

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

API 47-017-06967 County Doddridge District TH: New Milton BH: Cove
Quad New Milton Pad Name Haught Field/Pool Name -----
Farm name Susan Haught Gido, et al Well Number Dakota 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 4337640.993m Easting 527523.514m
Landing Point of Curve Northing 4337490.76m Easting 527637.83m
Bottom Hole Northing 4333303.652m Easting 528954.318m

Elevation (ft) 1194' 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 10/2/2023 Date drilling commenced 11/13/2023 Date drilling ceased 1/30/2024
Date completion activities began 12/2/2024 Date completion activities ceased 1/26/2025
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

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Freshwater depth(s) ft 1701' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 2406' 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

Shawn King
5-28-25
02/06/2026

API 47-017 - 06967 Farm name Susan Haught Gido, et al Well number Dakota Unit 1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade w/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"	380'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3327'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	22199'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	7283'		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	250 sx	15.6	1.18	295	0'	8 Hrs.
Surface	Class A	335 sx	15.6	1.20	402	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1144 sx	15.6	1.20	1427	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	3723 sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.26 (Tail)	4978	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 22199' MD, 7148' TVD (BHL), 7265' (Deepest Point Drilled) Loggers TD (ft) 22199' MD

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

Plug back procedure N/A

Kick off depth (ft) 8340'

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

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

Conductor - 0
Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface
Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface
Production - 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

APPROVED *Shen* 02/06/2026
5-28-25

API 47- 017 - 06967 Farm name Susan Haught Gido, et al Well number Dakota Unit 1H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>Marcellus</u>	<u>7164' (TOP)</u>	<u>TVD</u>	<u>7498' (TOP)</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2102 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 13477.45 mcfpd Oil 88.99 bpd NGL --- bpd Water 735.93 bpd GAS MEASURED BY Estimated Orifice Pilot

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

***PLEASE SEE ATTACHED EXHIBIT 3**

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

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Cementing Company Dowell Schlumberger
Address 3600 Briarpark Drive City Houston State TX Zip 77042

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

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Environmental Protection

Please insert additional pages as applicable.

Completed by Carly Wren Telephone 303-357-7373
Signature Carly Wren Title Permitting Agent Date 4/14/2025

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

APPROVED 02/06/2026
5-28-25

Exhibit 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	12/2/2024	22069.6	22025.6	36	Marcellus
2	12/2/2024	21986.88981	21821.3389	36	Marcellus
3	12/3/2024	21785.8287	21620.2778	36	Marcellus
4	12/4/2024	21584.76759	21419.2167	36	Marcellus
5	12/4/2024	21383.70648	21218.1556	36	Marcellus
6	12/4/2024	21182.64537	21017.0944	36	Marcellus
7	12/5/2024	20981.58426	20816.0333	36	Marcellus
8	12/5/2024	20780.52315	20614.9722	36	Marcellus
9	12/6/2024	20579.46204	20413.9111	36	Marcellus
10	12/6/2024	20378.40093	20212.85	36	Marcellus
11	12/7/2024	20177.33981	20011.7889	36	Marcellus
12	12/7/2024	19976.2787	19810.7278	36	Marcellus
13	12/8/2024	19775.21759	19609.6667	36	Marcellus
14	12/8/2024	19574.15648	19408.6056	36	Marcellus
15	12/8/2024	19373.09537	19207.5444	36	Marcellus
16	12/9/2024	19172.03426	19006.4833	36	Marcellus
17	12/9/2024	18970.97315	18805.4222	36	Marcellus
18	12/10/2024	18769.91204	18604.3611	36	Marcellus
19	12/10/2024	18568.85093	18403.3	36	Marcellus
20	12/10/2024	18367.78981	18202.2389	36	Marcellus
21	12/11/2024	18166.7287	18001.1778	36	Marcellus
22	12/11/2024	17965.66759	17800.1167	36	Marcellus
23	12/12/2024	17764.60648	17599.0556	36	Marcellus
24	12/12/2024	17563.54537	17397.9944	36	Marcellus
25	12/13/2024	17362.48426	17196.9333	36	Marcellus
26	12/13/2024	17161.42315	16995.8722	36	Marcellus
27	12/13/2024	16960.36204	16794.8111	36	Marcellus
28	12/14/2024	16759.30093	16593.75	36	Marcellus
29	12/14/2024	16558.23981	16392.6889	36	Marcellus
30	12/14/2024	16357.1787	16191.6278	36	Marcellus
31	12/15/2024	16156.11759	15990.5667	36	Marcellus
32	12/15/2024	15955.05648	15789.5056	36	Marcellus
33	12/15/2024	15753.99537	15588.4444	36	Marcellus
34	12/16/2024	15552.93426	15387.3833	36	Marcellus
35	12/16/2024	15351.87315	15186.3222	36	Marcellus
36	12/16/2024	15150.81204	14985.2611	36	Marcellus
37	12/17/2024	14949.75093	14784.2	36	Marcellus
38	12/17/2024	14748.68981	14583.1389	36	Marcellus
39	12/18/2024	14547.6287	14382.0778	36	Marcellus
40	12/18/2024	14346.56759	14181.0167	36	Marcellus
41	12/18/2024	14145.50648	13979.9556	36	Marcellus
42	12/19/2024	13944.44537	13778.8944	36	Marcellus
43	12/19/2024	13743.38426	13577.8333	36	Marcellus
44	12/19/2024	13542.32315	13376.7722	36	Marcellus
45	12/20/2024	13341.26204	13175.7111	36	Marcellus
46	12/20/2024	13140.20093	12974.65	36	Marcellus
47	12/21/2024	12939.13981	12773.5889	36	Marcellus
48	12/21/2024	12738.0787	12572.5278	36	Marcellus
49	12/21/2024	12537.01759	12371.4667	36	Marcellus
50	12/22/2024	12335.95648	12170.4056	36	Marcellus
51	12/22/2024	12134.89537	11969.3444	36	Marcellus
52	12/22/2024	11933.83426	11768.2833	36	Marcellus
53	12/23/2024	11732.77315	11567.2222	36	Marcellus
54	12/23/2024	11531.71204	11366.1611	36	Marcellus
55	12/24/2024	11330.65093	11165.1	36	Marcellus
56	12/24/2024	11129.58981	10964.0389	36	Marcellus
57	12/24/2024	10928.5287	10762.9778	36	Marcellus
58	12/25/2024	10727.46759	10561.9167	36	Marcellus
59	12/25/2024	10526.40648	10360.8556	36	Marcellus
60	12/25/2024	10325.34537	10159.7944	36	Marcellus
61	12/26/2024	10124.28426	9958.7333	36	Marcellus
62	12/26/2024	9923.223148	9757.67222	36	Marcellus
63	12/27/2024	9722.162037	9556.61111	36	Marcellus
64	12/27/2024	9521.100926	9355.55	36	Marcellus
65	12/27/2024	9320.039815	9154.48889	36	Marcellus
66	12/27/2024	9118.978704	8953.42778	36	Marcellus
67	12/28/2024	8917.917593	8752.36667	36	Marcellus
68	12/28/2024	8716.856481	8551.30556	36	Marcellus
69	12/29/2024	8515.79537	8350.24444	36	Marcellus
70	12/29/2024	8314.734259	8149.18333	36	Marcellus
71	12/29/2024	8113.673148	7948.12222	36	Marcellus
72	12/29/2024	7912.612037	7747.06111	36	Marcellus
73	12/30/2024	7711.550926	7546	36	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	12/2/2024	78.3	9313.9	8895.8	4238.1	167360	5399.1	N/A
2	12/2/2024	93.5	9946.1	7762.5	4998.7	419580	8139.3	N/A
3	12/3/2024	90.8	9748.4	6437.9	4372.0	418040	7370.8	N/A
4	12/4/2024	88.6	9664.2	6321.8	4606.4	401310	7699.5	N/A
5	12/4/2024	96.3	10087.2	7074.5	4875.0	400940	7231.9	N/A
6	12/4/2024	93.1	9666.8	7028.0	5019.6	418480	7439.0	N/A
7	12/5/2024	97.4	10144.4	6765.0	5134.0	412360	7334.8	N/A
8	12/5/2024	89.7	9873.8	7307.1	4833.4	398400	7232.7	N/A
9	12/6/2024	95.3	9889.7	6813.0	4982.0	412880	7161.4	N/A
10	12/6/2024	92.0	10064.7	7158.2	4757.0	399300	7099.4	N/A
11	12/7/2024	91.3	9900.1	7343.2	4745.2	417420	7167.7	N/A
12	12/7/2024	96.6	9919.5	7040.5	5097.0	418780	7086.2	N/A
13	12/8/2024	93.7	10233.7	7219.0	4780.3	412540	7492.9	N/A
14	12/8/2024	97.8	10128.8	7211.1	5056.0	418480	7067.8	N/A
15	12/8/2024	95.5	9991.7	6813.0	4654.6	418320	7112.5	N/A
16	12/9/2024	96.6	9981.0	6525.1	4959.0	401580	6959.3	N/A
17	12/9/2024	88.2	9369.7	7050.9	5088.0	415760	7065.4	N/A
18	12/10/2024	98.0	9905.9	7088.6	5221.8	415640	7068.6	N/A
19	12/10/2024	92.0	9651.4	7077.6	4691.6	417880	7023.1	N/A
20	12/10/2024	97.3	9950.2	7182.4	5030.0	411620	7160.4	N/A
21	12/11/2024	91.1	9678.9	7310.5	4773.1	415940	7106.1	N/A
22	12/11/2024	98.9	9899.2	5875.6	4884.7	414660	7320.5	N/A
23	12/12/2024	97.0	9558.5	6966.3	4718.9	413560	6947.6	N/A
24	12/12/2024	97.3	9633.2	6494.2	4900.0	416740	6941.4	N/A
25	12/13/2024	98.5	9878.3	7438.6	5508.0	413040	7087.7	N/A
26	12/13/2024	97.2	9677.7	7515.2	5183.0	411980	6960.0	N/A
27	12/13/2024	98.1	9672.2	6639.7	5343.0	407600	7277.2	N/A
28	12/14/2024	98.2	9601.9	6441.4	5238.0	410820	7099.2	N/A
29	12/14/2024	97.5	9493.8	6488.1	5242.0	414800	7052.0	N/A
30	12/14/2024	98.1	9873.7	6057.7	5349.0	396350	6942.9	N/A
31	12/15/2024	98.0	9881.7	7351.1	5221.0	396440	7040.6	N/A
32	12/15/2024	97.3	9640.7	7450.5	5233.0	416400	7051.6	N/A
33	12/15/2024	98.8	9995.6	7404.1	5350.0	411180	7230.5	N/A
34	12/16/2024	98.0	9824.1	7081.5	4835.0	414220	7062.6	N/A
35	12/16/2024	97.2	9625.6	7125.3	5352.0	414900	7105.4	N/A
36	12/16/2024	98.6	9726.2	6555.2	5325.0	406860	7125.5	N/A
37	12/17/2024	96.4	9594.0	7169.6	5224.0	406720	7041.9	N/A
38	12/17/2024	98.0	9578.0	6827.0	5223.0	409640	7090.9	N/A
39	12/18/2024	98.0	9575.6	6976.8	5223.0	409340	7007.0	N/A
40	12/18/2024	98.2	9546.0	6741.0	4731.0	409120	6811.0	N/A
41	12/18/2024	98.5	9510.2	7145.5	5333.0	413160	6783.8	N/A
42	12/19/2024	98.1	9282.5	6915.8	5260.0	407260	7019.5	N/A
43	12/19/2024	98.3	9248.5	6787.2	5102.0	405940	6714.7	N/A
44	12/19/2024	92.1	8756.3	6868.1	4678.0	406300	6948.5	N/A
45	12/20/2024	98.6	9575.3	7401.0	5242.0	401140	6872.7	N/A
46	12/20/2024	97.6	9340.6	6823.6	5220.0	401040	6723.9	N/A
47	12/21/2024	95.5	8652.5	7069.2	5365.0	405860	8372.1	N/A
48	12/21/2024	97.6	8930.1	7112.1	4865.5	416220	6953.6	N/A
49	12/21/2024	97.7	8568.0	6371.3	5153.0	413460	7149.8	N/A
50	12/22/2024	98.4	8655.2	6821.6	5231.0	415120	7278.4	N/A
51	12/22/2024	92.6	8533.2	7283.3	5478.0	406320	7840.6	N/A
52	12/22/2024	97.9	8695.6	6846.1	4912.0	412800	6930.5	N/A
53	12/23/2024	96.6	8965.1	7111.9	5531.0	414300	6733.4	N/A
54	12/23/2024	99.4	8312.3	6637.6	5663.0	416540	7316.3	N/A
55	12/24/2024	97.8	7982.7	5561.2	5351.0	418140	6855.0	N/A
56	12/24/2024	98.6	8227.1	6853.4	4997.0	413980	6865.1	N/A
57	12/24/2024	100.0	8341.9	6491.9	5206.0	409000	6972.3	N/A
58	12/25/2024	98.6	8246.0	6604.0	5318.0	412820	6763.5	N/A
59	12/25/2024	98.9	8310.4	6334.7	5403.0	396760	6524.9	N/A
60	12/25/2024	98.4	8301.5	5930.6	4799.0	410320	6936.8	N/A
61	12/26/2024	99.1	8510.0	7129.4	5238.0	417200	6793.6	N/A
62	12/26/2024	100.0	8734.6	7100.2	4715.0	412040	6562.3	N/A
63	12/27/2024	97.7	8491.4	6906.5	5060.0	421088.0	6683.1	N/A
64	12/27/2024	100.0	8637.4	6562.9	5304.0	398090.0	6498.9	N/A
65	12/27/2024	98.9	8569.9	6309.8	5262.0	412980.0	6562.0	N/A
66	12/27/2024	97.8	8294.8	7137.4	5620.0	408300.0	6582.2	N/A
67	12/28/2024	100.0	8323.7	6653.5	5210.0	409080.0	6533.0	N/A
68	12/28/2024	99.1	7938.0	6431.1	5258.0	408340.0	6496.3	N/A
69	12/29/2024	98.4	8217.1	6786.3	5234.0	412980.0	6654.5	N/A
70	12/29/2024	99.4	8177.1	7180.3	5288.0	413460.0	6470.6	N/A
71	12/29/2024	99.1	7950.7	7088.7	5298.0	415520.0	6458.1	N/A
72	12/29/2024	99.5	8135.2	7437.3	5204.0	414700.0	6485.4	N/A
73	12/30/2024	99.0	8086.9	7332.1	5066.2	390280.0	6204.4	N/A
	AVERAGE	97	9,231	6,918	5,093	29,738,218	510,123	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	84	274	84	274
Sandstone, Occ Siltstone	274	424	274	424
Silty Sandstone	424	724	424	724
Sandstone, Siltstone	624	924	624	924
Sandy Siltstone	724	924	724	924
Siltstone, Occ Sandstone	924	1,174	924	1,174
Sandy Siltstone	1,174	1,274	1,174	1,274
Siltstone, tr Sandstone	1,274	1,324	1,274	1,324
Siltstone, tr Sandstone, tr Shale	1,324	1,824	1,324	1,824
Sandstone	1,824	1,924	1,824	1,924
Sandstone, Occ Siltstone	1,924	1,974	1,924	1,974
Silty Sandstone	1,974	2,124	1,974	2,124
Sandstone, Occ Siltstone	2,124	2,274	2,124	2,274
Sandstone	2,274	2,324	2,274	2,324
Silty Sandstone	2,324	2,261	2,324	2,280
Big Lime	2,287	2,758	2,280	2,783
Fifty Foot Sandstone	2,758	2,955	2,757	2,983
Gordon	2,955	3,242	2,957	3,273
Fifth Sandstone	3,242	3,306	3,247	3,338
Bayard	3,306	3,623	3,312	3,656
Speechley	3,623	4,113	3,630	4,146
Balltown	4,113	4,795	4,120	4,828
Bradford	4,795	5,240	4,802	5,273
Benson	5,240	5,492	5,247	5,525
Alexander	5,492	6,919	5,499	7,007
Sycamore	6,730	6,893	6,787	6,981
Middlesex	6,893	7,033	6,981	7,184
Burkett	7,033	7,069	7,184	7,249
Tully	7,069	7,164	7,249	7,498
Marcellus	7,164	NA	7,498	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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Environmental Protection

02/06/2026

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/30/2024
Job End Date:	12/30/2024
State:	West Virginia
County:	Doddridge
API Number:	47-017-06970-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Dakota Unit 1H
Latitude:	39.187578
Longitude:	-80.681302
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7265
Total Base Water Volume (gal)*:	22305074
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
FightR EC-17	Halliburton	Friction Reducer					
Fresh Water	Operator	Base Fluid					
HAI-501	Halliburton	Acid Corrosion Inhibitor					
HYDROCHLORIC ACID,15%	Halliburton	Solvent					
LCA-1	Halliburton	Solvent					
LEGEND(TM) LD-7750W	MultiChem	Scale Control					
MC B-8123	MultiChem	Biocide					
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					

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WG-36 GELLING AGENT	Halliburton	Gelling Agent					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	85.86528	None
			Crystalline silica, quartz	14808-60-7	100.00000	13.72661	None
			Water	7732-18-5	100.00000	0.33130	None
			Hydrochloric acid	7647-01-0	15.00000	0.05078	None
			Acrylamide copolymer	Proprietary	60.00000	0.02970	None
			Hydrotreated distillate	Proprietary	100.00000	0.01485	None
			Methanol	67-56-1	100.00000	0.00707	None
			Guar gum	9000-30-0	100.00000	0.00397	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00248	None
			Oleic acid, ethoxylated	9004-96-0	5.00000	0.00248	None
			Glutaraldehyde	111-30-8	30.00000	0.00243	None
			Sodium chloride	7647-14-5	5.00000	0.00057	None
			Phosphoric Acid Salt	Proprietary	5.00000	0.00057	None
			Poly(oxy-1,2-ethanediyl), a-hydroxy-hydroxy-, ether with D-glucitol, tetra-(9Z)-9-octadecenoate	61723-83-9	1.00000	0.00050	None
			Alcohols, C12-16, ethoxylated	68551-12-2	1.00000	0.00050	None
			Alcohols, C12-14-secondary, ethoxylated	84133-50-6	1.00000	0.00050	None
			Fatty amine salt	Proprietary	1.00000	0.00050	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000		
			Ammonium persulfate	7727-54-0	100.00000		
			Citric acid	77-92-9	1.00000	0.00008	None
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00007	None
			Modified thiourea	Proprietary	30.00000	0.00007	None

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			polymer				
			Sodium bisulfite	7631-90-5	0.10000	0.00005	None
			Organic salt	Proprietary	0.10000	0.00005	None
			Oxylated phenolic resin	Proprietary	30.00000	0.00005	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
			Formaldehyde	50-00-0	0.10000	0.00001	None
			Ethylene oxide	75-21-8	0.01000	0.00000	None
			Acrylamide	79-06-1	0.01000	0.00000	None
			Ammonium salt	Proprietary	0.01000	0.00000	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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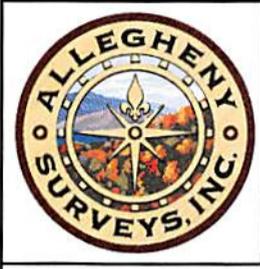
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11,373' to Bottom Hole

4,199' to Top Hole
 TOP HOLE LATITUDE 39 - 12 - 30
 BTM HOLE LATITUDE 39 - 10 - 00

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

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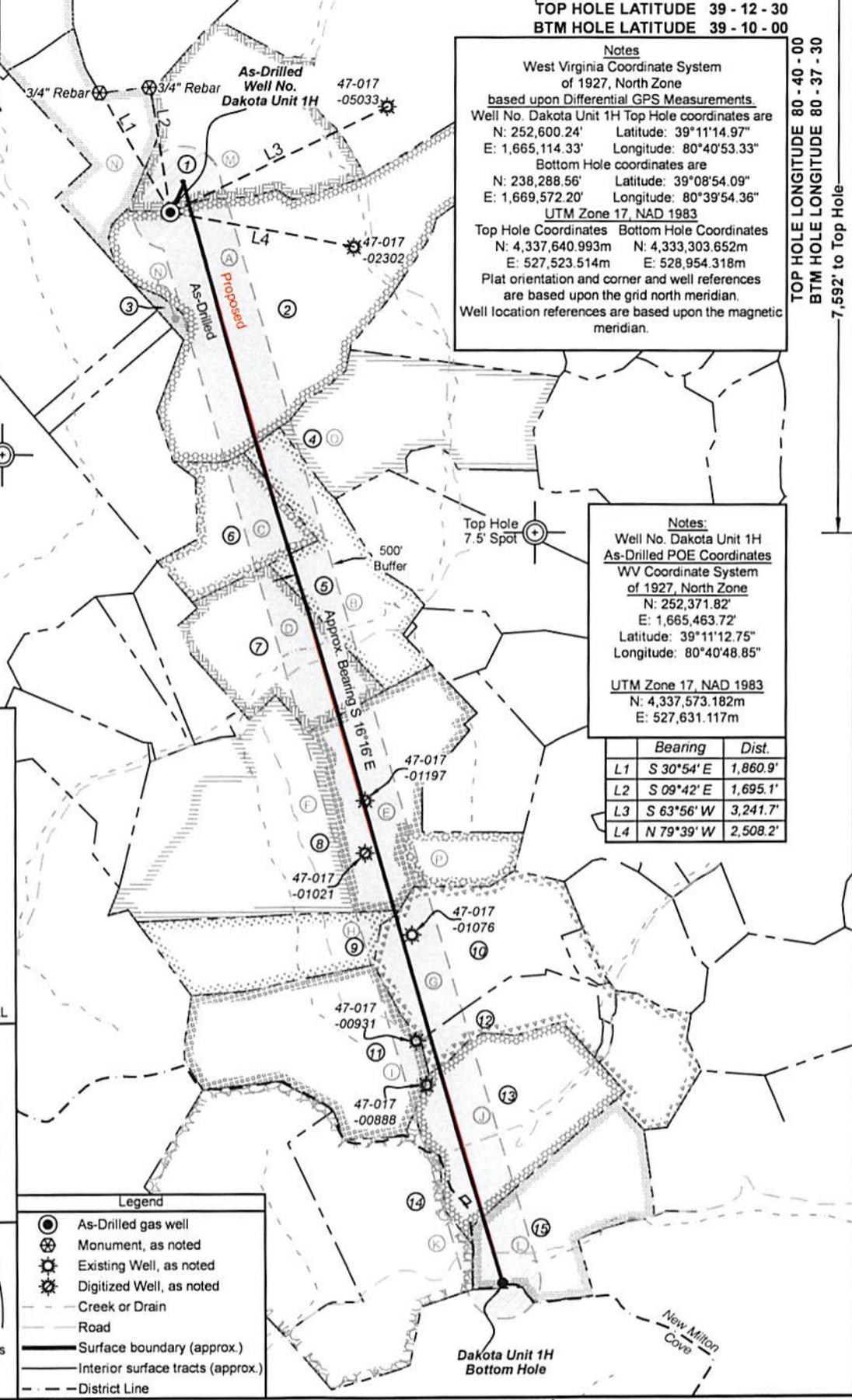
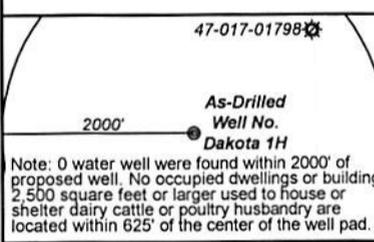
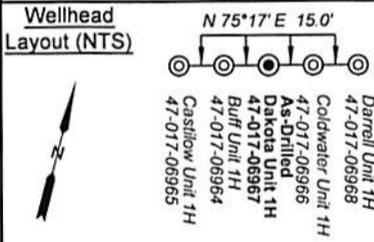


Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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

Bradley D. Miller, P.S. 2167



Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements
 Well No. Dakota Unit 1H Top Hole coordinates are
 N: 252,600.24' Latitude: 39°11'14.97"
 E: 1,665,114.33' Longitude: 80°40'53.33"
 Bottom Hole coordinates are
 N: 238,288.56' Latitude: 39°08'54.09"
 E: 1,669,572.20' Longitude: 80°39'54.36"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,337,640.993m N: 4,333,303.652m
 E: 527,523.514m E: 528,954.318m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Notes:
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 WV Coordinate System of 1927, North Zone
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 Latitude: 39°11'12.75"
 Longitude: 80°40'48.85"
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 N: 4,337,573.182m
 E: 527,631.117m

Bearing	Dist.
L1 S 30°54' E	1,860.9'
L2 S 09°42' E	1,695.1'
L3 S 63°56' W	3,241.7'
L4 N 79°39' W	2,508.2'

- Legend
- As-Drilled gas well
 - ⊗ Monument, as noted
 - ⊙ Existing Well, as noted
 - ⊙ Digitized Well, as noted
 - - - Creek or Drain
 - - - Road
 - - - Surface boundary (approx.)
 - - - Interior surface tracts (approx.)
 - - - District Line

FILE NO: 262-30-N-22
 DRAWING NO: Dakota 1H Well Plat 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: May 12 2025
 OPERATOR'S WELL NO. Dakota 1H
 API WELL NO
 47 - 017 - 06967
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,194' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: New Milton
 DISTRICT: New Milton COUNTY: Doddridge 02/06/2026
 SURFACE OWNER: Susan Haught Gido, et al ACREAGE: 264
 ROYALTY OWNER: O.C. Haught, et ux LEASE NO: ACREAGE: 264

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: 7,148' TVD 22,199' MD

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

TOP HOLE LONGITUDE 80 - 40 - 00
 BTM HOLE LONGITUDE 80 - 37 - 30
 7,592' to Top Hole
 6,668' to Bottom Hole

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



Leases	
A	O.C.Haught, et ux
B	Michael B. Duffelmeyer
C	Mary K. Post Revocable Trust - 2017, et al
D	Mary K. Post Revocable Trust - 2017, et al
E	O.C.Haught, et al
F	O.C.Haught, et al
G	HG Energy II Appalachia, LLC
H	Embra D. White
I	AMP IV, LP
J	Trever S. Gum
K	H.B. Gum, et ux
L	Michael Dale & Janet L. Nicholson
M	Haught Family Trust
N	Franklin Maxwell Heirs, LP
O	Haught Family Trust, et al
P	HG Energy II Appalachia, LLC

ID	TM-Par	Owner	Bk/Pg	Acres
1	15-6	Susan Haught Gido, et al	WB62/407	119.23
2	15-15	Susan Haught Gido, et al	WB62/407	264.00
3	15-5	David E. Bowyer, et al	389/715	64.00
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13	20-21	Trevor S. Gum	364/471	100.28
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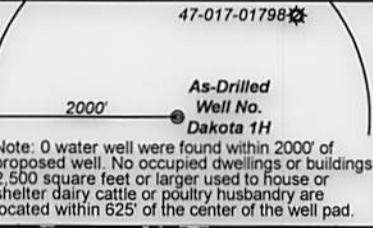
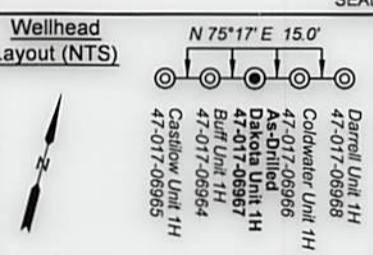
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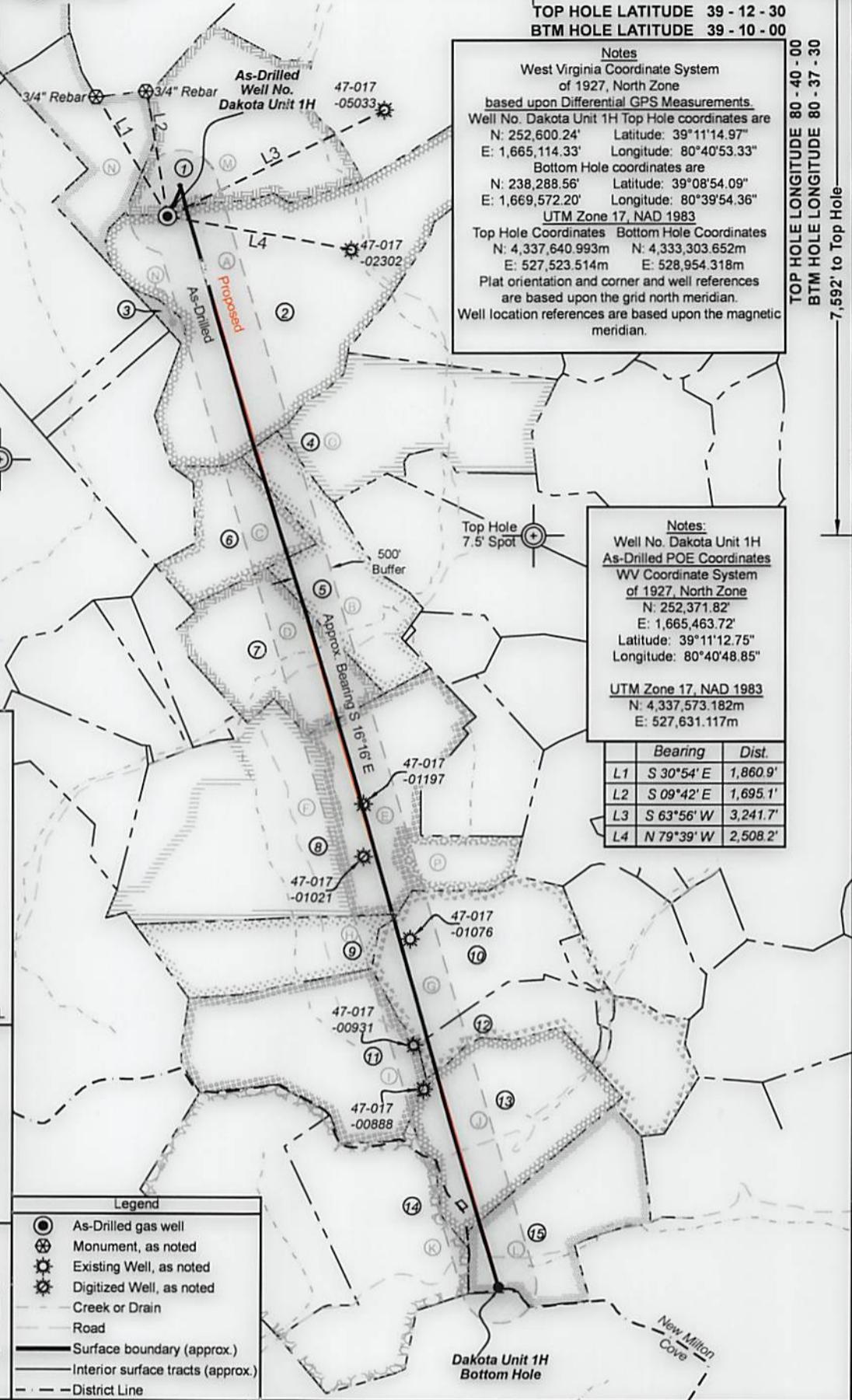


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