MINIMUM DEGREE OF

ACCURACY SUBMETER

PROVEN SOURCE OF ELEV.

SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY

DIVISION OF OIL AND GAS

LEGEND

- Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- Proposed Well Path
- ⊗ As Drilled Well Path

THOMAS SUMMERS P.S. 2109

DATE 04/13/26

OPERATOR'S WELL# BUCHER UNIT #1H

47 - 103 - 03735

STATE COUNTY PERMIT

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

LOCATION: ELEVATION AS BUILT - 1,160.0' WATERSHED FISHING CREEK

QUADRANGLE PINE GROVE 7.5' DISTRICT GREEN COUNTY WETZEL

SURFACE OWNER DALLISON LUMBER COMPANY INC.

ACREAGE 25 ACRES +/-

OIL & GAS ROYALTY OWNER ROBERT BARRY MYERS, JR.

LEASE ACREAGE 25 ACRES +/-

PROPOSED WORK: DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL ☐(SPECIFY) AS DRILLED PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,049' TVD 27,134' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CONRAD BASTON

ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAK BLVD.

FORM WW-6

DENVER, CO 80202

BRIDGEPORT, WV 26330

AS DRILLED:
WELL 1H TOP HOLE INFORMATION:
N: 394,869ft E: 1,662,885ft
LAT: 39°34'40.74" LON: 80°41'45.69"
BOTTOM HOLE INFORMATION:
N: 413,671ft E: 1,656,568ft
LAT: 39°37'45.72" LON: 80°43'09.62"
WEST VIRGINIA COORDINATE
SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM
MEASUREMENTS TAKEN WITH
TRIMBLE GEOXT SUBMETER
MAPPING GRADE GPS UNIT.
PLAT ORIENTATION, CORNER,
AND WELL REFERENCE TIE LINES
ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,380,972m E: 526,122m
BOTTOM HOLE INFORMATION:
N: 4,386,668m E: 524,102m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,372,524ft E: 1,726,069ft
POINT OF ENTRY INFORMATION:
N: 14,372,514ft E: 1,725,961ft
BOTTOM HOLE INFORMATION:
N: 14,391,212ft E: 1,719,441ft



Green District - Wetzel County	
4-2	Jessie Thompson
4-3	Joshua & Shane Daugherty
4-5	Rick & Cathy Doty
4-6	Henry Mason
4-15	George & John Mason
4-16	George Mason, Et Al
4-22	David Anderson Et Al
4-24	George Mason, Et Al
4-34	Hazel Howell Est.
4-35	Debra Miller
4-36	George Mason, Et Al
4-46	Debra Miller
4-47	William Fletcher
9-9	James Welch, Et Al
9-10	Howard & Clara Bucher
9-22	Karen Mason
9-22.1	Wayne Thomas & Elizabeth McFadden
9-23	Karen Mason
9-35	Trixie Robinson
9-44	Karen Mason
9-46	John Hought
9-47	Dallison Lumber Company Inc.
9-48	Dallison Lumber Company Inc.
9-55	Antero Midstream LLC
9-56	G T Brock Cemetery
9-58	Dallison Lumber Company Inc.
14-4	Harry & Sharon Burton
14-7	James C. Adams Et Al
14-8	James C. Adams Et Al
14-9	Dallison Lumber Company Inc.
14-10	Sandra Fortney
14-10.1	Sandra Fortney
14-12	Freda Brown

LONGITUDE 80°42'30"

COUNTY NAME

PERMIT

05/22/2026

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/08/2025
Job End Date:	12/12/2025
State:	West Virginia
County:	Wetzel
API Number:	47-103-03735-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Bucher Unit 1H
Latitude:	39.578069
Longitude:	-80.695845
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7062
Total Base Water Volume (gal)*:	31366566
Total Base Non Water Volume:	0



Water Source	Percent
Groundwater, < 1000TDS	100.00%

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
100 mesh sand	NexTier Completions Solutions	Propping Agent					
15% HCl	Tarquin	Acid					
BELE LT Breaker	Chemstream	Breaker					
CIA-12	NexTier Completions Solutions	Acid corrosion inhibitor					
Clearal 268A	Chemstream	Biocide					
CoilSTREAM VB 625	Chemstream	Visc. Builder					
Other Chemical(s)	Listed Above	See Trade Name(s)					
StimSTEAM FR 2800	Chemstream	Friction Reducer					
StimSTREAM FR 9800	Chemstream	Friction Reducer					

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Water	Operator	Carrier Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	86.24868	
			Crystalline Silica	14808-60-7	99.90000	13.35136	
			Water	7732-18-5	85.00000	0.26275	
			Hydrochloric Acid	7647-01-0	15.00000	0.04637	
			Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate copolymer	69418-26-4	40.00000	0.01685	
			Alkanes, C12-26-branched and linear	90622-53-0	40.00000	0.01685	
			Aluminum Oxide	1344-28-1	0.10000	0.01336	
			Water	7732-18-5	90.00000	0.00734	
			Heavy Aliphatic Naphtha	64742-96-7	60.00000	0.00649	
			Water	7732-18-5	15.00000	0.00632	
			Guar gum	9000-30-0	50.00000	0.00541	
			Hydrotreated light distillates	64742-47-8	25.00000	0.00344	
			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00211	
			Ammonium Persulfate	7727-54-0	89.00000	0.00205	
			Glutaraldehyde	111-30-8	20.00000	0.00163	
			Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.00000	0.00069	
			Trade Secret	Proprietary	5.00000	0.00054	
			Trade Secret	Proprietary	3.00000	0.00032	
			Trade Secret	Proprietary	3.00000	0.00032	
			Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	3.00000	0.00024	
			Didecyldimethylammonium Chloride	7173-51-5	3.00000	0.00024	
			Ethylene glycol	107-21-1	45.00000	0.00013	
			Glycol Ether EB	111-76-2	45.00000	0.00013	
			N,N-Dimethylformamide	68-12-2	20.00000	0.00006	
			Tar bases,quinoline derivs.,benzyl chloride-quaternized	72480-70-7	20.00000	0.00006	
			Water	7732-18-5	15.00000	0.00004	
			Cinnamaldehyde	104-55-2	10.00000	0.00003	
			Nonylphenol ethoxylated	127087-87-0	10.00000	0.00003	
			Alcohols, C6-12	68603-15-6	10.00000	0.00003	

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- * 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%

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)

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