

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

API 47 - 095 - 02842 County Tyler District Ellsworth
Quad Porter Falls 7.5' Pad Name Ed Yost Field/Pool Name ----
Farm name Edward Yost Estate Well Number Peach Fork 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 4377605m Easting 514059m
Landing Point of Curve Northing 4377956.07m Easting 513911.41m
Bottom Hole Northing 4383248m Easting 512119m

Elevation (ft) 1233' 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

RECEIVED
Office of Oil and Gas
JAN 05 2024
WV Department of
Environmental Protection

Date permit issued 12/19/2022 Date drilling commenced 1/23/2023 Date drilling ceased 4/9/2023
Date completion activities began 7/10/2023 Date completion activities ceased 9/4/2023
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 203' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1810' 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

APPROVED

Reviewed by [Signature]
02/16/2024

API 47-095 - 02842 Farm name Edward Yost Estate Well number Peach Fork 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	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	388'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3457'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4" /8-1/2"	5-1/2"	25626'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6761'		4.7#, J-55		
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	178 sx	15.6	1.18	210	0'	8 Hrs.
Surface	Class C	355 sx	15.8	1.17	415	0'	8 Hrs.
Coal							
Intermediate 1	Class C	1195 sx	15.8	1.16	1386	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	4275 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.25 (Tail)	4959	~500' into Intermediate Casing	8 Hrs.
Tubing							

RECEIVED
Office of Oil and Gas

Drillers TD (ft) 25626' MD, 6689' TVD (BHL), 6771' TVD (Deepest Point Drilled) Loggers TD (ft) 25626' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

JAN 05 2024

Kick off depth (ft) 6213'

WV Department of
Environmental Protection

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

02/16/2024

API 47-095-02842 Farm Name Edward Yost Estate Well Number Peach Fork Unit 2H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	7/10/2023	25497	25453	60	Marcellus
2	7/10/2023	25414.7029	25250.2174	60	Marcellus
3	7/13/2023	25214.92029	25050.4348	60	Marcellus
4	7/13/2023	25015.13768	24850.6522	60	Marcellus
5	7/13/2023	24815.35507	24650.8696	60	Marcellus
6	7/13/2023	24615.57246	24451.087	60	Marcellus
7	7/13/2023	24415.78986	24251.3043	60	Marcellus
8	7/14/2023	24216.00725	24051.5217	60	Marcellus
9	7/14/2023	24016.22464	23851.7391	60	Marcellus
10	7/14/2023	23816.44203	23651.9565	60	Marcellus
11	7/15/2023	23616.65942	23452.1739	60	Marcellus
12	7/15/2023	23416.87681	23252.3913	60	Marcellus
13	7/15/2023	23217.0942	23052.6087	60	Marcellus
14	7/15/2023	23017.31159	22852.8261	60	Marcellus
15	7/16/2023	22817.52899	22653.0435	60	Marcellus
16	7/16/2023	22617.74638	22453.2609	60	Marcellus
17	7/16/2023	22417.96377	22253.4783	60	Marcellus
18	7/17/2023	22218.18116	22053.6957	60	Marcellus
19	7/17/2023	22018.39855	21853.913	60	Marcellus
20	7/17/2023	21818.61594	21654.1304	60	Marcellus
21	7/18/2023	21618.83333	21454.3478	60	Marcellus
22	7/18/2023	21419.05072	21254.5652	60	Marcellus
23	7/18/2023	21219.26812	21054.7826	60	Marcellus
24	7/20/2023	21019.48551	20855	60	Marcellus
25	7/20/2023	20819.7029	20655.2174	60	Marcellus
26	7/21/2023	20619.92029	20455.4348	60	Marcellus
27	7/21/2023	20420.13768	20255.6522	60	Marcellus
28	7/21/2023	20220.35507	20055.8696	60	Marcellus
29	7/22/2023	20020.57246	19856.087	60	Marcellus
30	7/22/2023	19820.78986	19656.3043	60	Marcellus
31	7/23/2023	19621.00725	19456.5217	60	Marcellus
32	7/23/2023	19421.22464	19256.7391	60	Marcellus
33	7/23/2023	19221.44203	19056.9565	60	Marcellus
34	7/23/2023	19021.65942	18857.1739	60	Marcellus
35	7/24/2023	18821.87681	18657.3913	60	Marcellus
36	7/24/2023	18622.0942	18457.6087	60	Marcellus
37	7/24/2023	18422.31159	18257.8261	60	Marcellus
38	7/25/2023	18222.52899	18058.0435	60	Marcellus
39	7/25/2023	18022.74638	17858.2609	60	Marcellus
40	7/25/2023	17822.96377	17658.4783	60	Marcellus
41	7/25/2023	17623.18116	17458.6957	60	Marcellus
42	7/26/2023	17423.39855	17258.913	60	Marcellus
43	7/26/2023	17223.61594	17059.1304	60	Marcellus
44	7/26/2023	17023.83333	16859.3478	60	Marcellus
45	7/26/2023	16824.05072	16659.5652	60	Marcellus
46	7/27/2023	16624.26812	16459.7826	60	Marcellus
47	7/27/2023	16424.48551	16260	60	Marcellus
48	7/27/2023	16224.7029	16060.2174	60	Marcellus
49	7/28/2023	16024.92029	15860.4348	60	Marcellus
50	7/28/2023	15825.13768	15660.6522	60	Marcellus
51	7/28/2023	15625.35507	15460.8696	60	Marcellus
52	7/28/2023	15425.57246	15261.087	60	Marcellus
53	7/29/2023	15225.78986	15061.3043	60	Marcellus
54	7/29/2023	15026.00725	14861.5217	60	Marcellus
55	7/29/2023	14826.22464	14661.7391	60	Marcellus
56	7/29/2023	14626.44203	14461.9565	60	Marcellus
57	7/30/2023	14426.65942	14262.1739	60	Marcellus
58	7/30/2023	14226.87681	14062.3913	60	Marcellus
59	7/30/2023	14027.0942	13862.6087	60	Marcellus
60	7/30/2023	13827.31159	13662.8261	60	Marcellus
61	7/31/2023	13627.52899	13463.0435	60	Marcellus
62	7/31/2023	13427.74638	13263.2609	60	Marcellus
63	7/31/2023	13227.96377	13063.4783	60	Marcellus
64	7/31/2023	13028.18116	12863.6957	60	Marcellus
65	8/1/2023	12828.39855	12663.913	60	Marcellus
66	8/1/2023	12628.61594	12464.1304	60	Marcellus
67	8/1/2023	12428.83333	12264.3478	60	Marcellus
68	8/2/2023	12229.05072	12064.5652	60	Marcellus
69	8/3/2023	12029.26812	11864.7826	60	Marcellus
70	8/3/2023	11829.48551	11665	60	Marcellus
71	8/3/2023	11629.7029	11465.2174	60	Marcellus
72	8/3/2023	11429.92029	11265.4348	60	Marcellus
73	8/3/2023	11230.13768	11065.6522	60	Marcellus
74	8/4/2023	11030.35507	10865.8696	60	Marcellus
75	8/4/2023	10830.57246	10666.087	60	Marcellus
76	8/4/2023	10630.78986	10466.3043	60	Marcellus
77	8/4/2023	10431.00725	10266.5217	60	Marcellus
78	8/5/2023	10231.22464	10066.7391	60	Marcellus
79	8/5/2023	10031.44203	9866.9565	60	Marcellus
80	8/5/2023	9831.65942	9667.17391	60	Marcellus
81	8/5/2023	9631.87681	9467.3913	60	Marcellus
82	8/6/2023	9432.094203	9267.6087	60	Marcellus
83	8/6/2023	9232.311594	9067.82609	60	Marcellus
84	8/6/2023	9032.528986	8868.04348	60	Marcellus
85	8/6/2023	8832.746377	8668.26087	60	Marcellus
86	8/7/2023	8632.963768	8468.47826	60	Marcellus
87	8/7/2023	8433.181159	8268.69565	60	Marcellus
88	8/7/2023	8233.398551	8068.91304	60	Marcellus
89	8/7/2023	8033.615942	7869.13043	60	Marcellus
90	8/7/2023	7833.833333	7669.34783	60	Marcellus
91	8/8/2023	7634.050725	7469.56522	60	Marcellus
92	8/8/2023	7434.268116	7269.78261	60	Marcellus
93	8/8/2023	7234.485507	7070	60	Marcellus

RECEIVED
Office of Oil and Gas
JAN 05 2024
WV Department of
Environmental Protection

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 (bbbls)	Amount of Nitrogen/ other (units)
1	7/10/2023	77.99453	9834.484	9717.94	3707.24	168160	4826.3655	N/A
2	7/10/2023	84.86494	9758.022	4716.24	4242.908	415380	7525.7233	N/A
3	7/13/2023	85.46552	10224.98	4112.77	3883.965	419780	7405.3057	N/A
4	7/13/2023	87.09311	10349.25	5526.02	3876.551	403172	7226.941	N/A
5	7/13/2023	88.62	10237	5538	3860	417300	7671.4317	N/A
6	7/13/2023	63.2	9036	4142	4042	421900	10268.213	N/A
7	7/13/2023	87.36266	10327.38	5388.94	4077.026	418960	7473.5488	N/A
8	7/14/2023	84.32	10362	4683	4025	418980	7337.8043	N/A
9	7/14/2023	86.76	10562	5666	4112	417000	7306.3012	N/A
10	7/14/2023	88.48825	10483.28	5406.49	4101.717	404148	6959.4314	N/A
11	7/15/2023	89.63441	10446.93	4166.64	4049.544	414260	7454.5524	N/A
12	7/15/2023	91.35604	10270.44	5249.19	4248.666	418440	7185.4157	N/A
13	7/15/2023	73.07701	10046.2	5743.43	3537.813	416720	7349.5421	N/A
14	7/15/2023	95.8819	10293.94	4794.97	4408.954	412840	7721.0119	N/A
15	7/16/2023	95.18816	10408.06	5373.25	4329.451	415780	7478.7214	N/A
16	7/16/2023	92.2402	10234.25	5448.59	4412.42	417880	7256.9336	N/A
17	7/16/2023	70.46901	10059.76	5162.41	3693.943	418340	10749.788	N/A
18	7/17/2023	94.97418	10376.36	4297.61	4363.785	409600	7309.125	N/A
19	7/17/2023	91.33	10031	5496	4455	416600	7187.6398	N/A
20	7/17/2023	93.26934	10113.41	5383.86	4368.034	412220	7066.5071	N/A
21	7/18/2023	90.84956	10450.15	5917.21	3985.507	422600	7427.6836	N/A
22	7/18/2023	92.81	10556	5375	4832	417660	7446.4348	N/A
23	7/18/2023	89.33338	10364.33	5449.92	4195.5	409200	7450.8595	N/A
24	7/20/2023	69.35	9383	5716	3871	430420	8568.4981	N/A
25	7/20/2023	73.32353	8889.637	5466.91	3811.838	418980	9231.7779	N/A
26	7/21/2023	83.71	9335	5523	4320	409280	7177.77	N/A
27	7/21/2023	83.36	9343	5341	4307	418440	7066.8829	N/A
28	7/21/2023	84.8746	9398.571	6032.57	4005.374	399260	7030.91	N/A
29	7/22/2023	83.25471	9548.062	4360.68	4566.069	414880	7131.9862	N/A
30	7/22/2023	77.98384	9215.989	5534.94	4245.147	416740	8626.8164	N/A
31	7/23/2023	86.27481	9679.946	6151.34	4225.056	418100	7357.9038	N/A
32	7/23/2023	86.34	9275	5002	4206	418380	7280.0098	N/A
33	7/23/2023	84.54	9510	5564	4179	411240	7183.3664	N/A
34	7/23/2023	84.36416	9519.577	6049.53	4081.945	421240	7192.5112	N/A
35	7/24/2023	85.31516	9446.295	5578.77	4234.796	420480	7278.9369	N/A
36	7/24/2023	88.04	9250	5674	3973	411380	7287.2921	N/A
37	7/24/2023	89.89639	9058.93	5773.76	3835.687	416260	7225.911	N/A
38	7/25/2023	90.53128	9203.116	6320.98	3953.62	411100	7136.9924	N/A
39	7/25/2023	92.84004	9273.358	5596.99	4050.324	406540	7277.7812	N/A
40	7/25/2023	93.3	9553	4796	3721	417160	7354.0519	N/A
41	7/25/2023	92.14507	9060.095	5844.73	3979.538	417340	7347.986	N/A
42	7/26/2023	93.05916	9129.788	5170.23	4028.234	408920	7154.5017	N/A
43	7/26/2023	92.54108	8943.508	4667.24	3893.865	411060	7356.4388	N/A
44	7/26/2023	89.96	8653	5651	3981	414320	7192.2964	N/A
45	7/26/2023	91.74922	9038.865	5437.41	3791.29	418300	7122.5438	N/A
46	7/27/2023	92.40868	9305.914	5646.08	3946.397	419900	7123.941	N/A
47	7/27/2023	93.84458	9095.141	5008.79	3854.599	422040	7206.5112	N/A
48	7/27/2023	90.02127	8803.417	5676.74	3826.304	413040	7127.3683	N/A
49	7/28/2023	93.0572	8966.949	5629.21	3956.519	412680	7037.0936	N/A
50	7/28/2023	94.27977	8612.287	5095.48	3688.081	419260	7481.6752	N/A
51	7/28/2023	93.30211	8742.155	5744.5	4069.242	415740	7363.3912	N/A
52	7/28/2023	93.34457	8771.942	5838.31	4037.396	420720	7231.7121	N/A
53	7/29/2023	92.21242	8402.265	5650.78	4064.157	420860	7089.2629	N/A
54	7/29/2023	92.75	8742	5280	4210	411780	9888.2876	N/A
55	7/29/2023	91.30146	8723.621	5542.14	4035.625	419940	7193.5348	N/A
56	7/29/2023	89.78038	8639.86	5407.63	4016.216	419520	7006.3083	N/A
57	7/30/2023	94.56623	8740.891	5356.22	4167.621	411120	7042.1419	N/A
58	7/30/2023	95.6695	8874.319	5325.44	3980.069	412480	7181.0064	N/A
59	7/30/2023	91.8093	8266.607	5027.97	4317.847	416240	8767.6269	N/A
60	7/30/2023	95.51	8598	5239	4252	407580	7058.4374	N/A
61	7/31/2023	95.94233	8534.945	5082.73	3892.567	417720	7129.8393	N/A
62	7/31/2023	93.67	8328	3832	3563	411500	7045.3593	N/A
63	7/31/2023	93.68318	8426.998	4947.96	3813.035	408760	7013.0043	N/A
64	7/31/2023	94.09294	8312.761	5039.27	4011.206	417240	7004.924	N/A
65	8/1/2023	93.25753	8380.901	4712.31	3993.137	422020	7055.5881	N/A
66	8/1/2023	94.16	8314	4723	3827	414220	7150.3521	N/A
67	8/1/2023	97.5	8517	5440	3853	418400	7223.006	N/A
68	8/2/2023	93.21018	8240.219	5113.42	3650.269	412620	7102.116	N/A
69	8/3/2023	94.01	8303	5715	3906	419620	6942.0038	N/A
70	8/3/2023	92.18	7986	4808	3364	411600	6851.9957	N/A
71	8/3/2023	95.05036	8389.439	6266.35	3477.231	413060	7225.2845	N/A
72	8/3/2023	95.35	8624	6140	3619	415560	7083.8436	N/A
73	8/3/2023	94.39	8600	5995	3716	421480	7082.0286	N/A
74	8/4/2023	93.44	8520	5572	3864	413700	6930.3833	N/A
75	8/4/2023	93.29436	8348.001	5787.43	3732.384	418900	7167.9743	N/A
76	8/4/2023	94.76	8403	6259	3819	413140	7046.006	N/A
77	8/4/2023	93	8102	5797	4127	415660	6875.916	N/A
78	8/5/2023	95.54	7953	5797	3795	401680	6738.6162	N/A
79	8/5/2023	95.59801	7912.086	6353.36	3581.05	407460	7100.3579	N/A
80	8/5/2023	95.85369	8209.875	6201.05	3670.898	394620	6980.1738	N/A
81	8/5/2023	95.27	8015	5397	3939	422560	6940.2855	N/A
82	8/6/2023	95.71919	7849.01	5854.27	3793.36	413160	6899.8557	N/A
83	8/6/2023	96.25356	7860.736	4772.94	3786.847	406700	6999.7926	N/A
84	8/6/2023	95.72997	7822.817	6019.36	3676.407	418540	7177.6033	N/A
85	8/6/2023	95.06	7580	6129	3891	410260	6874.1981	N/A
86	8/7/2023	95.41	7829	4875	3997	423880	6808.3333	N/A
87	8/7/2023	94.7	7601	6480	3802	414880	6767.0633	N/A
88	8/7/2023	95.41744	7601.633	5970.51	3536.374	411760	6898.6807	N/A
89	8/7/2023	92.37	7386	5380	3607	411240	8408.5186	N/A
90	8/7/2023	95.93988	7643.916	5964.09	3590.719	414280	6876.3712	N/A
91	8/8/2023	95.22	7108	6050	3586	419520	6880.5893	N/A
92	8/8/2023	95.15	7254	5653	3436	397940	6831.8974	N/A
93	8/8/2023	94.76272	7117.821	5547.12	3491.107	412520	6863.9367	N/A
AVERAGE		90.4	8.977	5.483	3.951	38,325,840	680,443	0

RECEIVED
Office of Oil and Gas

JAN 05 2024

WV Department
Environmental Protection

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	70	170	70	170
Silty Shale	170	330	170	330
shaly sand	330	420	330	420
Shale	420	850	420	850
Dolomitic Shale	850	1,000	850	1,000
Shaly Siltstone	1,000	1,100	1,000	1,100
Silty Sandstone	1,100	1,320	1,100	1,320
Shaly Sand	1,320	1,470	1,320	1,470
Sandstone	1,470	1,720	1,470	1,720
Silty, Shaly, Sandstone	1,720	1,760	1,720	1,760
Sandstone, Tr Shale, Tr Coal	1,760	1,800	1,760	1,800
Silty Sandstone	1,800	1,880	1,800	1,880
Shaly Siltstone	1,880	2,079	1,880	2,079
Big Lime	2,109	2,911	2,109	2,912
Fifty Foot Sandstone	2,911	2,980	2,912	2,980
Gordon	2,980	3,198	2,980	3,198
Fifth Sandstone	3,198	3,475	3,198	3,475
Bayard	3,475	4,097	3,475	4,103
Speechley	4,097	4,321	4,103	4,332
Balltown	4,321	4,793	4,332	4,814
Bradford	4,793	5,086	4,814	5,112
Benson	5,086	5,464	5,112	5,496
Alexander	5,464	6,572	5,496	6,680
Sycamore	6,434	6,542	6,508	6,650
Middlesex	6,542	6,635	6,650	6,799
Burkett	6,635	6,654	6,799	6,840
Tully	6,654	6,718	6,840	7,018
Marcellus	6,718	NA	7,018	NA

RECEIVED
Office of Oil and Gas

JAN 05 2024

WV Department of
Environmental Protection

02/16/2024

LATITUDE 39°35'00" 904'

LATITUDE 39°37'30"

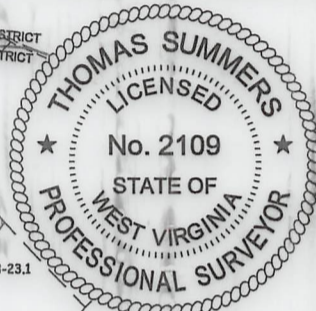
Antero Resources Corporation Well No. Peach Fork Unit 2H

Table listing leaseholders for Ellsworth District - Tyler County, including names like Daniel Witschey, Michael Daugherty, and John Steele.

AS DRILLED DATA: WELL 2H TOP HOLE INFORMATION: N: 384,480ft E: 1,623,119ft... BOTTOM HOLE INFORMATION: N: 403,106ft E: 1,617,061ft...

(NAD) 83 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 4,377,605m E: 514,059m...

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,361,477ft E: 1,686,495ft...



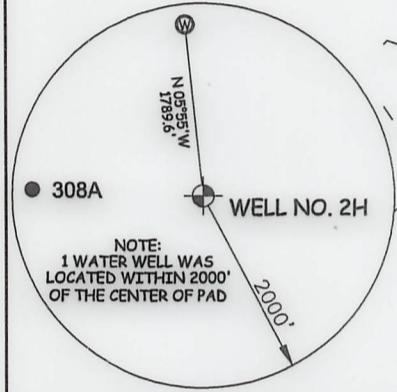
WV NORTH ZONE GRID NORTH

9,540' TO BOTTOM HOLE

12,896'

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"



NOTE: 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY...

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

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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.

JOB # 20-011WA DRAWING # PEACHFORK2HAD SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER

LEGEND: Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Proposed Well Path, As Drilled Well Path. THOMAS SUMMERS P.S. 2109 DATE 11/09/23 OPERATOR'S WELL # PEACH FORK UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02842 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY 02/16/2024 LOCATION: ELEVATION 1,233' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER SURFACE OWNER EDWARD YOST ESTATE ACREAGE 109.06 ACRES +/- OIL & GAS ROYALTY OWNER FISHER OIL COMPANY LEASE ACREAGE 45.67 ACRES +/-

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,689' TVD 25,626' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAK BLVD. DENVER, CO 80202 BRIDGEPORT, WV 26330

LATITUDE 39°35'00" 904'

LATITUDE 39°37'30"

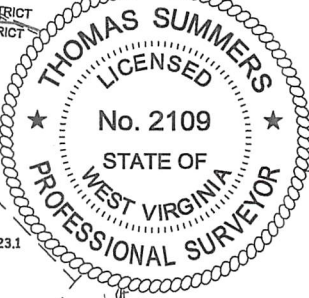
Antero Resources Corporation Well No. Peach Fork Unit 2H

Table listing leaseholders for the Ellsworth District in Tyler County, West Virginia, including names like Daniel Witschey, Michael Daugherty, and various LLCs.

AS DRILLED DATA: WELL 2H TOP HOLE INFORMATION: N: 384,480ft E: 1,623,119ft... BOTTOM HOLE INFORMATION: N: 403,106ft E: 1,617,061ft...

(NAD) 83 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 4,377,605m E: 514,059m... BOTTOM HOLE INFORMATION: N: 4,383,248m E: 512,119m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,361,477ft E: 1,686,495ft... POINT OF ENTRY INFORMATION: N: 14,362,426ft E: 1,686,138ft...



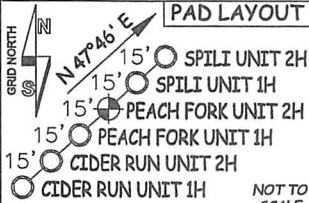
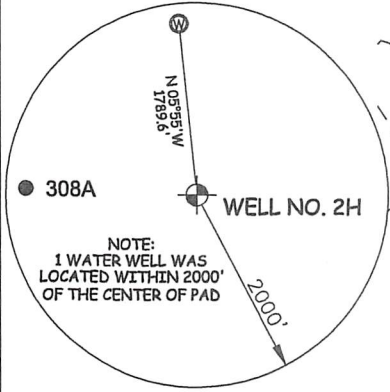
WV NORTH ZONE GRID NORTH

9,540' TO BOTTOM HOLE

12,896'

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"



NOTE: 1. NO OCCUPIED DWELLINGS OR BUILDINGS... 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION...



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

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.

JOB # 20-011WA DRAWING # PEACHFORK2HAD SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND: Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Proposed Well Path, As Drilled Well Path. THOMAS SUMMERS P.S. 2109 DATE 11/09/23 OPERATOR'S WELL# PEACH FORK UNIT #2H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02842 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,233' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER SURFACE OWNER EDWARD YOST ESTATE ACREAGE 109.06 ACRES +/- LEASE ACREAGE 45.67 ACRES +/-

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON ___ CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,689' TVD 25,626' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202 ADDRESS 535 WHITE OAK BLVD. BRIDGEPORT, WV 26330

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/10/2023
Job End Date:	8/8/2023
State:	West Virginia
County:	Tyler
API Number:	47-095-02842-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	PEACH FORK UNIT 2H
Latitude:	39.54792800
Longitude:	-80.83639000
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,718
Total Base Water Volume (gal):	30,104,622
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	86.57373	Density = 8.34
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.17901	

RECEIVED
 Office of Oil and Gas
 JAN 05 2024
 WV Department of Environmental Protection

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/10/2023
Job End Date:	8/8/2023
State:	West Virginia
County:	Tyler
API Number:	47-095-02842-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	PEACH FORK UNIT 2H
Latitude:	39.54792800
Longitude:	-80.83639000
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,718
Total Base Water Volume (gal):	30,104,622
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	86.57373	Density = 8.34
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.17901	

RECEIVED
 Office of Oil and Gas
 JAN 05 2024
 DEPARTMENT OF ENVIRONMENTAL PROTECTION

WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
FDP-S1464-22	Halliburton	Friction Reducer					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				Listed Below			
100 Mesh Permian	Halliburton	Proppant					
				Listed Below			
Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.							
			Crystalline silica, quartz	14808-60-7	100.00000	13.21537	
			Hydrochloric acid	7647-01-0	30.00000	0.04122	
			Complex amine compound	Proprietary	60.00000	0.03328	

RECEIVED
 Office of Oil and Gas
 JAN 05 2024
 WV Department of Environmental Protection

			Hydrotreated distillate	Proprietary	30.00000	0.01664	
			Guar gum	9000-30-0	100.00000	0.00916	
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00277	
			Ammonium chloride	12125-02-9	5.00000	0.00277	
			Ethoxylated alcohol	Proprietary	5.00000	0.00277	
			Glutaraldehyde	111-30-8	30.00000	0.00250	
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00055	
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00055	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00042	
			Methanol	67-56-1	100.00000	0.00035	
			Ammonium persulfate	7727-54-0	100.00000	0.00021	
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00010	
			Modified thiourea polymer	Proprietary	30.00000	0.00010	
			Ethanol	64-17-5	1.00000	0.00008	
			Oxylated phenolic resin	Proprietary	30.00000	0.00006	
			Hexadecene	629-73-2	5.00000	0.00002	
			Ethoxylated alcohols	Proprietary	5.00000	0.00002	
			Propargyl alcohol	107-19-7	5.00000	0.00002	
			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)

RECEIVED
Office of Oil and Gas
JAN 05 2024
WV Department of
Environmental Protection