

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

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WV Department of
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API 47 - 017 - 06971 County Doddridge District Southwest
Quad Oxford 7.5' Pad Name Locke Pad Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Farley 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 4336555m Easting 514436m
Landing Point of Curve Northing 4336627.74m Easting 513672.64
Bottom Hole Northing 4340105m Easting 512237m

Elevation (ft) 1100.5' 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 12/13/2023 Date drilling commenced 12/22/2024 Date drilling ceased 2/3/2025
Date completion activities began 3/30/2025 Date completion activities ceased 5/8/2025
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 775', 781' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1733', 1750' 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

Reviewed by:

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API 47- 017 - 06971 Farm name Antero Resources Corporation Well number Farley 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"	125.5'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	458'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3040'	New	34.89#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	19671'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6926'		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	386 sx	15.6	1.18	455	0'	8 Hrs.
Surface	Class A	439 sx	15.6	1.19	522	0'	8 Hrs.
Coal							
Intermediate 1	Class H	1034 sx	15.6	1.18	1220	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	3425 sx (Tail)	12.5 (Lead), 15.2(Tail)	1.26 (Tail)	4316	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 19671' MD, 6612' TVD (BHL), 6612' (Deepest Point Drilled) Loggers TD (ft) 19671' MD
Deepest formation penetrated Marcellus Plug back to (ft) N/A
Plug back procedure N/A

Kick off depth (ft) 6252'

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

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API 47- 017 - 06971

Farm name Antero Resources Corporation

Well number Farley Unit 2H

PERFORATION RECORD

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

***PLEASE SEE ATTACHED EXHIBIT 1**

[illegible]

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Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

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Complete a separate record for each stimulation stage.

[illegible]

***PLEASE SEE ATTACHED EXHIBIT 2**

[illegible]

Please insert additional pages as applicable.

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API 47- 017 - 06971 Farm name Antero Resources Corporation Well number Farley Unit 2H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	6456' (TOP)	TVD	7110' (TOP) MD

Please insert additional pages as applicable.

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

SHUT-IN PRESSURE Surface 2050 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
11530 mcfpd 148 bpd --- bpd 972 bpd ☐ Estimated ☒ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
*PLEASE SEE ATTACHED EXHIBIT 3					

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					Environmental Protection

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 Dowell Schlumberger
Address 600 Industrial Drive City Beckley State WV Zip 25801

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

Please insert additional pages as applicable.

Completed by Carly Wren Telephone 303-357-7373
Signature [Signature] Title Permitting Agent Date 7/28/2025

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

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8-20-25

API 47-017-06971 Farm Name Antero Resources Corporation Well Number Farley Unit 2H

Exhibit 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	3/30/2025	19615.40	19599.90	60	Marcellus
2	3/30/2025	19561.26	19396.08	60	Marcellus
3	3/30/2025	19360.64	19195.45	60	Marcellus
4	3/31/2025	19160.01	18994.83	60	Marcellus
5	3/31/2025	18959.39	18794.20	60	Marcellus
6	4/1/2025	18758.77	18593.58	60	Marcellus
7	4/1/2025	18558.14	18392.95	60	Marcellus
8	4/1/2025	18357.52	18192.33	60	Marcellus
9	4/1/2025	18156.89	17991.71	60	Marcellus
10	4/2/2025	17956.27	17791.08	60	Marcellus
11	4/2/2025	17755.64	17590.46	60	Marcellus
12	4/2/2025	17555.02	17389.83	60	Marcellus
13	4/3/2025	17354.40	17189.21	60	Marcellus
14	4/3/2025	17153.77	16988.59	60	Marcellus
15	4/3/2025	16953.15	16787.96	60	Marcellus
16	4/4/2025	16752.52	16587.34	60	Marcellus
17	4/4/2025	16551.90	16386.71	60	Marcellus
18	4/4/2025	16351.28	16186.09	60	Marcellus
19	4/4/2025	16150.65	15985.46	60	Marcellus
20	4/5/2025	15950.03	15784.84	60	Marcellus
21	4/5/2025	15749.40	15584.22	60	Marcellus
22	4/5/2025	15548.78	15383.59	60	Marcellus
23	4/6/2025	15348.15	15182.97	60	Marcellus
24	4/6/2025	15147.53	14982.34	60	Marcellus
25	4/6/2025	14946.91	14781.72	60	Marcellus
26	4/7/2025	14746.28	14581.10	60	Marcellus
27	4/7/2025	14545.66	14380.47	60	Marcellus
28	4/7/2025	14345.03	14179.85	60	Marcellus
29	4/7/2025	14144.41	13979.22	60	Marcellus
30	4/8/2025	13943.79	13778.60	60	Marcellus
31	4/8/2025	13743.16	13577.97	60	Marcellus
32	4/8/2025	13542.54	13377.35	60	Marcellus
33	4/8/2025	13341.91	13176.73	60	Marcellus
34	4/9/2025	13141.29	12976.10	60	Marcellus
35	4/9/2025	12940.66	12775.48	60	Marcellus
36	4/9/2025	12740.04	12574.85	60	Marcellus
37	4/10/2025	12539.42	12374.23	60	Marcellus
38	4/10/2025	12338.79	12173.60	60	Marcellus
39	4/10/2025	12138.17	11972.98	60	Marcellus
40	4/11/2025	11937.54	11772.36	60	Marcellus
41	4/11/2025	11736.92	11571.73	60	Marcellus
42	4/11/2025	11536.29	11371.11	60	Marcellus
43	4/12/2025	11335.67	11170.48	60	Marcellus
44	4/12/2025	11135.05	10969.86	60	Marcellus
45	4/12/2025	10934.42	10769.24	60	Marcellus
46	4/12/2025	10733.80	10568.61	60	Marcellus
47	4/13/2025	10533.17	10367.99	60	Marcellus
48	4/13/2025	10332.55	10167.36	60	Marcellus
49	4/13/2025	10131.93	9966.74	60	Marcellus
50	4/14/2025	9931.30	9766.11	60	Marcellus
51	4/14/2025	9730.68	9565.49	60	Marcellus
52	4/14/2025	9530.05	9364.87	60	Marcellus
53	4/15/2025	9329.43	9164.24	60	Marcellus
54	4/15/2025	9128.80	8963.62	60	Marcellus
55	4/15/2025	8928.18	8762.99	60	Marcellus
56	4/15/2025	8727.56	8562.37	60	Marcellus
57	4/16/2025	8526.93	8361.75	60	Marcellus
58	4/16/2025	8326.31	8161.12	60	Marcellus
59	4/16/2025	8125.68	7960.50	60	Marcellus
60	4/17/2025	7925.06	7759.87	60	Marcellus
61	4/17/2025	7724.44	7559.25	60	Marcellus
62	4/17/2025	7523.81	7358.62	60	Marcellus
63	4/17/2025	7323.19	7158.00	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	3/30/2025	73.3	8751	7621	3381	115300	3955	N/A
2	3/30/2025	87.5	9867	7445	3110	403500	6984	N/A
3	3/30/2025	89.7	9953	7197	3603	403140	6881	N/A
4	3/31/2025	94.1	10286	9268	3708	408860	6801	N/A
5	3/31/2025	92.3	10177	8564	4021	410960	6865	N/A
6	4/1/2025	92.7	10291	6097	3252	417260	6966	N/A
7	4/1/2025	96.5	10450	8481	3982	404500	6835	N/A
8	4/1/2025	96.8	10137	7745	4106	404280	6931	N/A
9	4/1/2025	91.8	9863	5608	3640	404380	6783	N/A
10	4/2/2025	96.2	10224	8792	3796	405320	6852	N/A
11	4/2/2025	97.4	10291	8671	3789	396580	6639	N/A
12	4/2/2025	96.8	9919	8302	2972	401460	6901	N/A
13	4/3/2025	92.9	9761	6858	3054	405200	6944	N/A
14	4/3/2025	97.1	9580	7065	3179	412060	6839	N/A
15	4/3/2025	96.1	9802	6602	3921	410440	6983	N/A
16	4/4/2025	95.8	9934	8973	1847	417040	6964	N/A
17	4/4/2025	96.0	10019	7266	3917	402440	6795	N/A
18	4/4/2025	95.7	10155	7920	2714	403320	6822	N/A
19	4/4/2025	96.6	9950	6596	3009	408120	6947	N/A
20	4/5/2025	96.7	9636	7382	3441	407900	6833	N/A
21	4/5/2025	95.3	9814	7555	3485	400920	6816	N/A
22	4/5/2025	95.9	9866	6514	3817	409980	7079	N/A
23	4/6/2025	96.7	9514	6521	3680	406000	6955	N/A
24	4/6/2025	98.3	9261	7054	3675	403780	6892	N/A
25	4/6/2025	97.0	9466	7303	2835	403760	6775	N/A
26	4/7/2025	94.2	9527	7404	3789	406780	7070	N/A
27	4/7/2025	95.8	9208	6729	4064	413060	6856	N/A
28	4/7/2025	96.9	9527	6660	3888	394300	6635	N/A
29	4/7/2025	96.7	8705	4662	3359	413260	6988	N/A
30	4/8/2025	92.3	9095	6757	3659	408440	6984	N/A
31	4/8/2025	96.9	9026	7404	3788	413860	6841	N/A
32	4/8/2025	96.3	9522	6897	3550	403620	6724	N/A
33	4/8/2025	98.1	9197	6800	3870	397420	6764	N/A
34	4/9/2025	97.0	9033	6858	3719	407860	6808	N/A
35	4/9/2025	95.7	9563	7247	4096	409560	7097	N/A
36	4/9/2025	98.3	8821	8307	3547	413320	7136	N/A
37	4/10/2025	98.8	9051	6886	3630	405820	7198	N/A
38	4/10/2025	97.6	8756	6407	3865	408020	7000	N/A
39	4/10/2025	94.8	8520	6758	3035	409520	7017	N/A
40	4/11/2025	98.7	8704	7323	3475	410080	7108	N/A
41	4/11/2025	95.8	8486	7312	3782	403660	6788	N/A
42	4/11/2025	96.3	8417	4847	3001	404040	7008	N/A
43	4/12/2025	97.3	8320	7999	3256	404840	7057	N/A
44	4/12/2025	95.9	8137	7422	3764	401800	7085	N/A
45	4/12/2025	97.9	7946	5828	3645	398600	6953	N/A
46	4/12/2025	98.3	8205	7024	3397	399240	6859	N/A
47	4/13/2025	98.5	8208	8241	3409	404550	7063	N/A
48	4/13/2025	96.4	8152	7213	3816	410080	6880	N/A
49	4/13/2025	96.6	7824	6640	3375	410300	7167	N/A
50	4/14/2025	96.8	8193	7070	2685	410280	6932	N/A
51	4/14/2025	96.9	7657	6235	3373	404180	6786	N/A
52	4/14/2025	96.5	8418	6239	2901	405320	6835	N/A
53	4/15/2025	97.3	7816	7157	2565	412760	7140	N/A
54	4/15/2025	96.0	7648	6023	3322	407080	6673	N/A
55	4/15/2025	96.5	7812	7176	3437	420160	7002	N/A
56	4/15/2025	99.7	8041	7839	3272	411660	6854	N/A
57	4/16/2025	98.5	7728	7727	3530	413620	6804	N/A
58	4/16/2025	96.3	7725.0	7174.0	3168.0	404840.0	6828.0	N/A
59	4/16/2025	95.3	7384.0	7201.0	3425.0	416140.0	6773.0	N/A
60	4/17/2025	97.7	7129.0	6533.0	2982.0	411500.0	6750.0	N/A
61	4/17/2025	95.1	7017.0	6429.0	3091.0	409040.0	6858.0	N/A
62	4/17/2025	95.3	7397.0	7450.0	3330.0	409580.0	6898.0	N/A
63	4/17/2025	98.0	6979.0	6762.0	2713.0	411240.0	6711.0	N/A
	AVERAGE	96	8,950	7,143	3,437	25,365,930	431,967	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
Silty Sandstone	424	574	424	574
Sandstone, rr Siltstone	574	724	574	724
Silty Sandstone	724	1,024	724	1,024
Sandstone, Siltstone	774	1,374	774	1,374
Silty Sandstone	1,024	1,374	1,024	1,374
Silty Sandstone	1,374	1,474	1,374	1,474
Sandstone, Occ Siltstone	1,474	1,724	1,474	1,724
Sandstone, Siltstone	1,724	1,774	1,724	1,774
Siltstone, Sandstone	1,774	1,874	1,774	1,874
Sandy Siltstone, Occ Limestone	1,874	1,851	1,874	1,897
Big Lime	1,877	2,613	1,897	2,703
Fifty Foot Sandstone	2,613	2,762	2,677	2,862
Gordon	2,762	2,893	2,836	3,003
Fifth Sandstone	2,893	3,001	2,977	3,117
Bayard	3,001	3,752	3,091	3,922
Speechley	3,752	3,938	3,896	4,121
Balltown	3,938	4,439	4,095	4,662
Bradford	4,439	4,830	4,636	5,097
Benson	4,830	5,081	5,071	5,383
Alexander	5,081	6,300	5,357	6,780
Sycamore	6,090	6,274	6,520	6,754
Middlesex	6,274	6,384	6,754	6,932
Burkett	6,384	6,427	6,932	7,024
Tully	6,427	6,456	7,024	7,110
Marcellus	6,456	NA	7,110	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:	03/30/2025
Job End Date:	04/17/2025
State:	West Virginia
County:	Doddridge
API Number:	47-017-06971-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Farley Unit 2H
Latitude:	39.178108
Longitude:	-80.832867
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6546
Total Base Water Volume (gal)*:	18908358
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					
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 100CE-8	NexTier Completions Solutions	Friction Reducer					
SlickStim 150CE-15	NexTier Completions	Friction Reducer					

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	Solutions						
StimBreak Encap APB LT	NexTier Completions Solutions	Breaker					
Water	Operator	Carrier Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	85.78842	
			Crystalline Silica	14808-60-7	99.90000	13.82433	
			Water	7732-18-5	85.00000	0.26871	
			Hydrochloric Acid	7647-01-0	15.00000	0.04742	
			Aluminum Oxide	1344-28-1	0.10000	0.01384	
			Distillates (petroleum), hydrotreated light	64742-47-8	30.00000	0.00723	
			Copolymer of 2- propenamide	Proprietary	30.00000	0.00723	
			Distillates (petroleum), hydrotreated light	64742-47-8	30.00000	0.00658	
			Chemplex-Polymer-00019	Proprietary	20.00000	0.00439	
			Glutaraldehyde	111-30-8	30.00000	0.00275	
			ammonium chloride	12125-02-9	5.00000	0.00121	
			ammonium chloride	12125-02-9	5.00000	0.00110	
			alcohols, C12-16, ethoxylated	68551-12-2	5.00000	0.00110	
			oleic acid diethanolamide	93-83-4	5.00000	0.00110	
			Distillates (Petroleum), Hydrotreated Light	64742-47-8	50.00000	0.00077	
			Surfactant	Proprietary	3.00000	0.00072	
			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	
			Ammonium Persulfate	7727-54-0	90.00000	0.00020	
			Ethylene glycol	107-21-1	45.00000	0.00014	
			Glycol Ether EB	111-76-2	45.00000	0.00014	
			Bentonite	1302-78-9	5.00000	0.00008	
			Alkoxylated Isodecyl Alcohol	154518-36-2	5.00000	0.00008	
			N,N-Dimethylformamide	68-12-2	20.00000	0.00006	
			Tar bases,quinoline derivs.,benzyl chloride- quaternized	72480-70-7	20.00000	0.00006	

01/23/2026

			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	

* 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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265 Travel Time (usec) 165	0 Amplitude (mV)100	0 AMPMIN 150	Variable Density	1 Cement Map 8
9 Casing Collar -1	1 BONDIX 0	0 AMPMAX 150	300 (usec) 1200	
0 Gamma Ray (GAPI) 150		0 AMPAVG 150		
Line Speed		TEMP		
-100 (ft/min) 100		(degF)		
0 Line Tension (lb) 2000				

Log Variables

Database: C:\ProgramData\WarrionData\antero farley 2h rcbl 3-12-2025 db
Dataset: field/well/run1/pass5/_vars_

Top - Bottom							
BHTEMP_Src TEMP	BOREID in 7.875	BOTTEMP degF 100	CASEOD in 5.5	CASETHCK in 0	CASEWGHT lb/ft 23	MAXAMPL mV 71.921	MINAMPL mV 3.4
MINATTN db/ft 9.6	PERFS No	PPT usec 0	SRFTEMP degF 0	TDEPTH ft 0			

Variable Description	
BHTEMP_Src : BHTEMP Input Source Selector	MINAMPL : Minimum Amplitude
BOREID : Borehole I.D	MINATTN : Minimum Attenuation
BOTTEMP : Bottom Hole Temperature	PERFS : Perforation Flag
CASEOD : Casing O.D	PPT : Predicted Pipe Time
CASETHCK : Casing Thickness	SRFTEMP : Surface Temperature
CASEWGHT : Casing Weight	TDEPTH : Total Depth
MAXAMPL : Maximum Amplitude	

Calibration Report						
Database File	antero farley 2h rcbl 3-12-2025 db					
Dataset Pathname	pass4					
Dataset Creation	Wed Mar 12 09:52:54 2025					
Gamma Ray Calibration Report						
Serial Number:	FW1211-86					
Tool Model:	Probe					
Performed:	Mon Feb 3 12:18:32 2014					
Calibrator Value:	1.0	GAPI				
Background Reading:	0.0	cps				
Calibrator Reading:	1.0	cps				
Sensitivity:	0.8000	GAPI/cps				
Segmented Cement Bond Log Calibration Report						
Serial Number:	FW1312-32					
Tool Model:	Probe275T					
Calibration Casing Diameter:	5.500	in				
Calibration Depth:	760.058	ft				
Master Calibration, performed Tue Mar 11 17:28:12 2025:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.015	0.939	3.400	71.921	74.132	2.293
CAL	0.002	0.283				
5'	0.008	0.691	3.400	71.921	100.331	2.559
SUM						
S1	0.023	1.009	0.000	100.000	101.381	-2.320
S2	0.011	0.946	0.000	100.000	107.009	-1.203
S3	0.004	0.956	0.000	100.000	105.061	-0.432
S4	0.004	0.966	0.000	100.000	103.954	-0.447
S5	0.006	0.904	0.000	100.000	111.365	-0.682
S6	0.006	0.884	0.000	100.000	114.004	-0.732
S7	0.009	0.860	0.000	100.000	117.424	-1.036
S8	0.008	0.958	0.000	100.000	105.182	-0.800
Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.002	0.283	1.000	0.000
Air Zero Calibration, performed Tue Mar 11 17:06:05 2025:						
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero			Offset
3'	0.000		0.000			0.000
5'	0.000		0.000			0.000
SUM						
S1	0.000		0.000			0.000
S2	0.000		0.000			0.000
S3	0.000		0.000			0.000
S4	0.000		0.000			0.000
S5	0.000		0.000			0.000
S6	0.000		0.000			0.000
S7	0.000		0.000			0.000
S8	0.000		0.000			0.000

RECEIVED
Office of Oil & Gas
AUG 07 2025
WV Department of
Environmental Protection

	Company	ANTERO RESOURCES
	Well	FARLEY 2H
	Field	WHITE OAK
	County	DODDRIDGE
	State	WV

01/23/2026

LATITUDE 39°12'30"

11,728'

LATITUDE 39°15'00"

7,111' TO BOTTOM HOLE

Antero Resources
Corporation
Well No. Farley #2H

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 249,754ft E: 1,622,108ft
LAT: 39°10'40.89" LON: 80°49'58.93"
BOTTOM HOLE INFORMATION:
N: 261,523ft E: 1,615,087ft
LAT: 39°12'36.16" LON: 80°51'30.35"
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,
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ARE BASED ON GRID NORTH.

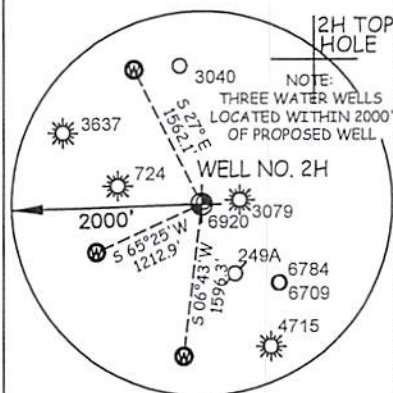
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
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BOTTOM HOLE INFORMATION:
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N: 14,226,888ft E: 1,685,346ft
BOTTOM HOLE INFORMATION:
N: 14,238,446ft E: 1,680,518ft

SOUTHWEST DIST. DODDRIDGE CO.

1-1	JEFFREY POLAN
4-2	CEVASCO FAMILY TRUST
4-4	JUANITA LEGGETT
4-5	I L MORRIS
4-18	JAMES WEBB
4-19.5	DANA HURST
4-19.6	TERON SWICK
4-19.7	JAMES WEBB
4-19.8	JAMES WEBB
4-19.9	JAMES WEBB
4-21	ANTHONY AYERS
4-24	I L MORRIS
4-26	ANTHONY AYERS
4-27	ANTHONY AYERS
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4-28.1	STANLEY WEBB
4-28.2	DEPT. OF HIGHWAYS
4-28.3	CHRIS FARLEY
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4-32	JOHN HEWINS
4-32.1	NICOLAS WEBB
4-33	TINA OSBORNE
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8-03	RANDALL RUSSELL
8-04	JOHN GRAY HRS
8-05	LARRY GANDER
9-1.1	TINA OSBORNE
9-2.1	BRIAN PRIM
9-3.2	JUANITA LEGGETT
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9-10	DELBERT OSBORNE
9-14	KERRY JUNKINS
9-15	ROBERT LEE BROWNFIELD JR
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15-05	LARRY GANDER

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E	SHARON WICK
F	BRENT MAXWELL ET UX
G	W.L. STINESPRING ET UX
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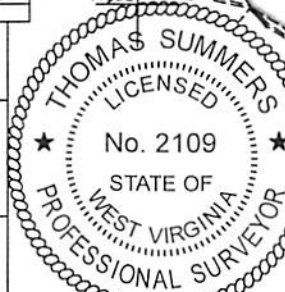


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

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



JOB # 23-019WA
DRAWING # FARLEY2HAD
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

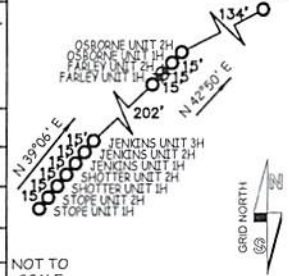
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
○ Proposed Well Path
○ As Drilled Well Path

THOMAS SUMMERS P.S. 2109

DATE 7/23/25

OPERATOR'S WELL# FARLEY UNIT #2H

PAD LAYOUT



NOT TO
SCALE

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.
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WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ 47 - 017 - 06971
(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒ STATE COUNTY PERMIT
LOCATION: ELEVATION 1,100.5' - AS BUILT WATERSHED SOUTH FORK HUGHES RIVER
QUADRANGLE OXFORD 7.5' DISTRICT SOUTHWEST COUNTY DODDRIDGE
SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 59.74 ACRES +/- 01/23/2026
OIL & GAS ROYALTY OWNER E. W. OSBORNE ET AL LEASE ACREAGE 180 AC±

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 6,612' TVD 19,671' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CONRAD BASTON
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD
FORM WW-6 DENVER, CO 80202 BRIDGEPORT, WV 26330

COUNTY NAME
PERMIT

As-Drilled

LATITUDE 39°12'30"

11,728'

LATITUDE 39°15'00"

7,111' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Farley #2H

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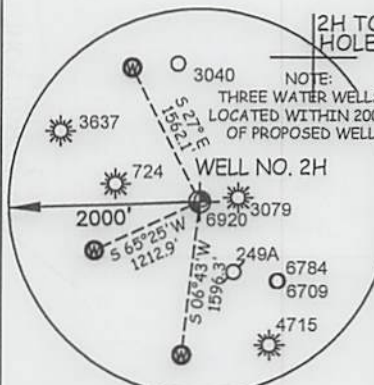
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UNION DIST. RITCHIE CO.
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T	BILLIE L. BARTEE
U	N.H. LEGGETT ET AL
V	J. S. BRITTON ET UX



2H TOP HOLE

NOTE:

THREE WATER WELLS

LOCATED WITHIN 2000'

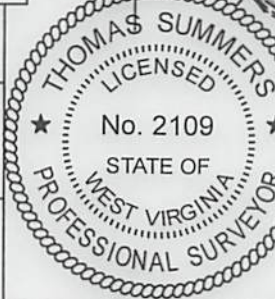
OF PROPOSED WELL

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OFFICE OF OIL AND GAS

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220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415



JOB # 23-019WA

DRAWING # FARLEY2HAD

SCALE 1" = 2000'

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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 7/23/25

OPERATOR'S WELL# FARLEY UNIT #2H

PAD LAYOUT



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(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒

LOCATION: ELEVATION 1,100.5' - AS BUILT

QUADRANGLE OXFORD 7.5'

SURFACE OWNER ANTERO RESOURCES CORPORATION

OIL & GAS ROYALTY OWNER E.W. OSBORNE ET AL

WASTE DISPOSAL 47 - 017 - 06971

STATE COUNTY PERMIT

WATERSHED SOUTH FORK HUGHES RIVER

DISTRICT SOUTHWEST COUNTY DODDRIDGE

ACREAGE 59.74 ACRES +/- 01/23/2026

LEASE ACREAGE 180 AC±

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

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ADDRESS 535 WHITE OAKS BLVD

BRIDGEPORT, WV 26330

FORM WW-6

DENVER, CO 80202

COUNTY NAME PERMIT