

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

API 47 - 103 - 03740 County Wetzel District Green
Quad Pine Grove 7.5' Pad Name Galmish Field/Pool Name -----
Farm name Dallison Lumber Company Inc. Well Number Quay Unit 2H
Operator (as registered with the OOG) Antero Resources Corporation
Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4380964m Easting 526126m
Landing Point of Curve Northing 4381208m Easting 526510m
Bottom Hole Northing 4384310m Easting 525446m

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 10/25/2025
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:

5/22/2026
5/22/26

API 47- 103 - 03740 Farm name Dallison Lumber Company Inc. Well number Quay Unit 2H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	28"	20"	130'	New	94#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	383'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3577'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	18466'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	7236'		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	1265 sx	15.8	1.15	1455	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	2935 sx (Tail)	13.5 (Spacer), 15.2(Tail)	1.31 (Tail)	3845	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 18,466' MD, 7,097' TVD (BHL), 7,098' TVD (Deepest Point Drilled) Loggers TD (ft) 18,436' MD

Deepest formation penetrated Marcellus Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 6,403'

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 MAY 08 2026

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS WV Department of Environmental Protection

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

05/22/2026

PERFORATION RECORD

***PLEASE SEE ATTACHED EXHIBIT 1**

[illegible]

***PLEASE SEE ATTACHED EXHIBIT 2**

[illegible]

WV Department of
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05/22/2026

API 47- 103 - 03740 Farm name Dallison Lumber Company Inc. Well number Quay Unit 2H

PRODUCING FORMATION(S)

DEPTHS

Marcellus 7,052' (TOP) TVD 7,430' (TOP) MD

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 15,557.6 mcfpd Oil 395.67 bpd NGL --- bpd Water 737.5 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**

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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 N Sam Houston Pkwy E City Houston State TX Zip 77032

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 S Gaspar Title Permitting Agent Date 5/7/26

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

05/22/2026

API 47-103-03740 Farm Name Dallison Lumber Company Inc. Well Number Quay Unit 2H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	11/8/2025	18410.4	18395.6	36	Marcellus
2	11/8/2025	18357.24727	18193.4836	36	Marcellus
3	11/9/2025	18158.33091	17994.5673	36	Marcellus
4	11/9/2025	17959.41455	17795.6509	36	Marcellus
5	11/10/2025	17760.49818	17596.7345	36	Marcellus
6	11/10/2025	17561.58182	17397.8182	36	Marcellus
7	11/11/2025	17362.66545	17198.9018	36	Marcellus
8	11/11/2025	17163.74909	16999.9855	36	Marcellus
9	11/12/2025	16964.83273	16801.0691	36	Marcellus
10	11/12/2025	16765.91636	16602.1527	36	Marcellus
11	11/12/2025	16567	16403.2364	36	Marcellus
12	11/13/2025	16368.08364	16204.32	36	Marcellus
13	11/14/2025	16169.16727	16005.4036	36	Marcellus
14	11/14/2025	15970.25091	15806.4873	36	Marcellus
15	11/14/2025	15771.33455	15607.5709	36	Marcellus
16	11/15/2025	15572.41818	15408.6545	36	Marcellus
17	11/15/2025	15373.50182	15209.7382	36	Marcellus
18	11/16/2025	15174.58545	15010.8218	36	Marcellus
19	11/16/2025	14975.66909	14811.9055	36	Marcellus
20	11/16/2025	14776.75273	14612.9891	36	Marcellus
21	11/17/2025	14577.83636	14414.0727	36	Marcellus
22	11/17/2025	14378.92	14215.1564	36	Marcellus
23	11/17/2025	14180.00364	14016.24	36	Marcellus
24	11/18/2025	13981.08727	13817.3236	36	Marcellus
25	11/18/2025	13782.17091	13618.4073	36	Marcellus
26	11/19/2025	13583.25455	13419.4909	36	Marcellus
27	11/20/2025	13384.33818	13220.5745	36	Marcellus
28	11/20/2025	13185.42182	13021.6582	36	Marcellus
29	11/21/2025	12986.50545	12822.7418	36	Marcellus
30	11/21/2025	12787.58909	12623.8255	36	Marcellus
31	11/22/2025	12588.67273	12424.9091	36	Marcellus
32	11/22/2025	12389.75636	12225.9927	36	Marcellus
33	11/23/2025	12190.84	12027.0764	36	Marcellus
34	11/24/2025	11991.92364	11828.16	36	Marcellus
35	11/24/2025	11793.00727	11629.2436	36	Marcellus
36	12/3/2025	11594.09091	11430.3273	36	Marcellus
37	12/4/2025	11395.17455	11231.4109	36	Marcellus
38	12/5/2025	11196.25818	11032.4945	36	Marcellus
39	12/5/2025	10997.34182	10833.5782	36	Marcellus
40	12/6/2025	10798.42545	10634.6618	36	Marcellus
41	12/6/2025	10599.50909	10435.7455	36	Marcellus
42	12/6/2025	10400.59273	10236.8291	36	Marcellus
43	12/7/2025	10201.67636	10037.9127	36	Marcellus
44	12/7/2025	10002.76	9838.99636	36	Marcellus
45	12/7/2025	9803.843636	9640.08	36	Marcellus
46	12/7/2025	9604.927273	9441.16364	36	Marcellus
47	12/8/2025	9406.010909	9242.24727	36	Marcellus
48	12/8/2025	9207.094545	9043.33091	36	Marcellus
49	12/8/2025	9008.178182	8844.41455	36	Marcellus
50	12/9/2025	8809.261818	8645.49818	36	Marcellus
51	12/9/2025	8610.345455	8446.58182	36	Marcellus
52	12/9/2025	8411.429091	8247.66545	36	Marcellus
53	12/10/2025	8212.512727	8048.74909	36	Marcellus
54	12/10/2025	8013.596364	7849.83273	36	Marcellus
55	12/11/2025	7814.68	7650.91636	36	Marcellus
56	12/11/2025	7615.763636	7452	36	Marcellus

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API 47-103-03740 Farm Name Dallison Lumber Company Inc. Well Number Quay Unit 2H

EXHIBIT 2

Stage No.	Stimulations Date	Avg Pump Rate	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)
1	11/8/2025	77.7	10141	6337	4721	112240	3517	N/A
2	11/8/2025	89.9	10390	4597	5117	413940	6986	N/A
3	11/9/2025	95.2	10649	6440	4952	407520	7163	N/A
4	11/9/2025	99	10467	5350	4888	408200	7310	N/A
5	11/10/2025	96.3	10371	4706	4469	412630	7078	N/A
6	11/10/2025	97.7	10370	6307	4667	400940	7021	N/A
7	11/11/2025	97	10213	5796	5102	412340	7199	N/A
8	11/11/2025	93.7	9839	6988	4807	403440	9057	N/A
9	11/12/2025	97	10121	5208	5367	418560	7320	N/A
10	11/12/2025	97.7	10127	5370	4127	412700	7074	N/A
11	11/12/2025	97.5	9779	6405	5451	412980	6941	N/A
12	11/13/2025	96.9	10042	5562	3922	399760	7085	N/A
13	11/14/2025	98.2	10246	5795	5387	412660	6977	N/A
14	11/14/2025	97.2	10085	5730	4224	413960	7063	N/A
15	11/14/2025	97.7	9937	6004	5357	395660	6820	N/A
16	11/15/2025	97.6	10029	5124	4231	415700	6983	N/A
17	11/15/2025	97.9	10032	5161	3995	414840	7050	N/A
18	11/16/2025	99.1	10329	6283	5127	409860	6932	N/A
19	11/16/2025	97.7	10084	5224	4198	414320	7045	N/A
20	11/16/2025	97.5	9321	5346	5393	412060	7009	N/A
21	11/17/2025	97	9705	5482	5567	417040	6961	N/A
22	11/17/2025	98.1	9665	6602	5282	415500	7087	N/A
23	11/17/2025	98.1	9886	6155	5475	401180	6737	N/A
24	11/18/2025	97.7	10111	6968	4649	414840	7078	N/A
25	11/18/2025	98.4	9844	6272	4482	408620	6885	N/A
26	11/19/2025	93.6	9278	6061	5110	409300	8388	N/A
27	11/20/2025	98.6	9274	5806	5364	409820	6902	N/A
28	11/20/2025	96.5	9350	6631	4639	412760	7040	N/A
29	11/21/2025	97.6	9401	5910	5201	413840	6867	N/A
30	11/21/2025	98.5	9135	5379	5623	411020	6877	N/A
31	11/22/2025	98.7	9353	5941	4468	410680	6872	N/A
32	11/22/2025	97.9	9343	5084	5459	411760	6887	N/A
33	11/23/2025	97.6	9245	6567	4538	414120	6937	N/A
34	11/24/2025	98.5	9105	5383	5289	400840	6810	N/A
35	11/24/2025	98.9	9257	5942	4699	396400	6783	N/A
36	12/3/2025	98.7	9340	6712	4301	409660	6876	N/A
37	12/4/2025	98.3	9282	6296	5104	416060	6917	N/A
38	12/5/2025	98.6	9251	6026	4881	411740	6883	N/A
39	12/5/2025	98.7	9403	5255	5277	415420	7107	N/A
40	12/6/2025	98.5	9141	5446	4750	408900	6808	N/A
41	12/6/2025	95.3	8601	5900	5496	409140	7025	N/A
42	12/6/2025	98.8	8822	6314	4928	415520	6947	N/A
43	12/7/2025	98.1	9000	5935	4901	407900	6838	N/A
44	12/7/2025	98.5	8596	5957	5090	410700	6862	N/A
45	12/7/2025	98.2	8769	6369	4994	408860	6791	N/A
46	12/7/2025	97.5	8703	6224	4912	403720	8383	N/A
47	12/8/2025	98.8	8529	5239	5212	404400	6748	N/A
48	12/8/2025	98.3	8516	5934	5422	410080	6534	N/A
49	12/8/2025	98.1	8361	5812	5144	411520	6550	N/A
50	12/9/2025	97.9	8281	5585	5132	412840	6737	N/A
51	12/9/2025	98.3	8403	5997	5145	406180	6535	N/A
52	12/9/2025	98.5	8608	6499	5068	417760	6571	N/A
53	12/10/2025	99.1	8883	6528	4945	410140	6174	N/A
54	12/10/2025	98.9	8228	6305	4703	411180	6525	N/A
55	12/11/2025	98.1	8421	6876	4834	409120	6611	N/A
56	12/11/2025	97.7	8263	5276	4458	410920	6538	N/A
	AVERAGE	97	9,427	5,900	4,929	22,673,790	387,701	TOTAL

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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	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	2,090	2,170	2,123
Big Lime	2,120	2,912	2,123	2,964
Fifty Foot Sandstone	2,912	2,969	2,934	3,023
Gordon	2,969	3,121	2,993	3,177
Fifth Sandstone	3,121	3,579	3,147	3,646
Bayard	3,579	3,988	3,616	4,066
Speechley	3,988	4,126	4,036	4,207
Balltown	4,126	4,560	4,177	4,652
Bradford	4,560	5,149	4,622	5,255
Benson	5,149	5,609	5,225	5,727
Alexander	5,609	6,830	5,697	7,014
Sycamore	6,667	6,800	6,821	6,984
Middlesex	6,800	6,897	6,984	7,126
Burkett	6897	6,930	7126	7182
Tully	6930	7,022	7182	7400
Marcellus	7022	NA	7400	NA

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LATITUDE 39°35'00"

8,260'

LATITUDE 39°37'30"

10,452' TO BOTTOM HOLE

Antero Resources
Corporation
Well No. Quay #2H

LESSOR	
A	NELDA JEAN KOCHER GLOVER
B	WILLIAM W. FLETCHER, SR.
C	WILLIAM W. FLETCHER, SR.
D	WILLIAM W. FLETCHER, SR.
E	JOHN PHILLIP SPRINGER AND EVA J. SPRINGER
F	FRANCIS DAVID SPRINGER
G	DEAN H. BUCHER
H	STONE HILL MINERALS HOLDINGS, LLC.
I	WILMA MARIE MORRIS
J	JEFFREY L. MASON
K	JUNIOR L. ROBINSON
L	JUNIOR L. ROBINSON
M	SHIBEN ESTATES, INC.
N	EDDIE D. DALLISON
O	SHARON S. FRANCIS
P	RONALD L. HALL AND R. KEVIN HALL
Q	BOUNTY MINERALS, LLC.
R	BOUNTY MINERALS, LLC.
S	BRC APPALACHIAN MINERALS I, LLC.
T	ROBERT BARRY MYERS, JR.
U	ROBERT BARRY MYERS, JR.
V	FREEDA MARIE BROWN
W	AUNIX ENERGY, LLC
X	NELDA JEAN KOCHER GLOVER

Green District - Wetzel County	
4-24	George Mason, Et Al
4-36	George Mason, Et Al
4-37	Harrison Cemetery
4-38	William Fletcher
4-49	William Fletcher
4-56	William Fletcher
4-47	William Fletcher
9-9	James Welch, Et Al
9-10	Howard & Clara Bucher
9-11	Wilma Morris
9-23	Karen Mason
9-24	Wilma Morris
9-35	Trixie Robinson
9-36	Trixie Robinson
9-46	John Haight
9-47	Dallison Lumber Company Inc.
9-48	Dallison Lumber Company Inc.
9-49	Ronald & Kevin Hall
9-58	Dallison Lumber Company Inc.
14-4	Harry & Sharon Burton
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

AS DRILLED:
WELL 2H TOP HOLE INFORMATION:
N: 394,842ft E: 1,662,900ft
LAT: 39°34'40.48" LON: 80°41'45.50"
BOTTOM HOLE INFORMATION:
N: 405,859ft E: 1,660,851ft
LAT: 39°36'29.09" LON: 80°42'13.55"
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.

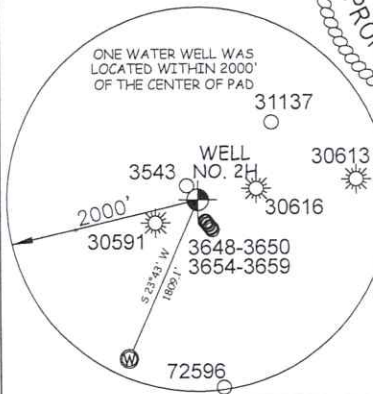
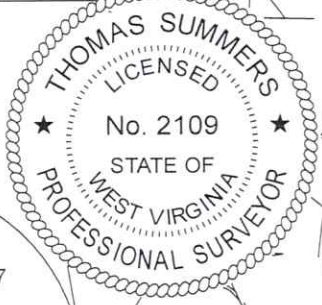
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,380,964m E: 526,126m
BOTTOM HOLE INFORMATION:
N: 4,384,310m E: 525,446m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,372,498ft E: 1,726,084ft
POINT OF ENTRY INFORMATION:
N: 14,373,034ft E: 1,727,379ft
BOTTOM HOLE INFORMATION:
N: 14,383,476ft E: 1,723,852ft

WV NORTH ZONE
GRID NORTH1,976'
6,163' TO BOTTOM HOLE

LONGITUDE 80°40'00"

LONGITUDE 80°40'00"



PAD LAYOUT NOT TO SCALE

- ANGELO UNIT 1H
- CRAFTSMAN UNIT 1H
- SPRINGER UNIT 1H
- BUCHER UNIT 1H
- QUAY UNIT 1H
- QUAY UNIT 2H

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.

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.



STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

JOB # 25-013WA

DRAWING # QUAY2HAD

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# QUAY UNIT #2H

47 - 103 - 03740

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

TARGET FORMATION MARCELLUS

ESTIMATED DEPTH 7,097' TVD 18,466' MD

WELL OPERATOR ANTERO RESOURCES CORP.

DESIGNATED AGENT CONRAD BASTON

ADDRESS 1815 WYNKOOP ST.

ADDRESS 535 WHITE OAK BLVD.

DENVER, CO 80202

BRIDGEPORT, WV 26330

05/22/2026

COUNTY NAME
PERMIT

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/08/2025
Job End Date:	12/11/2025
State:	West Virginia
County:	Wetzel
API Number:	47-103-03740-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Quay Unit 2H
Latitude:	39.577989
Longitude:	-80.695795
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7084
Total Base Water Volume (gal)*:	16887612
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)					
StimSTREAM 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	85.76546	
			Crystalline Silica	14808-60-7	99.90000	13.83229	
			Water	7732-18-5	85.00000	0.26997	
			Hydrochloric Acid	7647-01-0	15.00000	0.04764	
			Aluminum Oxide	1344-28-1	0.10000	0.01385	
			Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate copolymer	69418-26-4	40.00000	0.01205	
			Alkanes, C12-26-branched and linear	90622-53-0	40.00000	0.01205	
			Heavy Aliphatic Naphtha	64742-96-7	60.00000	0.00752	
			Water	7732-18-5	90.00000	0.00741	
			Guar gum	9000-30-0	50.00000	0.00627	
			Water	7732-18-5	15.00000	0.00452	
			Hydrotreated light distillates	64742-47-8	25.00000	0.00423	
			Ammonium Persulfate	7727-54-0	89.00000	0.00239	
			Glutaraldehyde	111-30-8	20.00000	0.00165	
			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00151	
			Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.00000	0.00085	
			Trade Secret	Proprietary	5.00000	0.00063	
			Trade Secret	Proprietary	3.00000	0.00038	
			Trade Secret	Proprietary	3.00000	0.00038	
			Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	3.00000	0.00025	
			Didecyldimethylammonium Chloride	7173-51-5	3.00000	0.00025	
			Ethylene glycol	107-21-1	45.00000	0.00014	
			Glycol Ether EB	111-76-2	45.00000	0.00014	
			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	0.00005	
			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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