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

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OCT 29 2025
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API 47 - 017 - 06981 County Doddridge District McLellan
Quad Center Point Pad Name Crimson Pad Field/Pool Name -----
Farm name Shawn A. Glaspell Well Number Glaspell 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 4359518.272m Easting 527073.624m
Landing Point of Curve Northing 4359584.98m Easting 526969.56m
Bottom Hole Northing 4364456.319m Easting 525295.825m

Elevation (ft) 1222' 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 6/10/2024 Date drilling commenced 7/1/2024 Date drilling ceased 10/8/2024
Date completion activities began 3/10/2025 Date completion activities ceased 5/27/2025
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 303', 953' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 2123' 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:

APPROVED 11-3-25
03/13/2026

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WR-35
Rev. 8/23/13

API 47- 017 - 06981 Farm name Shawn A. Glaspell Well number Glaspell Unit 1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	28"	20"	125.5'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	1059'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	3171'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	24562'	New	23#, P-110-ICY	N/A	Y
Tubing		2-3/8"	7188'		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	158 sx	15.6	1.18	186	0'	8 Hrs.
Surface	Class A	880 sx	15.6	1.19	1047	0'	8 Hrs.
Coal							
Intermediate 1	Class H	sx	15.6	1.18	1319	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class G	4361 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.26 (Tail)	5495	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 24562' MD, 7225' TVD (BHL), 7246' (Deepest Point Drilled) Loggers TD (ft) 24562' MD

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

Plug back procedure N/A

Kick off depth (ft) 6424'

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

APPROVED 03/13/2026

API 47- 017 - 06981 Farm name Shawn A. Glaspell Well number Glaspell 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**

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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**

Please insert additional pages as applicable.

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API 47- 017 - 06981 Farm name Shawn A. Glaspell Well number Glaspell Unit 1H

PRODUCING FORMATION(S)	DEPTHS			
Marcellus	7109' (TOP)	TVD	7375' (TOP)	MD

Please insert additional pages as applicable.

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

SHUT-IN PRESSURE Surface 2903 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 16908 mcfpd Oil 58 bpd NGL --- bpd Water 805 bpd GAS MEASURED BY ☐ 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_2S, ETC)

***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 Dowell Schlumberger
Address 600 Industrial Dr City Beckley State WV Zip 25801

Stimulating Company Halliburton
Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114

Please insert additional pages as applicable.

Completed by Carly Wren Telephone 303-357-7373
Signature _____ Title Permitting Agent Date 10/24/2025

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

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API 47-017-06081 Farm Name Shawn A. Glaspell Well Number Glaspell Unit 1H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	3/10/2025	24478	24435	60	Marcellus
2	3/11/2025	24396.65	24231.89	60	Marcellus
3	3/11/2025	24196.54	24031.79	60	Marcellus
4	3/12/2025	23996.44	23831.68	60	Marcellus
5	3/12/2025	23796.33	23631.58	60	Marcellus
6	3/13/2025	23596.23	23431.47	60	Marcellus
7	3/13/2025	23396.12	23231.36	60	Marcellus
8	3/14/2025	23196.01	23031.26	60	Marcellus
9	3/14/2025	22995.91	22831.15	60	Marcellus
10	3/15/2025	22795.80	22631.05	60	Marcellus
11	3/16/2025	22595.70	22430.94	60	Marcellus
12	3/16/2025	22395.59	22230.84	60	Marcellus
13	3/17/2025	22195.48	22030.73	60	Marcellus
14	3/17/2025	21995.38	21830.62	60	Marcellus
15	3/18/2025	21795.27	21630.52	60	Marcellus
16	3/18/2025	21595.17	21430.41	60	Marcellus
17	3/19/2025	21395.06	21230.31	60	Marcellus
18	3/19/2025	21194.95	21030.20	60	Marcellus
19	3/20/2025	20994.85	20830.09	60	Marcellus
20	3/20/2025	20794.74	20629.99	60	Marcellus
21	3/21/2025	20594.64	20429.88	60	Marcellus
22	3/21/2025	20394.53	20229.78	60	Marcellus
23	3/22/2025	20194.43	20029.67	60	Marcellus
24	3/22/2025	19994.32	19829.56	60	Marcellus
25	3/23/2025	19794.21	19629.46	60	Marcellus
26	3/23/2025	19594.11	19429.35	60	Marcellus
27	3/24/2025	19394.00	19229.25	60	Marcellus
28	3/24/2025	19193.90	19029.14	60	Marcellus
29	3/25/2025	18993.79	18829.04	60	Marcellus
30	3/25/2025	18793.68	18628.93	60	Marcellus
31	3/25/2025	18593.58	18428.82	60	Marcellus
32	3/26/2025	18393.47	18228.72	60	Marcellus
33	3/26/2025	18193.37	18028.61	60	Marcellus
34	3/27/2025	17993.26	17828.51	60	Marcellus
35	3/28/2025	17793.15	17628.40	60	Marcellus
36	3/28/2025	17593.05	17428.29	60	Marcellus
37	3/29/2025	17392.94	17228.19	60	Marcellus
38	3/29/2025	17192.84	17028.08	60	Marcellus
39	3/30/2025	16992.73	16827.98	60	Marcellus
40	3/30/2025	16792.63	16627.87	60	Marcellus
41	3/31/2025	16592.52	16427.76	60	Marcellus
42	4/1/2025	16392.41	16227.66	60	Marcellus
43	4/1/2025	16192.31	16027.55	60	Marcellus
44	4/2/2025	15992.20	15827.45	60	Marcellus
45	4/2/2025	15792.10	15627.34	60	Marcellus
46	4/3/2025	15591.99	15427.24	60	Marcellus
47	4/4/2025	15391.88	15227.13	60	Marcellus
48	4/4/2025	15191.78	15027.02	60	Marcellus
49	4/5/2025	14991.67	14826.92	60	Marcellus
50	4/5/2025	14791.57	14626.81	60	Marcellus
51	4/6/2025	14591.46	14426.71	60	Marcellus
52	4/6/2025	14391.35	14226.60	60	Marcellus
53	4/7/2025	14191.25	14026.49	60	Marcellus
54	4/8/2025	13991.14	13826.39	60	Marcellus
55	4/8/2025	13791.04	13626.28	60	Marcellus
56	4/12/2025	13590.93	13426.18	60	Marcellus
57	4/12/2025	13390.83	13226.07	60	Marcellus
58	4/12/2025	13190.72	13025.96	60	Marcellus
59	4/12/2025	12990.61	12825.86	60	Marcellus
60	4/12/2025	12790.51	12625.75	60	Marcellus
61	4/12/2025	12590.40	12425.65	60	Marcellus
62	4/12/2025	12390.30	12225.54	60	Marcellus
63	4/12/2025	12190.19	12025.44	60	Marcellus
64	4/16/2025	11990.08	11825.33	60	Marcellus
65	4/16/2025	11789.98	11625.22	60	Marcellus
66	4/16/2025	11589.87	11425.12	60	Marcellus
67	4/16/2025	11389.77	11225.01	60	Marcellus
68	4/18/2025	11189.66	11024.91	60	Marcellus
69	4/18/2025	10989.55	10824.80	60	Marcellus
70	4/19/2025	10789.45	10624.69	60	Marcellus
71	4/19/2025	10589.34	10424.59	60	Marcellus
72	4/19/2025	10389.24	10224.48	60	Marcellus
73	4/19/2025	10189.13	10024.38	60	Marcellus
74	4/21/2025	9989.03	9824.27	60	Marcellus
75	4/21/2025	9788.92	9624.16	60	Marcellus
76	4/22/2025	9588.81	9424.06	60	Marcellus
77	4/22/2025	9388.71	9223.95	60	Marcellus
78	4/23/2025	9188.60	9023.85	60	Marcellus
79	4/23/2025	8988.50	8823.74	60	Marcellus
80	4/24/2025	8788.39	8623.64	60	Marcellus
81	4/24/2025	8588.28	8423.53	60	Marcellus
82	4/25/2025	8388.18	8223.42	60	Marcellus
83	4/25/2025	8188.07	8023.32	60	Marcellus
84	4/25/2025	7987.97	7823.21	60	Marcellus
85	4/25/2025	7787.86	7623.11	60	Marcellus
86	4/26/2025	7587.75	7423.00	60	Marcellus

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API 47-017-06981 Farm Name Shawn A. Glaspell Well Number Glaspell Unit 1H

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	3/10/2025	73.7	10901.0	9812.3	3305.8	167380	5026.5	N/A
2	3/11/2025	85.8	10754.0	7963.6	4703.0	419340	7361.0	N/A
3	3/11/2025	85.7	9764.0	6980.5	4519.5	419780	8310.9	N/A
4	3/12/2025	95.5	9921.8	7088.5	5468.0	414700	7422.9	N/A
5	3/12/2025	97.0	10589.2	7306.2	4394.0	397150	6882.1	N/A
6	3/13/2025	94.2	10507.1	6846.5	4476.2	394320	7115.4	N/A
7	3/13/2025	90.5	10759.8	8008.2	4981.0	398260	7019.5	N/A
8	3/14/2025	92.0	10393.2	6833.0	4970.0	404460	7174.8	N/A
9	3/14/2025	95.7	10719.1	7572.0	4871.0	415000	7187.7	N/A
10	3/15/2025	85.1	10026.0	5941.1	3963.0	396130	7109.3	N/A
11	3/16/2025	92.1	10709.7	6919.8	4811.0	411600	7229.0	N/A
12	3/16/2025	92.2	10619.4	7307.4	4992.0	392180	7018.7	N/A
13	3/17/2025	89.6	10772.7	7100.1	4964.0	397340	7106.7	N/A
14	3/17/2025	90.1	10627.3	6535.8	4442.0	394070	7274.4	N/A
15	3/18/2025	88.0	10771.9	6336.0	4411.0	396880	6891.0	N/A
16	3/18/2025	97.4	10024.1	7296.4	4722.0	398170	7117.1	N/A
17	3/19/2025	97.9	10094.6	7470.2	4274.9	408020	7139.1	N/A
18	3/19/2025	96.5	10152.7	7040.3	4851.0	397660	7084.9	N/A
19	3/20/2025	97.6	10219.9	7502.9	4711.0	411540	7245.7	N/A
20	3/20/2025	95.4	10004.9	6760.5	4478.0	398720	7084.0	N/A
21	3/21/2025	96.3	10200.2	6587.5	4874.0	396460	7016.5	N/A
22	3/21/2025	95.1	9918.4	7382.7	4662.3	399290	6897.6	N/A
23	3/22/2025	98.1	10240.9	6847.3	5165.2	411820	7051.3	N/A
24	3/22/2025	98.3	10191.2	6639.9	5463.0	405960	6967.6	N/A
25	3/23/2025	96.6	10118.7	6549.5	4511.0	396040	6936.3	N/A
26	3/23/2025	97.6	10226.0	7173.3	4518.0	384790	6840.9	N/A
27	3/24/2025	99.3	10321.8	6882.6	3571.0	412280	6888.0	N/A
28	3/24/2025	94.8	9851.6	6577.8	4838.8	394820	8131.5	N/A
29	3/25/2025	96.4	10187.3	6858.3	5217.0	382400	7019.6	N/A
30	3/25/2025	98.0	10151.8	6648.7	5454.9	396110	6843.4	N/A
31	3/25/2025	96.9	10124.8	6812.6	4875.0	395010	7111.7	N/A
32	3/26/2025	97.2	9428.0	6982.0	4005.4	399160	6884.9	N/A
33	3/26/2025	93.1	9656.9	6860.4	4139.3	402210	7050.4	N/A
34	3/27/2025	99.4	10022.0	6627.8	4801.0	395350	6962.6	N/A
35	3/28/2025	93.8	9542.0	7226.2	5130.0	398330	9150.7	N/A
36	3/28/2025	98.8	9920.7	6580.1	5116.0	394880	6952.5	N/A
37	3/29/2025	96.3	9626.4	7329.8	4877.0	413900	7329.0	N/A
38	3/29/2025	98.0	9729.5	7300.4	4812.0	398790	6860.0	N/A
39	3/30/2025	94.2	9606.0	7107.4	4155.3	412640	7060.2	N/A
40	3/30/2025	96.8	9724.6	6848.2	5794.9	395620	6849.7	N/A
41	3/31/2025	98.9	9687.1	7418.8	5094.2	412520	7278.0	N/A
42	4/1/2025	97.7	9866.5	7096.0	5181.5	412580	7177.1	N/A
43	4/1/2025	98.1	9750.3	6895.5	5941.0	397240	6815.8	N/A
44	4/2/2025	97.4	9775.2	6761.5	5399.0	410240	7053.3	N/A
45	4/2/2025	88.1	8750.3	6358.0	3648.0	413840	6930.8	N/A
46	4/3/2025	97.7	9590.1	9958.0	4176.0	379100	6880.0	N/A
47	4/4/2025	96.8	9959.8	6773.8	4565.0	394340	7126.4	N/A
48	4/4/2025	98.9	9764.7	6652.8	4800.0	410980	7069.3	N/A
49	4/5/2025	97.5	9711.8	7096.2	4449.0	398070	6929.0	N/A
50	4/5/2025	97.0	9419.4	6849.3	4990.0	405480	6779.5	N/A
51	4/6/2025	97.7	9483.4	6668.7	5589.0	419480	7029.0	N/A
52	4/6/2025	96.5	9327.0	6814.2	5906.6	402190	7137.0	N/A
53	4/7/2025	98.3	9176.1	7711.1	5878.0	416320	6997.7	N/A
54	4/8/2025	93.1	9278.0	7132.4	4979.9	409860	8358.1	N/A
55	4/8/2025	98.7	9110.2	6504.0	4555.0	413500	6815.9	N/A
56	4/12/2025	94.6	8917.6	7668.7	3677.2	405440	6938.0	N/A
57	4/12/2025	95.0	8736.6	5427.4	4022.7	403620	6918.3	N/A
58	4/12/2025	96.6	8624.8	5898.7	4424.6	410720	6939.4	N/A
59	4/12/2025	97.4	8796.2	5537.1	5708.6	405420	6822.4	N/A
60	4/12/2025	96.9	8725.6	6527.1	3517.0	439540	6762.3	N/A
61	4/12/2025	89.0	7932.0	5991.9	4753.4	403780	8229.9	N/A
62	4/12/2025	95.8	8530.9	5940.3	4399.5	403340	6851.6	N/A
63	4/12/2025	97.0	8641.9	6454.1	5384.2	405120	6801.4	N/A
64	4/16/2025	96.4	8510.1	6692.8	5627.5	406840	6780.7	N/A
65	4/16/2025	96.6	8366.1	6406.3	5699.0	412400	6819.3	N/A
66	4/16/2025	97.6	8552.7	6478.9	4094.1	420060	6985.8	N/A
67	4/16/2025	96.8	8500.1	7053.6	4818.0	401890	7090.7	N/A
68	4/18/2025	90.9	8627.9	6090.9	3915.1	391850	8687.1	N/A
69	4/18/2025	96.2	8302.8	6258.1	5041.0	423000	7108.7	N/A
70	4/19/2025	97.1	8237.9	6391.1	5171.9	421240	6903.6	N/A
71	4/19/2025	96.1	8111.4	5079.4	4573.1	419160	6937.4	N/A
72	4/19/2025	96.4	8385.5	6596.4	3682.0	423780	6977.7	N/A
73	4/19/2025	97.0	8347.9	6008.2	4514.0	426620	7100.1	N/A
74	4/21/2025	96.6	8215.4	6494.1	4619.0	419460	6916.8	N/A
75	4/21/2025	97.1	8077.9	6381.4	4508.7	419700	6956.8	N/A
76	4/21/2025	96.2	8057.5	7130.4	5130.5	424300	6972.1	N/A
77	4/22/2025	97.9	7837.6	5488.3	5132.8	421560	6908.9	N/A
78	4/23/2025	97.2	7797.7	6810.2	4117.6	416420	6950.8	N/A
79	4/23/2025	89.6	7902.4	7515.9	5283.0	411440	8266.1	N/A
80	4/24/2025	98.9	7727.8	6483.1	4507.0	419600	6872.1	N/A
81	4/24/2025	97.4	7519.0	6629.1	4568.0	419260	6981.2	N/A
82	4/25/2025	98.7	7755.8	6419.2	3933.0	413140	6770.2	N/A
83	4/25/2025	97.3	7725.7	6484.4	4607.0	423700	6859.3	N/A
84	4/25/2025	97.0	7462.5	6658.3	4762.0	420220	6859.3	N/A
85	4/25/2025	97.1	7656.5	7044.8	3841.0	422860	6951.2	N/A
86	4/26/2025	98.5	7425.5	6963.0	4116.7	422480	6885.5	N/A
	AVERAGE	95	9,343	6,845	4,746	34,804,610	608,977	TOTAL

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API 47-017-06981 Farm Name Shawn A. Glaspell Well Number Glaspell Unit 1H

EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD) From Surface	BOTTOM DEPTH (TVD) From Surface	TOP DEPTH (MD) From Surface	BOTTOM DEPTH (MD) From Surface
Silty Sandstone	1,124	1,224	1,124	1,224
Sandstone, Occ Siltstone	1,224	1,274	1,224	1,274
Silty Sandstone, tr coal	1,274	1,424	1,274	1,424
Silty Sandstone	1,374	1,524	1,374	1,524
Sandstone, Siltstone	1,424	1,524	1,424	1,524
Silty Sandstone, tr coal	1,524	1,574	1,524	1,574
Silty Sandstone	1,574	1,624	1,574	1,624
Silty Sandstone, tr coal	1,624	1,674	1,624	1,674
Sandstone, Siltstone	1,674	1,774	1,674	1,774
Sandstone, Siltstone, tr coal	1,774	1,874	1,774	1,874
Silty Sandstone	1,874	1,974	1,874	1,974
Sandy Siltstone	1,974	2,024	1,974	2,024
Sandy Siltstone	2,024	2,074	2,024	2,074
Siltstone, Occ Sandstone	2,074	2,124	2,074	2,124
Sandy Siltstone, Occ Limestone	2,124	2,127	2,124	2,132
Big Lime	2,153	2,811	2,132	2,827
Fifty Foot Sandstone	2,811	2,971	2,801	2,990
Gordon	2,971	3,199	2,964	3,221
Fifth Sandstone	3,199	3,257	3,195	3,280
Bayard	3,257	4,044	3,254	4,078
Speechley	4,044	4,304	4,052	4,342
Balltown	4,304	4,827	4,316	4,867
Bradford	4,827	5,321	4,841	5,361
Benson	5,321	5,593	5,335	5,633
Alexander	5,593	6,886	5,607	6,962
Sycamore	6,718	6,860	6,770	6,936
Middlesex	6,860	7,005	6,936	7,144
Burkett	7,005	7,034	7,144	7,195
Tully	7,034	7,109	7,195	7,375
Marcellus	7,109	NA	7,375	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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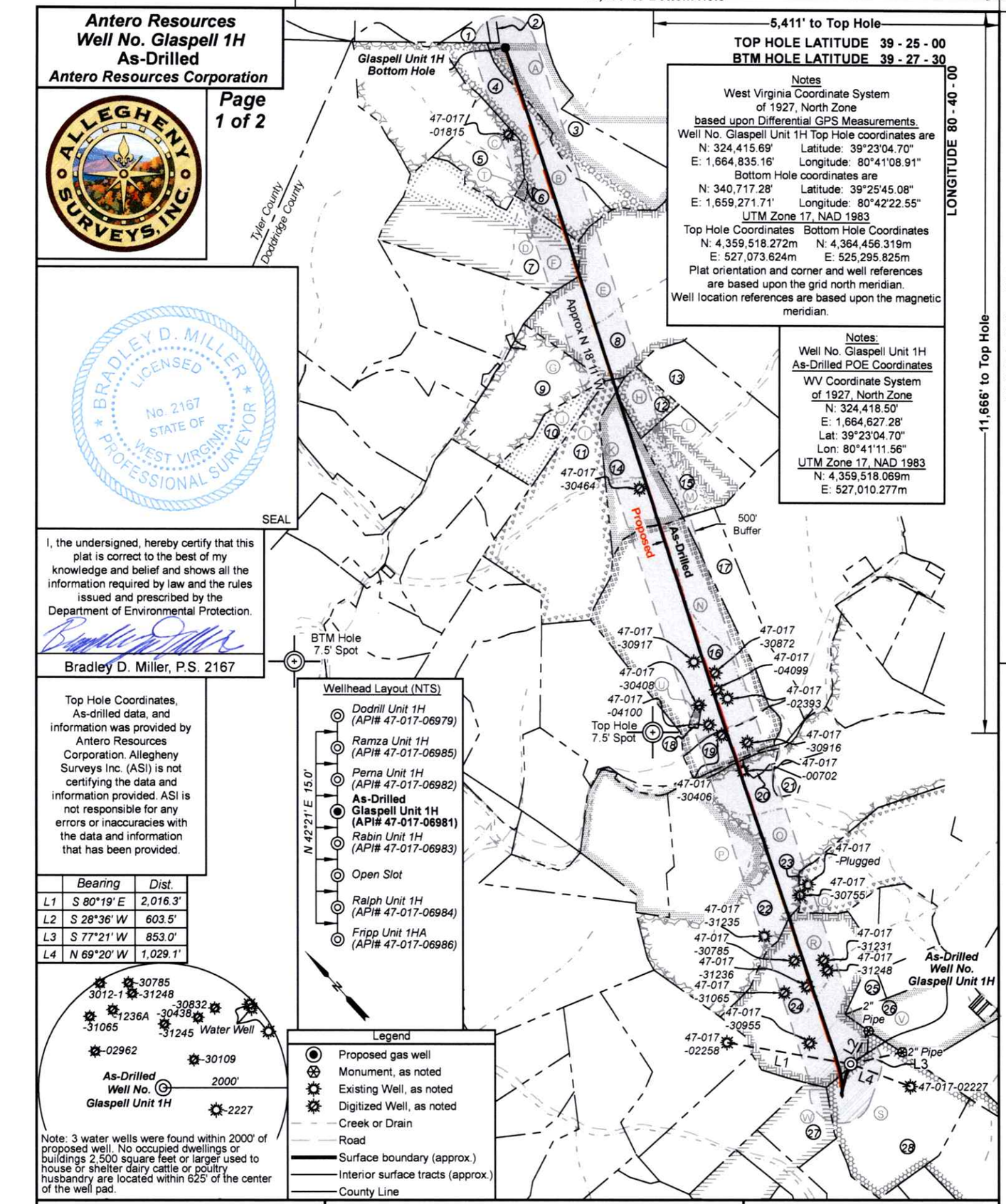
Antero Resources
Well No. Glaspell 1H
As-Drilled
Antero Resources Corporation

ALLEGHENY SURVEYS, INC.



Notes
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Glaspell Unit 1H Top Hole coordinates are
N: 324,415.69' Latitude: 39°23'04.70"
E: 1,664,835.16' Longitude: 80°41'08.91"
Bottom Hole coordinates are
N: 340,717.28' Latitude: 39°25'45.08"
E: 1,659,271.71' Longitude: 80°42'22.55"
UTM Zone 17, NAD 1983

Top Hole Coordinates	Bottom Hole Coordinates
N: 4,359,518.272m	N: 4,364,456.319m
E: 527,073.624m	E: 525,295.825m

Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Notes:
Well No. Glaspell Unit 1H
As-Drilled POE Coordinates
WV Coordinate System of 1927, North Zone
N: 324,418.50'
E: 1,664,627.28'
Lat: 39°23'04.70"
Lon: 80°41'11.56"
UTM Zone 17, NAD 1983
N: 4,359,518.069m
E: 527,010.277m

BRADLEY D. MILLER LICENSED No. 2167 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

SEAL

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller, P.S. 2167

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

	Bearing	Dist.
L1	S 80°19' E	2,016.3'
L2	S 28°36' W	603.5'
L3	S 77°21' W	853.0'
L4	N 69°20' W	1,029.1'

Wellhead Layout (NTS)

N 42°21' E 15.0'

- Dodrill Unit 1H (API# 47-017-06979)
- Ramza Unit 1H (API# 47-017-06985)
- Perna Unit 1H (API# 47-017-06982)
- **As-Drilled Glaspell Unit 1H (API# 47-017-06981)**
- Rabin Unit 1H (API# 47-017-06983)
- Open Slot
- Ralph Unit 1H (API# 47-017-06984)
- Fripp Unit 1HA (API# 47-017-06986)

Note: 3 water wells were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

Legend
- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- County Line

FILE NO: 146-30-M-23
DRAWING NO: Glaspell 1H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 17 20 25
OPERATOR'S WELL NO. Glaspell 1H

API WELL NO

47	017	06981
STATE	COUNTY	PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-Built: 1,222' WATERSHED: McElroy Creek QUADRANGLE: Center Point
DISTRICT: McClellan COUNTY: Doddridge
SURFACE OWNER: Shawn A. Glaspell ACREAGE: 100
ROYALTY OWNER: Minda Allen LEASE NO: _____ ACREAGE: 100
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,225' TVD 24,562' MD

03/13/2026

WELL OPERATOR: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street, Denver, CO 80202

DESIGNATED AGENT: Conrad Baston
ADDRESS: 535 White Oaks Blvd., Bridgeport, WV 26330

Antero Resources
Well No. Glaspell 1H
As-Drilled
Antero Resources Corporation

	Leases
A	Larry M. Hutson
B	Carole Hanlon
C	Robert L. Wolfe
D	Deborah Ann Cox
E	O.W.O Hardman, et al
F	Jefferson Minerals, LLC
G	N.M. Laughery
H	Robert D. Orr
I	Jay Bee Production Company, et al
J	Jacqueline L. Wichman Trust
K	Sandra S. Riffle
L	Carole O. Hyre
M	XTO Energy, Inc.
N	Antero Minerals, LLC
O	Donald R. Reynolds
P	Donald R. Reynolds
Q	Jacqueline L. Wichman Trust
R	Minda Allen
S	Morris Mountaineer Oil & Gas, LLC
T	Robert L. Wolfe
U	Chris Underwood
V	Antero Minerals, LLC
W	Robert O. Hopkins

ID	TM-Par	Owner	Bk/Pg	Acres
1	12-28	Garnett M. Ferrebee	WB24/333	107.00
2	5-16	James M. & Martha J. Cerullo	243/376	2.50
3	5-3	Brandon M. Cerullo	271/97	59.50
4	5-2	Robert L. Wolfe	274/668	56.71
5	5-9	Robert L. Wolfe	231/560	32.75
6	5-2.1	Robert L. Wolfe	231/464	1.09
7	5-10	Kevin E. & Elizabeth A. Denny	287/49	88.89
8	5-8	Coastal Forest Resources Co.	260/135	175.00
9	5-11.1	Grace Olive Rudder	WB42/130	60.63
10	11-5.2	James B. & Hazel I. Lemasters	143/118	21.50
11	11-5	James B. & Hazel I. Lemasters	143/118	108.00
12	11-7.1	Jasin B. Gamble	319/325	13.27
13	11-2	Ralph E. Ferrebee Jr	198/336	58.00
14	11-6	W.I. & Martha Ferrebee & Mary K. & Paul Baker	28/375	39.93
15	11-17	Jasin B. Gamble	319/325	39.78
16	11-14	Charles W. Yeager III	312/354	150.00
17	11-15	Charles W. Yeager III	312/354	37.00
18	11-14.1	Underwood Cemetery	---/---	0.23
19	11-14.2	Jason Lee Travis	310/280	18.66
20	11-34.1	Michael W. & Jodi A. Swiger	261/653	4.50
21	11-34.2	Shawn A. Glaspell	250/10	3.71
22	11-34	Shawn A. Glaspell	271/230	254.51
23	17-3.7	Treasa M. Bonnell	470/409	60.71
24	17-3.3	Shawn A. Glaspell	283/601	100.00
25	17-3.6	Shawn A. Glaspell	283/601	13.05
26	17-10	Kathryn Renee Blessing, et al	WB39/506	48.50
27	17-16	Faith L. Fry	238/167	36.84
28	17-3.2	Shawn A. Glaspell	283/601	135.00

FILE NO: 146-30-M-23
DRAWING NO: Glaspell 1H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 17 20 25
OPERATOR'S WELL NO. Glaspell 1H
API WELL NO
47 - 017 - 06981
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW

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☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,225' TVD 24,562' MD

03/13/2026

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

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	03/10/2025
Job End Date:	04/26/2025
State:	West Virginia
County:	Doddridge
API Number:	47-017-06981-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	GLASPELL UNIT 1H
Latitude:	39.38473
Longitude:	-80.685636
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7246
Total Base Water Volume (gal)*:	26587383.72
Total Base Non Water Volume:	0

FracFocus Chemical Disclosure Registry

Water Source	Percent
Produced Water	100.00%

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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Excelerate LX-21	Halliburton	Friction Reducer					
FDP-S1470-23	Halliburton	Friction Reducer					
HAI-501	Halliburton	Acid Corrosion Inhibitor					
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
LCA-1	Halliburton	Solvent					
MC B-8123	MultiChem	Biocide					
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
Produced Water (Density 8.8)	Operator	Base Fluid					
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					

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Sand-Premium White-40/70	Halliburton	Proppant					
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	86.89241	None
			Crystalline silica, quartz	14808-60-7	100.00000	12.91112	None
			Water	7732-18-5	100.00000	0.16135	None
			Hydrochloric acid	7647-01-0	30.00000	0.03846	None
			Complex amine compound	Proprietary	60.00000	0.02224	None
			Hydrotreated distillate	Proprietary	100.00000	0.01112	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	0.01076	None
			Hydrotreated light petrolem distillates	64742-47-8	30.00000	0.00538	None
			Guar gum	9000-30-0	100.00000	0.00500	None
			Ammonium chloride	12125-02-9	5.00000	0.00275	None
			Glutaraldehyde	111-30-8	30.00000	0.00238	None
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00185	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00185	None
			Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	5.00000	0.00090	None
			Ethoxylated branched C13 alcohol	78330-21-9	5.00000	0.00090	None
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00055	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00040	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00037	None
			Methanol	67-56-1	100.00000	0.00024	None
			Sobitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00018	None
			Ammonium persulfate	7727-54-0	100.00000	0.00014	None
			Citric acid	77-92-9	1.00000	0.00008	None
			Mixture of dimer and trimer fatty acids of	61790-12-3	30.00000	0.00007	None

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			indefinite composition derived from tall oil				
			Modified thiourea polymer	Proprietary	30.00000	0.00007	None
			Oxylated phenolic resin	Proprietary	30.00000	0.00004	None
			Propargyl alcohol	107-19-7	5.00000	0.00001	None
			Hexadecene	629-73-2	5.00000	0.00001	None
			Ethoxylated alcohols	Proprietary	5.00000	0.00001	None
			C.I. pigment Orange 5	3468-63-1	1.00000	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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