

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

API 47 - 103 - 03603 County Wetzel District Green
Quad Porter Falls 7.5' Pad Name Big Run Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Gump 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 4378379m Easting 515566m
Landing Point of Curve Northing 4378030.74m Easting 514940.91m
Bottom Hole Northing 4383702m Easting 513012m

Elevation (ft) 1250' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
Air - Foam & 4% KCL
Mud - Polymer

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Date permit issued 9/5/2023 Date drilling commenced 9/8/2023 Date drilling ceased 12/23/2023
Date completion activities began 2/23/2024 Date completion activities ceased 5/11/2024
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 31' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 2311' 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: [Signature]
08/16/2024

API 47-103 - 03603 Farm name Antero Resources Corporation Well number Gump Unit 1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	28"	20"	130'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	380'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3786'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4" /8-1/2"	5-1/2"	27617'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	7561'		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	215 sx	15.6	1.18	254	0'	8 Hrs.
Surface	Class A	330 sx	15.8	1.17	386	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1310 sx	15.8	1.16	1520	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	4335 sx (Tail)	13.5 (Spacer), 15.2(Lead)	1.35 (Tail)	5852	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 27617' MD, 6735' TVD (BHL), 6821' TVD (Deepest Point Drilled) Loggers TD (ft) 27617' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

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Kick off depth (ft) 5810'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

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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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DM

API 47-103 - 03603 Farm name Antero Resources Corporation Well number Gump Unit 1H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
*PLEASE SEE ATTACHED EXHIBIT 1					

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
*PLEASE SEE ATTACHED EXHIBIT 2								

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Please insert additional pages as applicable.

08/16/2024 *[Signature]*

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PRODUCING FORMATION(S)	DEPTHS		
<u>Marcellus</u>	<u>6766'</u> (TOP)	<u>TVD</u>	<u>7758'</u> (TOP) <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____

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 16687.86 mcfpd Oil 803.27 bpd NGL _____ bpd Water 1135.35 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	NAME	TVD	MD	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 Halliburton
Address 3000 N Sam Houston Pkwy E City Houston State TX Zip 77032

Please insert additional pages as applicable.

Completed by Stefan Gaspar Telephone 303-357-6959
Signature *Stefan Gaspar* Title Permitting Agent Date 7/26/24

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

08/16/2024 *[Signature]*

API 47-103-02603 Farm Name Antero Resources Corporation Well Number Gump Unit 1H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	2/23/2024	27480.00	27436.00	36	Marcellus
2	2/24/2024	27397.28	27230.70	36	Marcellus
3	2/25/2024	27194.98	27028.40	36	Marcellus
4	2/25/2024	26992.69	26826.10	36	Marcellus
5	2/26/2024	26790.39	26623.80	36	Marcellus
6	2/27/2024	26588.09	26421.51	36	Marcellus
7	2/27/2024	26385.79	26219.21	36	Marcellus
8	2/28/2024	26183.49	26016.91	36	Marcellus
9	2/28/2024	25981.19	25814.61	36	Marcellus
10	2/29/2024	25778.89	25612.31	36	Marcellus
11	3/1/2024	25576.59	25410.01	36	Marcellus
12	3/1/2024	25374.29	25207.71	36	Marcellus
13	3/2/2024	25171.99	25005.41	36	Marcellus
14	3/2/2024	24969.70	24803.11	36	Marcellus
15	3/3/2024	24767.40	24600.81	36	Marcellus
16	3/3/2024	24565.10	24398.52	36	Marcellus
17	3/4/2024	24362.80	24196.22	36	Marcellus
18	3/5/2024	24160.50	23993.92	36	Marcellus
19	3/5/2024	23958.20	23791.62	36	Marcellus
20	3/6/2024	23755.90	23589.32	36	Marcellus
21	3/6/2024	23553.60	23387.02	36	Marcellus
22	3/7/2024	23351.30	23184.72	36	Marcellus
23	3/7/2024	23149.01	22982.42	36	Marcellus
24	3/8/2024	22946.71	22780.12	36	Marcellus
25	3/8/2024	22744.41	22577.82	36	Marcellus
26	3/9/2024	22542.11	22375.53	36	Marcellus
27	3/10/2024	22339.81	22173.23	36	Marcellus
28	3/10/2024	22137.51	21970.93	36	Marcellus
29	3/11/2024	21935.21	21768.63	36	Marcellus
30	3/11/2024	21732.91	21566.33	36	Marcellus
31	3/12/2024	21530.61	21364.03	36	Marcellus
32	3/12/2024	21328.31	21161.73	36	Marcellus
33	3/13/2024	21126.02	20959.43	36	Marcellus
34	3/13/2024	20923.72	20757.13	36	Marcellus
35	3/14/2024	20721.42	20554.84	36	Marcellus
36	3/14/2024	20519.12	20352.54	36	Marcellus
37	3/15/2024	20316.82	20150.24	36	Marcellus
38	3/15/2024	20114.52	19947.94	36	Marcellus
39	3/15/2024	19912.22	19745.64	36	Marcellus
40	3/16/2024	19709.92	19543.34	36	Marcellus
41	3/16/2024	19507.62	19341.04	36	Marcellus
42	3/16/2024	19305.32	19138.74	36	Marcellus
43	3/17/2024	19103.03	18936.44	36	Marcellus
44	3/17/2024	18900.73	18734.14	36	Marcellus
45	3/17/2024	18698.43	18531.85	36	Marcellus
46	3/18/2024	18496.13	18329.55	36	Marcellus
47	3/18/2024	18293.83	18127.25	36	Marcellus
48	3/18/2024	18091.53	17924.95	36	Marcellus
49	3/18/2024	17889.23	17722.65	36	Marcellus
50	3/19/2024	17686.93	17520.35	36	Marcellus
51	3/19/2024	17484.63	17318.05	36	Marcellus
52	3/20/2024	17282.34	17115.75	36	Marcellus
53	3/20/2024	17080.04	16913.45	36	Marcellus
54	3/20/2024	16877.74	16711.15	36	Marcellus
55	3/21/2024	16675.44	16508.86	36	Marcellus
56	3/21/2024	16473.14	16306.56	36	Marcellus
57	3/21/2024	16270.84	16104.26	36	Marcellus
58	3/22/2024	16068.54	15901.96	36	Marcellus
59	3/22/2024	15866.24	15699.66	36	Marcellus
60	3/22/2024	15663.94	15497.36	36	Marcellus
61	3/23/2024	15461.64	15295.06	36	Marcellus
62	3/23/2024	15259.35	15092.76	36	Marcellus
63	3/24/2024	15057.05	14890.46	36	Marcellus
64	3/24/2024	14854.75	14688.16	36	Marcellus
65	3/24/2024	14652.45	14485.87	36	Marcellus
66	3/24/2024	14450.15	14283.57	36	Marcellus
67	3/25/2024	14247.85	14081.27	36	Marcellus
68	3/25/2024	14045.55	13878.97	36	Marcellus
69	3/25/2024	13843.25	13676.67	36	Marcellus
70	3/26/2024	13640.95	13474.37	36	Marcellus
71	3/26/2024	13438.65	13272.07	36	Marcellus
72	3/26/2024	13236.36	13069.77	36	Marcellus
73	3/27/2024	13034.06	12867.47	36	Marcellus
74	3/27/2024	12831.76	12665.18	36	Marcellus
75	3/27/2024	12629.46	12462.88	36	Marcellus
76	3/27/2024	12427.16	12260.58	36	Marcellus
77	3/28/2024	12224.86	12058.28	36	Marcellus
78	3/28/2024	12022.56	11855.98	36	Marcellus
79	3/28/2024	11820.26	11653.68	36	Marcellus
80	3/29/2024	11617.96	11451.38	36	Marcellus
81	3/29/2024	11415.66	11249.08	36	Marcellus
82	3/29/2024	11213.37	11046.78	36	Marcellus
83	3/29/2024	11011.07	10844.48	36	Marcellus
84	3/30/2024	10808.77	10642.19	36	Marcellus
85	3/30/2024	10606.47	10439.89	36	Marcellus
86	3/30/2024	10404.17	10237.59	36	Marcellus
87	3/31/2024	10201.87	10035.29	36	Marcellus
88	3/31/2024	9999.57	9832.99	36	Marcellus
89	3/31/2024	9797.27	9630.69	36	Marcellus
90	3/31/2024	9594.97	9428.39	36	Marcellus
91	4/1/2024	9392.68	9226.09	36	Marcellus
92	4/1/2024	9190.38	9023.79	36	Marcellus
93	4/1/2024	8988.08	8821.49	36	Marcellus
94	4/2/2024	8785.78	8619.20	36	Marcellus
95	4/2/2024	8583.48	8416.90	36	Marcellus
96	4/2/2024	8381.18	8214.60	36	Marcellus
97	4/2/2024	8178.88	8012.30	36	Marcellus
98	4/3/2024	7976.58	7810.00	36	Marcellus

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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	70	470	70	470
Sandy Siltstone	470	720	470	720
Siltstone, occ Sandstone	720	820	720	820
Siltstone, rr Limestone	820	870	820	870
Siltstone, occ Sandstone	870	1,170	870	1,170
Shaly Siltstone, occ LS	1,170	1,270	1,170	1,270
Siltstone, rr SH, rr Coal	1,270	1,470	1,270	1,470
Shaly Siltstone	1,470	1,620	1,470	1,620
Shaly Sandstone	1,620	1,670	1,620	1,670
Silty, Shaly, Sandstone	1,670	1,920	1,670	1,920
Silty Sandstone, Tr Coal	1,920	1,970	1,920	1,970
Silty Sandstone	1,970	2,070	1,970	2,070
Silty Sandstone, calc cmt	2,070	2,114	2,070	2,257
Big Lime	2,144	2,852	2,287	3,112
Fifty Foot Sandstone	2,852	2,998	3,112	3,280
Gordon	2,998	3,232	3,280	3,548
Fifth Sandstone	3,232	3,271	3,548	3,593
Bayard	3,271	4,144	3,593	4,610
Speechley	4,144	4,372	4,610	4,868
Balltown	4,372	4,908	4,868	5,479
Bradford	4,908	5,163	5,479	5,776
Benson	5,163	5,534	5,776	6,183
Alexander	5,534	6,617	6,183	7,421
Sycamore	6,477	6,587	7,247	7,391
Middlesex	6,587	6,681	7,391	7,545
Burkett	6,681	6,699	7,545	7,582
Tully	6,699	6,766	7,582	7,758
Marcellus	6766	NA	7758	NA

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08/16/2024

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	02/23/2024
Job End Date:	04/03/2024
State:	West Virginia
County:	Wetzel
API Number:	47-103-03603-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	GUMP UNIT 1H
Latitude:	39.5548
Longitude:	-80.8189
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6821
Total Base Water Volume (gal)*:	31151099
Total Base Non Water Volume:	0



Water Source	Percent
Produced Water	100.00%

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JUL 29 2024

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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
Excelerate LX-21	Halliburton	Friction Reducer					
FDP-S1470-23	Halliburton	Friction Reducer					
FDP-S1489-23	Halliburton	Friction Reducer					
HAI-501	Halliburton	Acid Corrosion Inhibitor					
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
MC B-8614A	MultiChem	Biocide					
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
Produced Water (Density 10.0)	Operator	Base Fluid					
Sand-Common White-100 Mesh,	Halliburton	Proppant					

08/16/2024

A handwritten signature in blue ink, appearing to be "D.S.", is located at the bottom right of the page.

SSA-2							
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	88.32975	None
			Crystalline silica, quartz	14808-60-7	100.00000	11.49932	None
			Water	7732-18-5	100.00000	0.14637	None
			Hydrochloric acid	7647-01-0	30.00000	0.03253	None
			Complex amine compound	Proprietary	60.00000	0.03092	None
			Hydrotreated distillate	Proprietary	30.00000	0.01533	None
			Guar gum	9000-30-0	100.00000	0.00346	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00258	None
			Ammonium chloride	12125-02-9	5.00000	0.00256	None
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00255	None
			Glutaraldehyde	111-30-8	30.00000	0.00212	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00051	None
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00051	None
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00035	None
			Methanol	67-56-1	100.00000	0.00020	None
			Petroleum distillate	Proprietary	30.00000	0.00013	None
			Ethanaminium, N,N,N-trimethyl-2-(1-oxo-2-propen-1-yl)oxy-, chloride (1:1), polymer with 2-propenamide	69418-26-4	60.00000	0.00010	None
			Ammonium persulfate	7727-54-0	100.00000	0.00008	None
			Ethanol	64-17-5	1.00000	0.00007	None
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00006	None
			Modified thiourea polymer	Proprietary	30.00000	0.00006	None
			Hydrotreated light petroleum distillates	64742-47-8	30.00000	0.00005	None
			Oxylated phenolic resin	Proprietary	30.00000	0.00003	None
			Sodium chloride	7647-14-5	5.00000	0.00002	None
			Ethoxylated fatty acid	Proprietary	5.00000	0.00002	None
			Amide	Proprietary	5.00000	0.00002	None
			Propargyl alcohol	107-19-7	5.00000	0.00001	None

08/16/2024

			Hexadecene	629-73-2	5.00000	0.00001	None
			Ethoxylated alcohols	Proprietary	5.00000	0.00001	None
			Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	5.00000	0.00001	None
			Ethoxylated branched C13 alcohol	78330-21-9	5.00000	0.00001	None
			C.I. pigment Orange 5	3468-63-1	1.00000	0.00000	None
			Diethanolamine	111-42-2	0.10000	0.00000	None
			Hydroquinone monomethyl ether	150-76-5	0.10000	0.00000	None
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.10000	0.00000	None
			1,2,4 Trimethylbenzene	95-63-6	0.10000	0.00000	None
			Inorganic acid salt	Proprietary	0.10000	0.00000	None
			Fatty acid ester	Proprietary	0.10000	0.00000	None
			Oleic acids	112-80-1	0.01000	0.00000	None

* 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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LATITUDE 39°35'00" 7,705'

LATITUDE 39°37'30" 4,305' TO BOTTOM HOLE

8,059' TO BOTTOM HOLE

10,367'

LONGITUDE 80°50'00"

LONGITUDE 80°47'30"

Antero Resources Corporation Well No. Gump #1H

AS DRILLED DATA: WELL 1H TOP HOLE INFORMATION: N: 386,937ft E: 1,628,105ft LAT: 39°33'17.54" LON: 80°49'08.36" BOTTOM HOLE INFORMATION: N: 404,544ft E: 1,620,016ft LAT: 39°36'10.36" LON: 80°50'55.01" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT TOTAL STATION MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 4,378,379m E: 515,566m BOTTOM HOLE INFORMATION: N: 4,383,702m E: 513,012m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,364,016ft E: 1,691,437ft POINT OF ENTRY INFORMATION: N: 14,362,737ft E: 1,689,493ft BOTTOM HOLE INFORMATION: N: 14,381,479ft E: 1,683,058ft

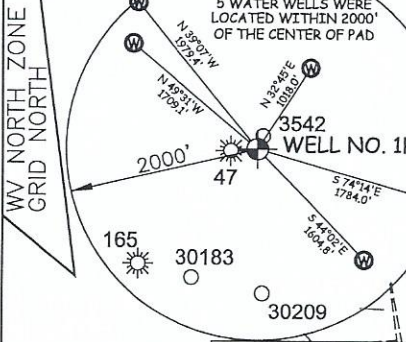
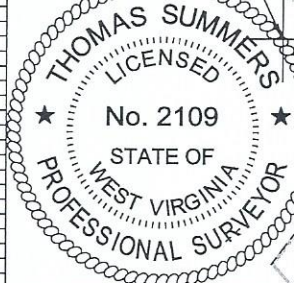


Table listing landowners and their addresses. Columns include owner name, address, and well unit information. Owners include Magnolia District - Wetzel County, Green District - Wetzel County, Ellsworth District - Tyler County, and Schruman Family Inv. LLC.



NOTICE: 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 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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

JOB # 21-011WA DRAWING # GUMP1HAD 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 07/15/24 OPERATOR'S WELL# GUMP UNIT #1H 47 - 103 - 03603 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X LOCATION: ELEVATION AS BUILT - 1250.0' WATERSHED FISHING CREEK QUADRANGLE PORTER FALLS 7.5' DISTRICT GREEN COUNTY WETZEL SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 50 ACRES +/- OIL & GAS ROYALTY OWNER MARY E. MIDCAP LEASE ACREAGE 50 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 6,735' TVD 27,617' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAK BLVD. FORM WW-6 DENVER, CO 80202 BRIDGEPORT, WV 26330

08/16/2024

COUNTY NAME PERMIT

Handwritten signature or initials.