

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

API 47 - 095 - 02777 County Tyler District Lincoln
Quad Paden City 7.5' Pad Name Nalley Pad Field/Pool Name -----
Farm name Robert D. & Virginia A. Nalley Well Number Greenwood 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 4377199m Easting 503885m
Landing Point of Curve Northing 4377218.509m Easting 503790.106m
Bottom Hole Northing 4381428m Easting 502331m

Elevation (ft) 972' 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

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Date permit issued 1/21/2022 Date drilling commenced 3/11/2022 Date drilling ceased 5/12/2022
Date completion activities began 6/25/2022 Date completion activities ceased 9/1/2022
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 264' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1376' Void(s) encountered (Y/N) depths No
Coal depth(s) ft No Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by: [Signature]
2/19/23

API 47-095 - 02777 Farm name Robert D. & Virginia A. Nalley Well number Greenwood 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	78.67#, X-60	N/A	Y
Surface	17-1/2"	13-3/8"	388'	New	54.5#, K-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2570'	New	36#,J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	20,968'	New	23#, P-110cy	N/A	Y
Tubing		2-3/8"	6170'		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	190 sx	15.6	1.18	224	0'	8 Hrs.
Surface	Class A	330sx	15.8	1.2	396	0'	8 Hrs.
Coal							
Intermediate 1	Class C	895 sx	15.8	1.16	1038	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	3600sx (Tail)	15.2 (Tail)	1.18(Tail)	4248	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 20,968' MD, 5,983' TVD (BHL), 6142' (Deepest Point Drilled) Loggers TD (ft) 20,968' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5351'

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

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____
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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

Smiley 2/19/23

API 47-095-02777 Farm Name Robert D & Virginia A Nalley Well Number Greenwood Unit 1H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	06/25/2022	20851.8	20809.1	60	Marcellus
2	06/25/2022	20770.5	20605.3	60	Marcellus
3	06/25/2022	20569.8	20404.6	60	Marcellus
4	06/26/2022	20369.2	20204.0	60	Marcellus
5	06/26/2022	20168.5	20003.4	60	Marcellus
6	06/26/2022	19967.9	19802.7	60	Marcellus
7	06/27/2022	19767.3	19602.1	60	Marcellus
8	06/27/2022	19566.6	19401.4	60	Marcellus
9	06/27/2022	19366.0	19200.8	60	Marcellus
10	06/27/2022	19165.4	19000.2	60	Marcellus
11	06/28/2022	18964.7	18799.5	60	Marcellus
12	06/28/2022	18764.1	18598.9	60	Marcellus
13	06/28/2022	18563.4	18398.3	60	Marcellus
14	06/28/2022	18362.8	18197.6	60	Marcellus
15	06/28/2022	18162.2	17997.0	60	Marcellus
16	06/29/2022	17961.5	17796.3	60	Marcellus
17	06/29/2022	17760.9	17595.7	60	Marcellus
18	06/29/2022	17560.3	17395.1	60	Marcellus
19	06/29/2022	17359.6	17194.4	60	Marcellus
20	06/30/2022	17159.0	16993.8	60	Marcellus
21	06/30/2022	16958.3	16793.2	60	Marcellus
22	06/30/2022	16757.7	16592.5	60	Marcellus
23	06/30/2022	16557.1	16391.9	60	Marcellus
24	06/30/2022	16356.4	16191.2	60	Marcellus
25	07/01/2022	16155.8	15990.6	60	Marcellus
26	07/01/2022	15955.2	15790.0	60	Marcellus
27	07/01/2022	15754.5	15589.3	60	Marcellus
28	07/01/2022	15553.9	15388.7	60	Marcellus
29	07/02/2022	15353.2	15188.1	60	Marcellus
30	07/02/2022	15152.6	14987.4	60	Marcellus
31	07/02/2022	14952.0	14786.8	60	Marcellus
32	07/02/2022	14751.3	14586.1	60	Marcellus
33	07/02/2022	14550.7	14385.5	60	Marcellus
34	07/16/2022	14350.1	14184.9	60	Marcellus
35	07/16/2022	14149.4	13984.2	60	Marcellus
36	07/16/2022	13948.8	13783.6	60	Marcellus
37	07/17/2022	13748.1	13583.0	60	Marcellus
38	07/17/2022	13547.5	13382.3	60	Marcellus
39	07/18/2022	13346.9	13181.7	60	Marcellus
40	07/18/2022	13146.2	12981.0	60	Marcellus
41	07/18/2022	12945.6	12780.4	60	Marcellus
42	07/18/2022	12745.0	12579.8	60	Marcellus
43	07/18/2022	12544.3	12379.1	60	Marcellus
44	07/19/2022	12343.7	12178.5	60	Marcellus
45	07/19/2022	12143.0	11977.9	60	Marcellus
46	07/19/2022	11942.4	11777.2	60	Marcellus
47	07/19/2022	11741.8	11576.6	60	Marcellus
48	07/20/2022	11541.1	11375.9	60	Marcellus
49	07/20/2022	11340.5	11175.3	60	Marcellus
50	07/20/2022	11139.9	10974.7	60	Marcellus
51	07/20/2022	10939.2	10774.0	60	Marcellus
52	07/20/2022	10738.6	10573.4	60	Marcellus
53	07/21/2022	10537.9	10372.8	60	Marcellus
54	07/21/2022	10337.3	10172.1	60	Marcellus
55	07/21/2022	10136.7	9971.5	60	Marcellus
56	07/21/2022	9936.0	9770.8	60	Marcellus
57	07/21/2022	9735.4	9570.2	60	Marcellus
58	07/22/2022	9534.8	9369.6	60	Marcellus
59	07/22/2022	9334.1	9168.9	60	Marcellus
60	07/22/2022	9133.5	8968.3	60	Marcellus
61	07/22/2022	8932.8	8767.7	60	Marcellus
62	07/23/2022	8732.2	8567.0	60	Marcellus
63	07/23/2022	8531.6	8366.4	60	Marcellus
64	07/23/2022	8330.9	8165.7	60	Marcellus
65	07/24/2022	8130.3	7965.1	60	Marcellus
66	07/24/2022	7929.7	7764.5	60	Marcellus
67	07/24/2022	7729.0	7563.8	60	Marcellus
68	07/24/2022	7528.4	7363.2	60	Marcellus
69	07/25/2022	7327.7	7162.6	60	Marcellus
70	07/25/2022	7127.1	6961.9	60	Marcellus
71	07/25/2022	6926.5	6761.3	60	Marcellus
72	07/25/2022	6725.8	6560.6	60	Marcellus
73	07/25/2022	6525.2	6360.0	60	Marcellus

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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	06/25/2022	82.83	9182	6827	3532	176780	219910	N/A
2	06/25/2022	94.87	9999	4850	3819	495940	394473	N/A
3	06/25/2022	94.33	10122	4441	3179	495740	396740	N/A
4	06/26/2022	95.31	9863	8121	3407	492340	424869	N/A
5	06/26/2022	93.18	9831	8770	3312	495160	403940	N/A
6	06/26/2022	94.49	9761	5103	3470	494020	395193	N/A
7	06/27/2022	91.81	9505	8269	4003	502610	393629	N/A
8	06/27/2022	95.82	9733	7884	3553	515470	404447	N/A
9	06/27/2022	96.64	9771	5102	3252	511950	401815	N/A
10	06/27/2022	95.36	9614	9309	3481	506010	401267	N/A
11	06/28/2022	94.4	9521	8122	3174	517942	408593	N/A
12	06/28/2022	94.32	9762	5481	3163	516740	383343	N/A
13	06/28/2022	97.48	9883	4766	3205	507290	388941	N/A
14	06/28/2022	97.53	9914	4095	3299	507517	385031	N/A
15	06/28/2022	94.02	9398	5375	3289	502800	388992	N/A
16	06/29/2022	95.87	9647	8985	3743	510370	383145	N/A
17	06/29/2022	97.82	9939	5633	3393	506090	388460	N/A
18	06/29/2022	97.39	9872	4345	3484	510900	386321	N/A
19	06/29/2022	93.34	9327	8112	3757	505810	381807	N/A
20	06/30/2022	96.93	9373	5263	3788	494280	370276	N/A
21	06/30/2022	96.69	9665	5184	3578	509710	388828	N/A
22	06/30/2022	97.06	9799	4191	3486	497300	382883	N/A
23	06/30/2022	97.41	9721	5288	3558	509340	386052	N/A
24	06/30/2022	97.58	9860	5725	3515	505250	392815	N/A
25	07/01/2022	97.36	9728	5561	3272	511690	391066	N/A
26	07/01/2022	97.8	9693	5689	3456	506990	389448	N/A
27	07/01/2022	97.56	9525	5751	3341	499610	380139	N/A
28	07/01/2022	98.2	9547	5864	3475	504920	381386	N/A
29	07/02/2022	97.81	9392	6017	3545	496150	382190	N/A
30	07/02/2022	98.48	9461	5415	3713	514380	388527	N/A
31	07/02/2022	98.44	9293	5449	3409	510820	384099	N/A
32	07/02/2022	98.83	9168	5169	3350	505920	383663	N/A
33	07/02/2022	97.14	9106.323	4950.63	3351.14	511900	382611	N/A
34	07/16/2022	81.69	9917	6451	4234	686820	531369	N/A
35	07/16/2022	96.14	9328	8292	3754	514070	368169	N/A
36	07/16/2022	97.55	9399.788	8312.56	3801.187	505720	365937	N/A
37	07/17/2022	89.48	9337	5455	3409	515520	418216	N/A
38	07/17/2022	98.74	9159	5594	3409	503040	380654	N/A
39	07/18/2022	97.27	9260	5641	3940	505330	379971	N/A
40	07/18/2022	96.29	8861	7451	4502	499420	383290	N/A
41	07/18/2022	91.39	8711	7569	4084	502840	424147	N/A
42	07/18/2022	97.59	8976	7341	4061	509930	376809	N/A
43	07/18/2022	97.86	9017	6246	3551	502900	376244	N/A
44	07/19/2022	96.74	9123	6020	3409	500370	381621	N/A
45	07/19/2022	96.96	8670	7348	3852	495480	376981	N/A
46	07/19/2022	97.11	8358	7540	3502	499870	378460	N/A
47	07/19/2022	98.4	8691	5873	4051	503730	380661	N/A
48	07/20/2022	98.58	8506	5605	3958	504140	381668	N/A
49	07/20/2022	98.73	8451	5796	3912	498210	377839	N/A
50	07/20/2022	97.78	8385	7225	3419	498865	376967	N/A
51	07/20/2022	96.99	8703.067	5882.48	3556.559	496590	381261	N/A
52	07/20/2022	98.49	8612.222	5824.64	3465.05	508590	387170	N/A
53	07/21/2022	98.16	8411.64	5166.88	3748.39	505440	380523	N/A
54	07/21/2022	98.89	8485	5590	3450	497310	378554	N/A
55	07/21/2022	97.59	7982	6015	3308	506700	379275	N/A
56	07/21/2022	97.94	8180	5787	3532	502250	378358	N/A
57	07/21/2022	98.73	8111	5612	3822	516005	383429	N/A
58	07/22/2022	99.08	7989	5824	3505	513750	392611	N/A
59	07/22/2022	63.21	6540.239	5541.73	3446.514	518940	456626	N/A
60	07/22/2022	98.02	7986	5904	3687	511340	387666	N/A
61	07/22/2022	98.86	7878.521	5821.77	3481.948	513930	384498	N/A
62	07/23/2022	98.97	7838.379	6153.29	3232.854	505720	379857	N/A
63	07/23/2022	98.39	8085.976	5616.39	3291.575	465960	364985	N/A
64	07/23/2022	93.94	7948	6080	3428	506020	481269	N/A
65	07/24/2022	98.54	7826	5576	3755	511940	383537	N/A
66	07/24/2022	98.26	7724.072	5985.05	3800.302	507990	380406	N/A
67	07/24/2022	94.09	7918	6224	3637	509310	380677	N/A
68	07/24/2022	96.58	7458.508	6091.15	4356.638	507830	382287	N/A
69	07/25/2022	98.47	7512	6203	3820	506350	404023	N/A
70	07/25/2022	77.26	6540	6120	3404	499300	444047	N/A
71	07/25/2022	97.65	7078.948	6733.19	3649.717	503440	369347	N/A
72	07/25/2022	98.36	6881.716	6721.68	3831.515	507280	378199	N/A
73	07/25/2022	98.81	6910.81	6326.12	3538.122	510480	382066	N/A
	AVG=	95.7	8,887	6,160	3,588	36,728,459	28,394,573	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	420	370	420
Silty Sandstone, Tr Shale	420	470	420	470
Sandy Siltstone, occ Shale	470	670	470	670
Silty Sandstone, tr Shale	670	820	670	820
Sandstone, Tr coal	820	1,020	820	1,020
Sandstone, occ Shale, Tr siltstone	1,020	1,170	1,020	1,170
Shaley Sandstone	1,170	1,270	1,170	1,270
Sandstone, Tr coal	1,270	1,420	1,270	1,420
Silty Sandstone, occ Shale	1,420	1,470	1,420	1,470
Silty Sandstone, tr Shale	1,470	1,520	1,470	1,520
Sandy Siltstone	1,520	1,620	1,520	1,620
Sandstone, occ Siltstone	1,620	1,720	1,620	1,720
Sandy Siltstone; tr drsy pyr	1,720	1,801	1,720	1,773
Big Lime	1,801	2,254	1,773	2,226
Fifty Foot Sandstone	2,254	2,666	2,226	2,638
Gordon	2,666	2,834	2,638	2,807
Fifth Sandstone	2,834	3,124	2,807	3,099
Bayard	3,124	3,797	3,099	3,777
Speechley	3,797	4,094	3,777	4,076
Balltown	4,094	4,527	4,076	4,514
Bradford	4,527	4,824	4,514	4,814
Benson	4,824	5,043	4,814	5,035
Alexander	5,043	5,873	5,035	5,940
Sycamore	5,873	5,968	5,940	6,086
Middlesex	5,968	6,046	6,086	6,243
Burkett	6,046	6,070	6,243	6,308
Marcellus	6,070	NA	6,308	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.

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	6/25/2022
Job End Date:	7/25/2022
State:	West Virginia
County:	Tyler
API Number:	47-095-02777-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Greenwood 1H
Latitude:	39.54437000
Longitude:	-80.95495000
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,142
Total Base Water Volume (gal):	29,411,570
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	87.04833	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.14212	

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Excelerate LX-15	Halliburton	Friction Reducer					
				Listed Below			
FDP-S1443-21	Halliburton	Corrosion Inhibitor					
				Listed Below			
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
Sand-Premium White-30/70	Halliburton	Proppant					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				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.

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			Crystalline silica, quartz	14808-60-7	100.00000	12.78870	
			Hydrochloric acid	7647-01-0	30.00000	0.03237	
			Complex Amine Compound	Proprietary	60.00000	0.02597	
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01298	
			Guar gum	9000-30-0	100.00000	0.00325	
			Glutaraldehyde	111-30-8	30.00000	0.00247	
			Surfactant	Proprietary	5.00000	0.00216	
			Sobitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00216	
			Ethoxylated alcohols	Proprietary	30.00000	0.00049	
			Alkoxyated polyhydric alcohol	Proprietary	1.00000	0.00043	
			Organic chloride compound	Proprietary	1.00000	0.00043	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00041	
			Methanol	67-56-1	100.00000	0.00019	
			Ammonium persulfate	7727-54-0	100.00000	0.00011	
			Ethanol	64-17-5	1.00000	0.00008	
			Oxylated phenolic resin	Proprietary	30.00000	0.00003	
			Modified thiourea polymer	Proprietary	10.00000	0.00002	
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	5.00000	0.00001	
			Aldehyde	Proprietary	5.00000	0.00001	
			Sodium glycolate	2836-32-0	0.01000	0.00000	
			Sodium hydroxide	1310-73-2	0.01000	0.00000	
			Nitrated acetate salt	Proprietary	0.01000	0.00000	
			Acrylamide	79-06-1	0.01000	0.00000	
			Organic salt #2	Proprietary	0.01000	0.00000	
			Formaldehyde	50-00-0	0.01000	0.00000	

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JAN 23 2023

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 Office of Oil and Gas

SM

			Organic salt #1	Proprietary	0.01000	0.00000	
			1-Hexadecene	629-73-2	1.00000	0.00000	
			1-Octadecene	112-88-9	1.00000	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)

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



Greenwood Unit 1H Bottom Hole

Sheet 1 of 2

BTM Hole 7.5' Spot

LATITUDE 39 - 35 - 00

4,141' to Bottom Hole

TOP HOLE LONGITUDE 80 - 55 - 00
 BTM HOLE LONGITUDE 80 - 57 - 30
 310' to Bottom Hole

Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Greenwood Unit 1H Top Hole coordinates are
 N: 383,705.89' Latitude: 39°32'39.75"
 E: 1,589,711.06' Longitude: 80°57'17.83"
 Bottom Hole coordinates are
 N: 397,667.67' Latitude: 39°34'56.94"
 E: 1,584,842.49' Longitude: 80°58'22.89"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,377,198.749m N: 4,381,427.498m
 E: 503,885.380m E: 502,331.231m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegany 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.

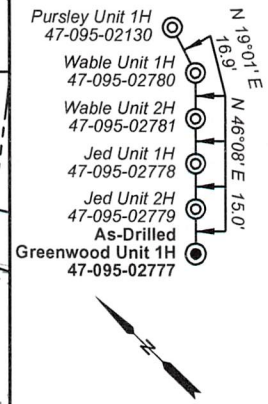
Greenwood Unit 1H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 383,775.96'
 E: 1,589,399.50'
 Latitude: 39°32'40.39"
 Longitude: 80°57'21.82"
 UTM Zone 17, NAD 1983
 N: 4,377,218.509m
 E: 503,790.106m

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

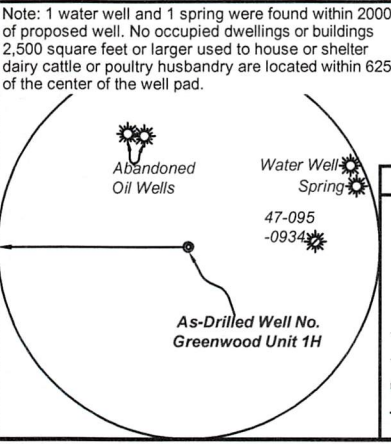
Bradley D. Miller, P.S. 2167

Wellhead Layout (NTS)



	Bearing	Dist.
L1	N 69°06' E	783.5'
L2	N 82°23' E	1,841.2'
L3	S 72°41' W	1,367.0'
L4	N 26°18' W	1,593.4'

- 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.)



FILE NO: 246-54-L-21
 DRAWING NO: Greenwood 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: December 6 2022
 OPERATOR'S WELL NO. Greenwood Unit 1H
 API WELL NO
 47 - 095 - 02777
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 971.8' WATERSHED: Middle Island Creek QUADRANGLE: Paden City
 DISTRICT: Lincoln Robert D. & Walter Busch Reisinger; William K. Johnson, et ux; COUNTY: Tyler
 SURFACE OWNER: Virginia A. Nalley Debra L. Smith; John E. Wright, et ux; Sara Anetsberger; 174; 164; 109;
 J&N Management Enterprises, LLC (2); David E. Bowyer; 266; 0.38; 14;
 ROYALTY OWNER: Robert D. Nalley, et ux; Robert L. Keller; Clair Starkey, et ux; R.L. Dieterich; LEASE NO: ACREAGE: 212.4; 40.0; 222.0
 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: 5,983' TVD
 20,968' MD

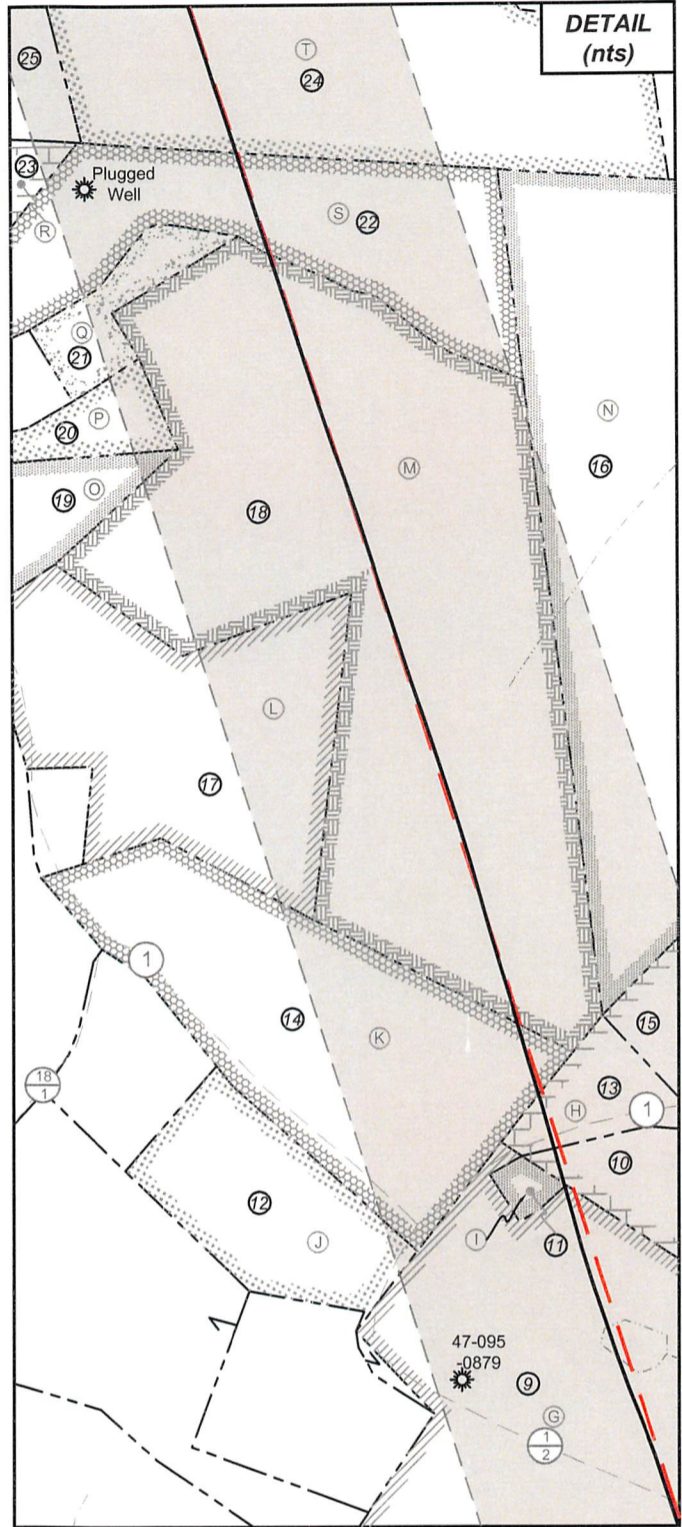
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
 Denver, CO 80202 Bridgeport, WV 26330

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



Leases	
A	Robert D. Nalley, et ux
B	Robert D. Nalley, et ux
C	Robert D. Nalley, et ux
D	Robert D. Nalley, et ux
E	Robert L. Keller
F	Clair Starkey, et ux
G	William K. Johnson, et ux
H	J&N Management Enterprises, LLC
I	R. L. Dieterich
J	Walter B. Reisinger
K	Walter Busch Reisinger
L	Ralph E. Starkey
M	Debra L. Smith
N	Jack G. Gaiser
O	Mary Lohri
P	Patriot Real Estate, LLC
Q	Joseph Aaron Wayne
R	John Stansbury McCoach
S	John E. Wright, et ux
T	J&N Management Enterprises, LLC
U	Sara Anetsberger
V	David E. Bowyer

ID	TM/Par	Owner	Bk/Pg	Acres
1	8-54	Robert D. & Virginia A. Nalley	198/41	80.00
2	12-13	Robert D. & Virginia A. Nalley	183/452	38.75
3	8-53	Robert D. & Virginia A. Nalley	200/53	48.10
4	8-39	Robert D. & Virginia A. Nalley	202/223	82.00
5	8-38.3	Joann & Howard L. Schupbach Jr.	467/383	21.17
6	8-38.4	Carl W. Woolwine	313/677	21.32
7	8-38	Joann & Howard L. Schupbach Jr.	451/645	98.77
8	8-19	Olive Branch Animal Rescue & Refuge, Inc.	333/804	173.48
9	8-18	William K. & Janet N. Johnson	196/48	164.60
10	8-7	Gerald E. & Sarah J. Moore	234/689	9.78
11	8-6	Robert E. & Audrey L. Christy	346/395	0.38
12	8-3.6	Ronald L. Perine Jr.	499/57	499/57
13	8-5	Zachary P. Robinson	415/371	2.12
14	8-4	Melissa D. & David L. Robinson	368/541	14.00
15	8-7.2	Jack G. & Constance M. Gaiser	295/545	18.23
16	4-22	Jack G. Gaiser, et al	556/254	49.70
17	4-14	Anita Jean Starkey	W25/444	11.52
18	4-21.3	Debbie Smith	349/254	34.88
19	4-21	Mary Lohri Stewart	349/254	3.02
20	4-21.1	Patriot Real Estate, LLC	633/575	2.96
21	4-16	Joseph Aaron Wayne	354/564	1.90
22	4-21.2	John E. & Linda P. Wright	347/727	10.91
23	4-1	Rhett R. & Teena L. Wetzel	289/589	52.57
24	4-20	Daniel L. Montgomery	389/563	40.00
25	4-95	Joseph Pope & Robert E. Wright	261/220	82.67
26	4-44	William H. McCoy	OR65/450	221.66
27	4-39	Matthew C. & Kelly Stewart	631/298	205.17
28	4-41.1	Matthew C. Stewart	216/345	0.41
29	4-42	David O. & Linda K. Wells	301/9	4.07
30	4-47	Danny W. Cochran & Richard Armstrong	649/163	5.76
31	4-48	David A. & Melissa K. McEldowney	612/325	8.50



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Handwritten signature/initials in blue ink.