

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

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DEC 11 2025

WV Department of
Environmental Protection

API 47 - 103 - 03698 County Wetzel District Green
Quad Pine Grove 7.5' Pad Name Cedar Field/Pool Name -----
Farm name Dallison Lumber Company Well Number Marma 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 4379835.075m Easting 524673.436m
Landing Point of Curve Northing 4379871.08m Easting 524518.12m
Bottom Hole Northing 4384573.264m Easting 522925.846m

Elevation (ft) 1,248' 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 12/20/2024 Date drilling commenced 1/30/2025 Date drilling ceased 4/11/2025
Date completion activities began 6/5/2025 Date completion activities ceased 8/13/2025
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 612' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 2193' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 1010' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by:

[Signature]
03/20/2026

API 47-103 - 03698 Farm name Dallison Lumber Company Well number Marma 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"	125.5'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	739'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3402'	New	36#, P-110	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	24077'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	7167.5'		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	635 sx	15.6	1.19	756	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1145 sx	15.6	1.18	1351	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	4255 sx (Tail)	13.5 (Spacer), 15.2(Tail)	1.26 (Tail)	5361	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 24,077' MD, 7,085' TVD (BHL), 7,125' TVD (Deepest Point Drilled) Loggers TD (ft) 24,047' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

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Kick off depth (ft) 6,328'

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 _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

JMM
03/20/2026
2/12/26

API 47- 103 - 03698 Farm name Dallison Lumber Company Well number Marma Unit 1H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Marcellus</u>	<u>7,100' (TOP)</u> TVD	<u>7,401' (TOP)</u> MD
_____	_____	_____
_____	_____	_____

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Please insert additional pages as applicable.

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 15,877.26 mcfd Oil 562.81 bpd NGL --- bpd Water 913.53 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 SLB
Address 5599 San Felipe St City Houston State TX Zip 77056

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

Please insert additional pages as applicable.

Completed by Stefan Gaspar Telephone 303-357-6959
Signature [Signature] Title Permitting Agent Date 12/9/25

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

03/20/2026
[Handwritten Signature]

EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	6/5/2025	24021	24005	30	Marcellus
2	6/6/2025	23966.71486	23802.2892	30	Marcellus
3	6/7/2025	23767.00402	23602.5783	30	Marcellus
4	6/7/2025	23567.29317	23402.8675	30	Marcellus
5	6/8/2025	23367.58233	23203.1566	30	Marcellus
6	6/8/2025	23167.87149	23003.4458	30	Marcellus
7	6/9/2025	22968.16064	22803.7349	30	Marcellus
8	6/9/2025	22768.4498	22604.0241	30	Marcellus
9	6/10/2025	22568.73896	22404.3133	30	Marcellus
10	6/10/2025	22369.02811	22204.6024	30	Marcellus
11	6/11/2025	22169.31727	22004.8916	30	Marcellus
12	6/12/2025	21969.60643	21805.1807	30	Marcellus
13	6/12/2025	21769.89558	21605.4699	30	Marcellus
14	6/13/2025	21570.18474	21405.759	30	Marcellus
15	6/13/2025	21370.4739	21206.0482	30	Marcellus
16	6/14/2025	21170.76305	21006.3373	30	Marcellus
17	6/14/2025	20971.05221	20806.6265	30	Marcellus
18	6/15/2025	20771.34137	20606.9157	30	Marcellus
19	6/15/2025	20571.63052	20407.2048	30	Marcellus
20	6/16/2025	20371.91968	20207.494	30	Marcellus
21	6/16/2025	20172.20884	20007.7831	30	Marcellus
22	6/17/2025	19972.49799	19808.0723	30	Marcellus
23	6/17/2025	19772.78715	19608.3614	30	Marcellus
24	6/18/2025	19573.07631	19408.6506	30	Marcellus
25	6/18/2025	19373.36546	19208.9398	30	Marcellus
26	6/19/2025	19173.65462	19009.2289	30	Marcellus
27	6/20/2025	18973.94378	18809.5181	30	Marcellus
28	6/20/2025	18774.23293	18609.8072	30	Marcellus
29	6/21/2025	18574.52209	18410.0964	30	Marcellus
30	6/22/2025	18374.81124	18210.3855	30	Marcellus
31	6/23/2025	18175.1004	18010.6747	30	Marcellus
32	6/23/2025	17975.38956	17810.9639	30	Marcellus
33	6/24/2025	17775.67871	17611.253	30	Marcellus
34	6/24/2025	17575.96787	17411.5422	30	Marcellus
35	6/24/2025	17376.25703	17211.8313	30	Marcellus
36	6/25/2025	17176.54618	17012.1205	30	Marcellus
37	6/25/2025	16976.83534	16812.4096	30	Marcellus
38	6/26/2025	16777.1245	16612.6988	30	Marcellus
39	6/26/2025	16577.41365	16412.988	30	Marcellus
40	6/27/2025	16377.70281	16213.2771	30	Marcellus
41	6/27/2025	16177.99197	16013.5663	30	Marcellus
42	6/27/2025	15978.28112	15813.8554	30	Marcellus
43	6/28/2025	15778.57028	15614.1446	30	Marcellus
44	6/29/2025	15578.85944	15414.4337	30	Marcellus
45	6/29/2025	15379.14859	15214.7229	30	Marcellus
46	6/29/2025	15179.43775	15015.012	30	Marcellus
47	6/30/2025	14979.72691	14815.3012	30	Marcellus
48	6/30/2025	14780.01606	14615.5904	30	Marcellus
49	7/1/2025	14580.30522	14415.8795	30	Marcellus
50	7/1/2025	14380.59438	14216.1687	30	Marcellus
51	7/2/2025	14180.88353	14016.4578	30	Marcellus
52	7/2/2025	13981.17269	13816.747	30	Marcellus
53	7/3/2025	13781.46185	13617.0361	30	Marcellus
54	7/3/2025	13581.751	13417.3253	30	Marcellus
55	7/3/2025	13382.04016	13217.6145	30	Marcellus
56	7/4/2025	13182.32932	13017.9036	30	Marcellus
57	7/4/2025	12982.61847	12818.1928	30	Marcellus
58	7/5/2025	12782.90763	12618.4819	30	Marcellus
59	7/5/2025	12583.19679	12418.7711	30	Marcellus
60	7/6/2025	12383.48594	12219.0602	30	Marcellus
61	7/6/2025	12183.7751	12019.3494	30	Marcellus
62	7/6/2025	11984.06426	11819.6386	30	Marcellus
63	7/7/2025	11784.35341	11619.9277	30	Marcellus
64	7/7/2025	11584.64257	11420.2169	30	Marcellus
65	7/8/2025	11384.93173	11220.506	30	Marcellus
66	7/8/2025	11185.22088	11020.7952	30	Marcellus
67	7/9/2025	10985.51004	10821.0843	30	Marcellus
68	7/9/2025	10785.7992	10621.3735	30	Marcellus
69	7/9/2025	10586.08835	10421.6627	30	Marcellus
70	7/10/2025	10386.37751	10221.9518	30	Marcellus
71	7/10/2025	10186.66667	10022.241	30	Marcellus
72	7/11/2025	9986.955823	9822.53012	30	Marcellus
73	7/12/2025	9787.24498	9622.81928	30	Marcellus
74	7/13/2025	9587.534137	9423.10843	30	Marcellus
75	7/13/2025	9387.823293	9223.39759	30	Marcellus
76	7/13/2025	9188.11245	9023.68675	30	Marcellus
77	7/14/2025	8988.401606	8823.9759	30	Marcellus
78	7/14/2025	8788.690763	8624.26506	30	Marcellus
79	7/14/2025	8588.97992	8424.55422	30	Marcellus
80	7/15/2025	8389.269076	8224.84337	30	Marcellus
81	7/15/2025	8189.558233	8025.13253	30	Marcellus
82	7/16/2025	7989.84739	7825.42169	30	Marcellus
83	7/16/2025	7790.136546	7625.71084	30	Marcellus
84	7/16/2025	7590.425703	7426	30	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	6/5/2025	76.2	10113	8184	3931	129660	3612	N/A
2	6/6/2025	83.8	10498	7310	3939	417340	7214	N/A
3	6/7/2025	83	10462	7055	4435	416040	7459	N/A
4	6/7/2025	89.5	10536	6323	4759	396800	7039	N/A
5	6/8/2025	76.9	10543	9176	4621	411040	7969	N/A
6	6/8/2025	87.6	10761	6446	5364	413460	7197	N/A
7	6/9/2025	91.1	10666	8091	5154	411920	7130	N/A
8	6/9/2025	67.9	8505	7390	5345	410700	10326	N/A
9	6/10/2025	85.2	10756	6967	5320	417240	7331	N/A
10	6/10/2025	86.6	10573	6520	5012	406280	7067	N/A
11	6/11/2025	82.7	10438	7626	4655	409980	7068	N/A
12	6/12/2025	87.5	10771	7562	4760	414300	7258	N/A
13	6/12/2025	84.9	10588	6863	4718	418660	7230	N/A
14	6/13/2025	87.7	10884	7493	5243	417960	7176	N/A
15	6/13/2025	96.7	11063	6646	4939	416940	7054	N/A
16	6/14/2025	89.5	10704	6886	4648	415300	7069	N/A
17	6/14/2025	81.9	10777	7570	4829	411320	6984	N/A
18	6/15/2025	87.7	11030	5085	5083	411600	7232	N/A
19	6/15/2025	85.1	10480	5793	4461	415440	7116	N/A
20	6/16/2025	77.1	10425	6937	4559	397000	13458	N/A
21	6/16/2025	96.1	10740	6110	4556	412060	7036	N/A
22	6/17/2025	95.1	10319	6686	5015	415300	7237	N/A
23	6/17/2025	97.5	10441	7886	4678	418060	7077	N/A
24	6/18/2025	76.3	9490	6953	4767	413780	7226	N/A
25	6/18/2025	83.1	10388	6497	5248	415300	9010	N/A
26	6/19/2025	83.2	9189	6206	4608	407960	7207	N/A
27	6/20/2025	87.8	10526	5963	4802	394360	6802	N/A
28	6/20/2025	83.9	10380	7412	4873	414620	7162	N/A
29	6/21/2025	85.8	9389	6166	5071	407900	7042	N/A
30	6/22/2025	86.1	9664	6956	5112	412640	7037	N/A
31	6/23/2025	39	4686	6829	4987	347740	12185	N/A
32	6/23/2025	88.1	9817	7651	4994	410880	7022	N/A
33	6/24/2025	92.9	10036	4171	4985	416600	7064	N/A
34	6/24/2025	89.5	10133	8606	4835	409340	7122	N/A
35	6/24/2025	94.8	10112	6946	4930	412140	6894	N/A
36	6/25/2025	86.1	10196	7026	4716	395160	7954	N/A
37	6/25/2025	69.8	10158	7123	4877	414340	8960	N/A
38	6/26/2025	89.2	9359	7216	5090	414900	7183	N/A
39	6/26/2025	93.5	10445	7345	4808	419660	7070	N/A
40	6/27/2025	86.3	9565	7770	4947	414620	7174	N/A
41	6/27/2025	84.8	10012	8560	4707	412800	7021	N/A
42	6/27/2025	89.7	9680	7431	5464	395580	6820	N/A
43	6/28/2025	81.6	10073	8596	4962	414180	7047	N/A
44	6/29/2025	91.8	9957	6979	5369	412680	7947	N/A
45	6/29/2025	91.9	9860	8188	4781	416000	7047	N/A
46	6/29/2025	95.3	10049	6960	5148	413060	7033	N/A
47	6/30/2025	92.5	9342	6671	4561	395040	6863	N/A
48	6/30/2025	97.4	10070	6944	4964	411200	6936	N/A
49	7/1/2025	91.6	9606	7008	5237	394980	6846	N/A
50	7/1/2025	88.4	9352	7151	5087	415900	6996	N/A
51	7/2/2025	89.3	9508	7292	4997	415560	6970	N/A
52	7/2/2025	94.7	9406	6235	4926	411960	6831	N/A
53	7/3/2025	92.7	9497	7161	5445	394200	6709	N/A
54	7/3/2025	95.1	9657	7016	4498	410400	6868	N/A
55	7/3/2025	94.1	9214	6381	4915	415360	6935	N/A
56	7/4/2025	91.8	8738	6938	5966	401180	6743	N/A
57	7/4/2025	99	9937	8987	4921	416540	6861	N/A
58	7/5/2025	96.9	9699	8199	4404	397560	6737	N/A
59	7/5/2025	92	9791	7560	5704	412700	6896	N/A
60	7/6/2025	99.1	9998	8472	5365	414020	6869	N/A
61	7/6/2025	89.7	9431	6942	5201	409480	6822	N/A
62	7/6/2025	99.1	9577	8241	4748	413600	6824	N/A
63	7/7/2025	92.7	9366	4894	4998	407140	6798	N/A
64	7/7/2025	93.6	9694	6561	5009	415080	6868	N/A
65	7/8/2025	97.8	9972	6637	4628	397440	6831	N/A
66	7/8/2025	75.1	8906	7014	4494	414720	9601	N/A
67	7/9/2025	93.7	8880	7688	4767	397820	6646	N/A
68	7/9/2025	98.1	9258	6653	4527	394380	6627	N/A
69	7/9/2025	95.3	9339	7980	4642	397280	6757	N/A
70	7/10/2025	97.5	9238	7146	4836	398520	6570	N/A
71	7/10/2025	92.7	9197	5522	4468	401820	6793	N/A
72	7/11/2025	99	9225	5746	4721	401740	6657	N/A
73	7/12/2025	98.3	9482	6582	4781	392200	6586	N/A
74	7/13/2025	96.4	9260	5156	5220	394000	6600	N/A
75	7/13/2025	95.4	8876	5293	4626	395440	6687	N/A
76	7/13/2025	92	8517	6822	4341	392880	6721	N/A
77	7/14/2025	93.6	9230	6884	5054	401480	6844	N/A
78	7/14/2025	99	8562	6869	4913	396160	6631	N/A
79	7/14/2025	94.3	8507	5910	5058	397260	6801	N/A
80	7/15/2025	96.4	8848	5701	4639	400360	6615	N/A
81	7/15/2025	92.9	8170	6398	4898	398820	6619	N/A
82	7/16/2025	92.9	8453	6398	4241	399480	6759	N/A
83	7/16/2025	92	7783	6381	4777	397880	6801	N/A
84	7/16/2025	97.9	8185	6638	4132	395760	6861	N/A
AVERAGE		89.4	9,702	6,955	4,867	33,907,980	604,747	0

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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, rr - occ Siltstone	684	774	684	774
Silty Sandstone	774	874	774	874
Silty Sandstone, tr LS	874	1,124	874	1,124
Siltstone, rr SS, rr LS	974	1,174	974	1,174
Sandy Siltstone, rr LS	1,124	1,174	1,124	1,174
Sandy Siltstone, tr LS	1,174	1,224	1,174	1,224
Siltstone, rr SS	1,224	1,324	1,224	1,324
Sandy Siltstone	1,324	1,424	1,324	1,424
Siltstone, rr SS	1,424	1,474	1,424	1,474
Sandy Siltstone, tr shale	1,474	1,674	1,474	1,674
Siltstone, rr Shale, rr SS	1,674	1,724	1,674	1,724
Sandy Siltstone, rr Shale	1,724	1,824	1,724	1,824
Siltstone, rr SS	1,824	1,874	1,824	1,874
Siltstone, rr SS, tr Shale	1,874	2,024	1,874	2,024
Sandy Siltstone, rr LS	2,024	2,144	2,024	2,156
Big Lime	2,170	2,990	2,156	3,013
Fifty Foot Sandstone	2,990	3,052	2,987	3,076
Gordon	3,052	3,302	3,050	3,328
Fifth Sandstone	3,302	3,640	3,302	3,669
Bayard	3,640	4,029	3,643	4,063
Speechley	4,029	4,193	4,037	4,229
Balltown	4,193	4,657	4,203	4,697
Bradford	4,657	5,226	4,671	5,271
Benson	5,226	5,691	5,245	5,743
Alexander	5,691	6,880	5,717	6,977
Sycamore	6724	6854	6795	6951
Middlesex	6854	6955	6951	7096
Burkett	6955	6986	7096	7152
Tully	6986	7074	7152	7375
Marcellus	7074	NA	7375	NA

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	06/05/2025
Job End Date:	07/16/2025
State:	West Virginia
County:	Wetzel
API Number:	47-103-03698-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Marma Unit 1H
Latitude:	39.567867
Longitude:	-80.712753
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7097
Total Base Water Volume (gal)*:	26696418
Total Base Non Water Volume:	0



Water Source	Percent
Groundwater, < 1000TDS	100.00%

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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					
CIA-12	NexTier Completions Solutions	Acid corrosion inhibitor					
Fincide GQ 12A	NexTier Completions Solutions	Biocide					
NGA-14	NexTier Completions Solutions	Gelling Agent					
Other Chemical(s)	Listed Above	See Trade Name(s)					
SlickStim 150CE-15	NexTier Completions Solutions	Friction Reducer					
StimBreak Encap APB	NexTier Completions	Breaker					

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LT	Solutions						
ViscStim 300CE-113	NexTier Completions Solutions	Friction Reducer					
Water	Operator	Carrier Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	86.34427	
			Crystalline Silica	14808-60-7	99.90000	13.18317	
			Water	7732-18-5	85.00000	0.32710	
			Hydrochloric Acid	7647-01-0	15.00000	0.05772	
			Chemplex-Polymer-00019	Proprietary	40.00000	0.02094	
			Isoalkanes	6742-47-8	30.00000	0.01571	
			Aluminum Oxide	1344-28-1	0.10000	0.01320	
			Distillates (petroleum), hydrotreated light	64742-47-8	30.00000	0.00341	
			Glutaraldehyde	111-30-8	30.00000	0.00275	
			Chemplex-surfactant-00015	Proprietary	5.00000	0.00262	
			Chemplex-Polymer-00019	Proprietary	20.00000	0.00227	
			Chemplex-surfactant-00021	Proprietary	3.00000	0.00157	
			Ammonium Persulfate	7727-54-0	90.00000	0.00063	
			ammonium chloride	12125-02-9	5.00000	0.00057	
			alcohols, C12-16, ethoxylated	68551-12-2	5.00000	0.00057	
			oleic acid diethanolamide	93-83-4	5.00000	0.00057	
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00046	
			1-Decanaminium, N-decyl- N,N-dimethyl-,chloride	7173-51-5	5.00000	0.00046	
	RECEIVED Office of Oil and Gas	Gas	Distillates (Petroleum), Hydrotreated Light	64742-47-8	50.00000	0.00028	
	DEC 11 2025		Ethylene glycol	107-21-1	45.00000	0.00017	
	WV Department of Environmental Protection		Glycol Ether EB	111-76-2	45.00000	0.00017	
			N,N-Dimethylformamide	68-12-2	20.00000	0.00007	
			Tar bases,quinoline derivs.,benzyl chloride- quaternized	72480-70-7	20.00000	0.00007	
			Water	7732-18-5	15.00000	0.00006	
			Cinnamaldehyde	104-55-2	10.00000	0.00004	
			Nonylphenol ethoxylated	127087-87-0	10.00000	0.00004	
			Alcohols, C6-12	68603-15-6	10.00000	0.00004	

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			Bentonite	1302-78-9	5.00000	0.00003	
			Alkoxylated Isodecyl Alcohol	154518-36-2	5.00000	0.00003	

* 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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Antero Resources
Well No. Marma 1H
As-Drilled
Antero Resources Corporation

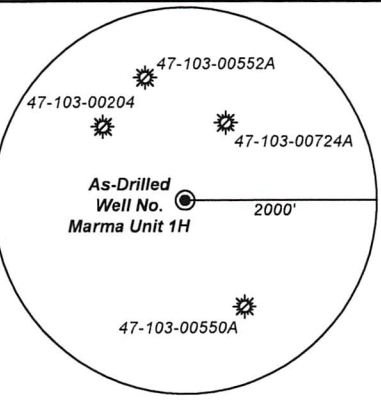
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1 of 2



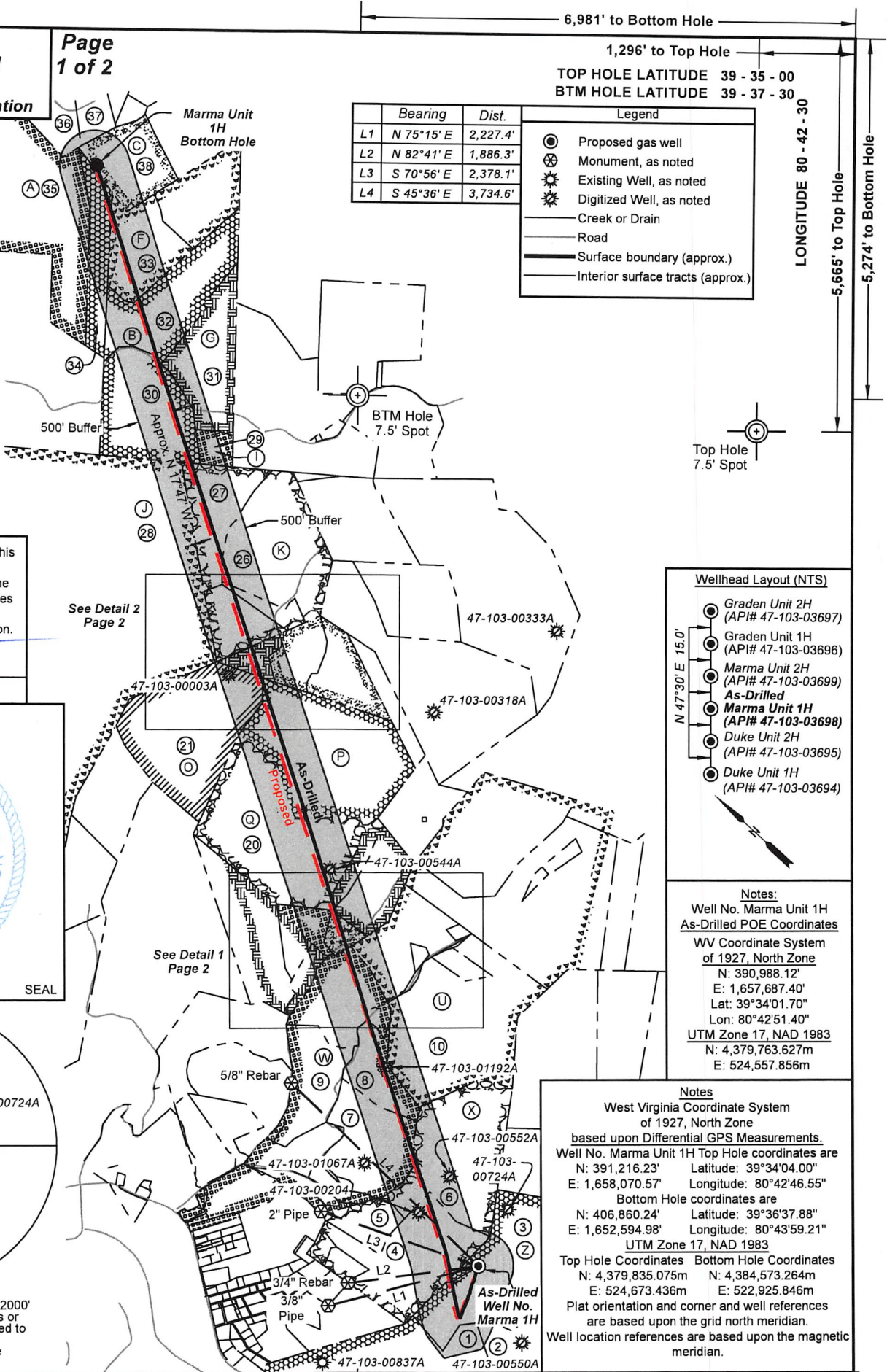
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegany Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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



Note: No water wells were found within 2000' of proposed 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.

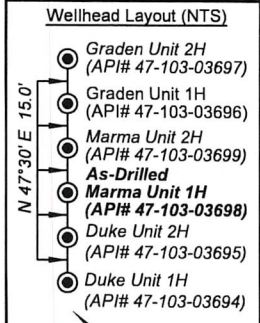


	Bearing	Dist.
L1	N 75°15' E	2,227.4'
L2	N 82°41' E	1,886.3'
L3	S 70°56' E	2,378.1'
L4	S 45°36' E	3,734.6'

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.)

6,981' to Bottom Hole
 1,296' to Top Hole
 TOP HOLE LATITUDE 39 - 35 - 00
 BTM HOLE LATITUDE 39 - 37 - 30

LONGITUDE 80 - 42 - 30
 5,665' to Top Hole
 5,274' to Bottom Hole



Notes:
 Well No. Marma Unit 1H
 As-Drilled POE Coordinates
 WV Coordinate System of 1927, North Zone
 N: 390,988.12'
 E: 1,657,687.40'
 Lat: 39°34'01.70"
 Lon: 80°42'51.40"
 UTM Zone 17, NAD 1983
 N: 4,379,763.627m
 E: 524,557.856m

Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Marma Unit 1H Top Hole coordinates are
 N: 391,216.23' Latitude: 39°34'04.00"
 E: 1,658,070.57' Longitude: 80°42'46.55"
 Bottom Hole coordinates are
 N: 406,860.24' Latitude: 39°36'37.88"
 E: 1,652,594.98' Longitude: 80°43'59.21"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,379,835.075m N: 4,384,573.264m
 E: 524,673.436m E: 522,925.846m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

FILE NO: 126-34-G-18
 DRAWING NO: Marma Unit 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: November 21 2025
 OPERATOR'S WELL NO. Marma Unit 1H
 API WELL NO
 47 - 103 - 03698
 STATE COUNTY PERMIT

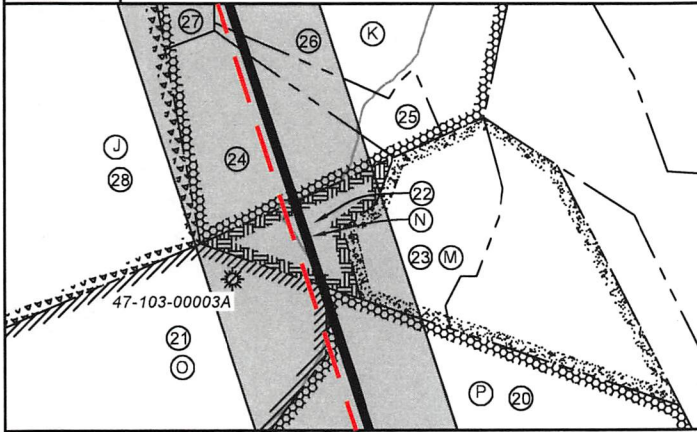
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: As-Built 1,248 WATERSHED: Fishing Creek QUADRANGLE: Pine Grove
 DISTRICT: Green COUNTY: Wetzel 03/20/2026
 SURFACE OWNER: Dallison Lumber Company ACREAGE: 51.50
 ROYALTY OWNER: Jenkins Miller LEASE NO: ACREAGE: 200
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,085' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,077' MD

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



Leases	
A	Sylvia Jean Highley
B	Belinda K. Harrison
C	Coastal Forest Resources Company
F	Jay. H. Renner
G	Venable Royalty, LTD, et al
I	Piney Holdings, Inc.
J	Shiben Estates, Inc
K	Chesapeake Appalachia, LLC
M	Acropolis, Inc.
N	Chesapeake Appalachia, LLC
O	Russell T. Powell
P	Acropolis, Inc.
Q	Acropolis, Inc.
S	Esther Ruth Coen
T	Acropolis, Inc.
U	Stephen H. Stocker
V	Chesapeake Appalachia, LLC
W	Antero Minerals, LLC
X	Antero Minerals, LLC
Z	Jenkins Miller
AA	Antero Minerals, LLC

Detail 2



Detail 1



ID	TM-Par	Owner	Bk/Pg	Acres
1	13-83	Michelle L. Igleheart	493/370	58.00
2	14-34	Thelma Deaton	493/482	41.00
3	14-19	Dallison Lumber Company	357/267	51.50
4	13-40	Kenneth E. & Vicky A. VanDyne	357/204	42.33
5	13-34	Kenneth E. & Vicky A. VanDyne	357/204	14.50
6	13-26.7	John M. & Stanley D. Pittman	458/837	55.00
7	13-26	John M. & Stanley D. Pittman	458/837	30.52
8	13-15.2	Blue Racer Midstream, LLC	452/546	22.59
9	13-26.6	Stanley & Mary Jo Pittman	284/657	27.38
10	13-17	Laura Ann Slater	423/93	90.00
11	13-15.1	Blue Racer Midstream, LLC	452/546	2.41
12	13-16	Blue Racer Midstream, LLC	452/542	1.00
13	13-10	Blue Racer Midstream, LLC	452/542	25.99
14	13-15	Blue Racer Midstream, LLC	452/542	22.59
15	13-9.1	Karen Sue Bassett & Terry E. Roberts	339/469	4.63
16	13-9	Richard W. Roberts & Justin W. Roberts	394/528	11.7
17	9-60.2	Coen Holdings LLC	492/815	7.33
18	9-60	Coen Holdings LLC	492/815	14.58
19	9-60.1	Coen Holdings LLC	492/815	8.42
20	9-42	WSD Properties LLC	441/793	149.00
21	9-41	WSD Properties LLC	441/793	48.00
22	9-29	Richard David Hornbeck	334/514	7.50
23	9-30	Richard David Hornbeck	334/514	15.25
24	9-28	Richard David Hornbeck	334/514	18.75
25	9-30	Richard David Hornbeck	334/514	15.25
26	9-15	Keith A. Milhoan	407/375	45.25
27	9-14	Timothy S. Harrison	408/280	25.05
28	8-28	Teresa Ann Ice	494/650	449.48
29	9-4.1	Belinda Harrison	493/544	5.50
30	8-8	Belinda Harrison	493/544	38.75
31	4-43	Donzel A. & Rebecca L. Hoprnbeck	346/373	35.3
32	3-38	Julie Marie Lemons	493/298	39.80
33	3-29	Linda Kaye Gordon	482/473	26.00
34	3-39	Timothy Scott Harrison	493/300	25.25
35	3-28	Richard D. Hornbeck	483/191	120.00
36	19-34	Christenson Family Trust	439/373	99.00
37	21-1	Olga Lucile Nolan et al	157/348	14.30
38	3-23	Timothy Scott Harrison	470/754	25.50

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