

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

RECEIVED
Office of Oil and Gas
JUL 18 2025

WV Department of
Environmental Protection

API 47 - 095 - 02888 County Tyler District Lincoln
Quad Paden City Pad Name Starkey Field/Pool Name -----
Farm name Neil R. Stebbins Well Number Elexa 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 4379871.492m Easting 505981.999m
Landing Point of Curve Northing 4379843.15m Easting 506363.71m
Bottom Hole Northing 4376383.624m Easting 507586.847m

Elevation (ft) 1091' 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 7/3/2024 Date drilling commenced 9/15/2024 Date drilling ceased 10/31/2024
Date completion activities began 1/8/2025 Date completion activities ceased 2/21/2025
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 464' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1522' 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: Smey
APPROVED 09/12/2025
8-5-25

API 47- 095 - 02888 Farm name Neil R. Stebbins Well number Elexa 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"	586'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	3301'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	18966'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6378'		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	190 sx	15.6	1.18	224	0'	8 Hrs.
Surface	Class C	513 sx	15.8	1.17	600	0'	8 Hrs.
Coal							
Intermediate 1	Class C	1210 sx	15.8	1.15	1392	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	4265 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.77 (Lead), 1.31 (Tail)	5587	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 18966' MD, 6403' TVD (BHL), 6403' (Deepest Point Drilled) Loggers TD (ft) 18966' MD

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

Plug back procedure N/A

Kick off depth (ft) 5644'

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

RECEIVED
Office Of Oil and Gas

JUL 08 2025

WV Department of
Environmental Protection

09/12/2025

Well number **Elexa Unit 2H**

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

[illegible][illegible][illegible]

WV Department of
Environmental Protection

09/12/2025 

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Marcellus</u>	<u>6204' (TOP)</u> TVD	<u>6585' (TOP)</u> MD

GAS TEST ☐ Build up ☐ Drawdown ☒ Open Flow				OIL TEST ☒ Flow ☐ Pump			
SHUT-IN PRESSURE		Surface <u>1465</u> psi		Bottom Hole <u>---</u> psi		DURATION OF TEST <u>---</u> hrs	
OPEN FLOW		Gas		Oil		NGL	
		<u>12194</u> mcfpd		<u>485</u> bpd		<u>---</u> bpd	
						Water	
						<u>1816</u> bpd	
						GAS MEASURED BY	
						☐ Estimated ☒ Orifice ☐ Pilot	

***PLEASE SEE ATTACHED EXHIBIT 3**

[illegible]

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

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

09/12/2025

API 47-095-02888 Farm Name Neil R. Stebbins Well Number Alexa Unit 2H

Exhibit 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	1/8/2025	18910.4	18895.4	36	Marcellus
2	1/9/2025	18856.71585	18691.2951	36	Marcellus
3	1/9/2025	18655.81093	18490.3902	36	Marcellus
4	1/9/2025	18454.90601	18289.4852	36	Marcellus
5	1/10/2025	18254.00109	18088.5803	36	Marcellus
6	1/11/2025	18053.09617	17887.6754	36	Marcellus
7	1/11/2025	17852.19126	17686.7705	36	Marcellus
8	1/11/2025	17651.28634	17485.8656	36	Marcellus
9	1/11/2025	17450.38142	17284.9607	36	Marcellus
10	1/12/2025	17249.4765	17084.0557	36	Marcellus
11	1/12/2025	17048.57158	16883.1508	36	Marcellus
12	1/12/2025	16847.66667	16682.2459	36	Marcellus
13	1/12/2025	16646.76175	16481.341	36	Marcellus
14	1/12/2025	16445.85683	16280.4361	36	Marcellus
15	1/13/2025	16244.95191	16079.5311	36	Marcellus
16	1/13/2025	16044.04699	15878.6262	36	Marcellus
17	1/13/2025	15843.14208	15677.7213	36	Marcellus
18	1/13/2025	15642.23716	15476.8164	36	Marcellus
19	1/14/2025	15441.33224	15275.9115	36	Marcellus
20	1/14/2025	15240.42732	15075.0066	36	Marcellus
21	1/14/2025	15039.5224	14874.1016	36	Marcellus
22	1/15/2025	14838.61749	14673.1967	36	Marcellus
23	1/15/2025	14637.71257	14472.2918	36	Marcellus
24	1/15/2025	14436.80765	14271.3869	36	Marcellus
25	1/15/2025	14235.90273	14070.482	36	Marcellus
26	1/15/2025	14034.99781	13869.577	36	Marcellus
27	1/16/2025	13834.0929	13668.6721	36	Marcellus
28	1/16/2025	13633.18798	13467.7672	36	Marcellus
29	1/17/2025	13432.28306	13266.8623	36	Marcellus
30	1/17/2025	13231.37814	13065.9574	36	Marcellus
31	1/17/2025	13030.47322	12865.0525	36	Marcellus
32	1/18/2025	12829.56831	12664.1475	36	Marcellus
33	1/18/2025	12628.66339	12463.2426	36	Marcellus
34	1/19/2025	12427.75847	12262.3377	36	Marcellus
35	1/19/2025	12226.85355	12061.4328	36	Marcellus
36	1/20/2025	12025.94863	11860.5279	36	Marcellus
37	1/20/2025	11825.04372	11659.623	36	Marcellus
38	1/21/2025	11624.1388	11458.718	36	Marcellus
39	1/21/2025	11423.23388	11257.8131	36	Marcellus
40	1/21/2025	11222.32896	11056.9082	36	Marcellus
41	1/22/2025	11021.42404	10856.0033	36	Marcellus
42	1/22/2025	10820.51913	10655.0984	36	Marcellus
43	1/23/2025	10619.61421	10454.1934	36	Marcellus
44	1/23/2025	10418.70929	10253.2885	36	Marcellus
45	1/24/2025	10217.80437	10052.3836	36	Marcellus
46	1/24/2025	10016.89945	9851.47869	36	Marcellus
47	1/24/2025	9815.994536	9650.57377	36	Marcellus
48	1/25/2025	9615.089617	9449.66885	36	Marcellus
49	1/25/2025	9414.184699	9248.76393	36	Marcellus
50	1/25/2025	9213.279781	9047.85902	36	Marcellus
51	1/26/2025	9012.374863	8846.9541	36	Marcellus
52	1/26/2025	8811.469945	8646.04918	36	Marcellus
53	1/26/2025	8610.565027	8445.14426	36	Marcellus
54	1/27/2025	8409.660109	8244.23934	36	Marcellus
55	1/27/2025	8208.755191	8043.33443	36	Marcellus
56	1/27/2025	8007.850273	7842.42951	36	Marcellus
57	1/28/2025	7806.945355	7641.52459	36	Marcellus
58	1/28/2025	7606.040437	7440.61967	36	Marcellus
59	1/28/2025	7405.135519	7239.71475	36	Marcellus
60	1/29/2025	7204.230601	7038.80984	36	Marcellus
61	1/29/2025	7003.325683	6837.90492	36	Marcellus
62	1/29/2025	6802.420765	6637	36	Marcellus

RECEIVED
Office Of Oil and GasJAN 28 2025
WV Department of
Environmental Protection

09/12/2025

API 47-095-02888 Farm Name Neil R. Stebbins Well Number Flexa Unit 2H

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	1/8/2025	92.1	9776.6	8578.0	3850.3	116740	3657.4	N/A
2	1/9/2025	96.9	9708.1	6394.1	3577.0	416340	7220.0	N/A
3	1/9/2025	97.9	10080.9	6093.1	4814.0	402760	7274.8	N/A
4	1/9/2025	98.8	10126.7	5818.4	3301.2	408480	7182.6	N/A
5	1/10/2025	96.1	9686.0	6154.3	3590.7	409120	7081.7	N/A
6	1/11/2025	97.0	9664.8	5569.1	4363.0	403400	7303.1	N/A
7	1/11/2025	97.0	9859.2	5388.8	3633.0	408740	7091.2	N/A
8	1/11/2025	98.8	9887.7	5996.7	4578.0	410180	7145.3	N/A
9	1/11/2025	96.7	9867.2	5736.5	4032.5	409600	7027.1	N/A
10	1/12/2025	97.9	9861.6	5896.9	3974.0	409720	7053.4	N/A
11	1/12/2025	97.3	9846.3	5812.1	4236.8	414500	7075.5	N/A
12	1/12/2025	94.6	9667.1	6019.1	4043.0	401300	6950.9	N/A
13	1/12/2025	94.8	9611.6	5626.4	3698.0	412160	7234.3	N/A
14	1/12/2025	95.9	9183.7	5464.5	3677.4	406840	7148.7	N/A
15	1/13/2025	97.8	9315.9	5784.3	3988.1	414140	7143.0	N/A
16	1/13/2025	97.5	9396.7	5771.8	3979.0	407660	6997.1	N/A
17	1/13/2025	97.0	9369.9	5634.3	3680.0	411280	6974.3	N/A
18	1/13/2025	97.9	9078.1	5799.2	4049.0	413600	6959.7	N/A
19	1/14/2025	97.5	9039.4	6071.4	3908.8	408860	6861.9	N/A
20	1/14/2025	98.1	9045.9	3355.9	4326.0	422630	7148.8	N/A
21	1/14/2025	98.8	9041.2	5615.1	4165.0	411560	7130.2	N/A
22	1/15/2025	98.6	8921.9	5587.1	4138.0	416120	6979.1	N/A
23	1/15/2025	98.0	8692.6	5362.0	3959.0	407660	6994.9	N/A
24	1/15/2025	97.0	8954.0	5862.5	4240.0	408920	7178.9	N/A
25	1/15/2025	96.8	8688.6	5895.8	3356.0	407300	6930.1	N/A
26	1/15/2025	98.2	8853.6	6166.7	4043.0	401660	6758.2	N/A
27	1/16/2025	99.0	9159.7	5839.0	4084.0	415860	7018.6	N/A
28	1/16/2025	99.2	8691.6	5830.2	4004.0	409380	6869.9	N/A
29	1/17/2025	100.2	8551.6	5731.7	4053.0	411260	6939.6	N/A
30	1/17/2025	97.8	8170.1	5790.0	3718.0	408860	6943.5	N/A
31	1/17/2025	98.2	8702.3	6194.0	4001.0	405340	6783.2	N/A
32	1/18/2025	98.1	8428.8	5609.5	3996.0	404740	6790.0	N/A
33	1/18/2025	93.6	8010.5	5761.0	4078.0	402900	7306.1	N/A
34	1/19/2025	98.3	7992.7	5592.3	4002.0	405720	6872.9	N/A
35	1/19/2025	98.7	8077.3	5641.1	4160.0	406640	6751.0	N/A
36	1/20/2025	98.7	8219.0	5900.5	3503.0	388640	6659.0	N/A
37	1/20/2025	99.9	8109.7	5657.0	4195.0	399100	6595.7	N/A
38	1/21/2025	96.7	7949.3	5632.4	4290.0	405960	6813.0	N/A
39	1/21/2025	97.6	7911.6	5425.6	3710.0	398300	6697.7	N/A
40	1/21/2025	97.6	7859.0	5953.6	4033.0	406720	6837.5	N/A
41	1/22/2025	97.5	7766.2	5797.1	3293.7	400400	6678.8	N/A
42	1/22/2025	98.6	7932.5	5967.8	4533.0	403400	6688.8	N/A
43	1/23/2025	99.0	8110.0	6392.2	3895.0	407860	6794.4	N/A
44	1/23/2025	97.9	8194.0	6055.5	3921.0	404300	6636.8	N/A
45	1/24/2025	98.9	8007.6	5990.9	3984.0	409720	6864.0	N/A
46	1/24/2025	97.8	8050.6	6107.6	3305.0	400380	6666.2	N/A
47	1/24/2025	97.6	7990.0	5655.3	3929.0	408820	6725.5	N/A
48	1/25/2025	99.5	7800.1	5514.7	3879.0	408420	6716.3	N/A
49	1/25/2025	98.3	7747.2	6011.5	3501.0	405080	6803.6	N/A
50	1/25/2025	98.0	7710.9	5683.7	3464.7	417440	6858.3	N/A
51	1/26/2025	98.8	7731.0	5656.5	4098.0	400160	6670.4	N/A
52	1/26/2025	97.2	7546.8	5191.2	3941.0	409820	6632.2	N/A
53	1/26/2025	97.4	7647.7	6645.0	3813.0	405400	6731.9	N/A
54	1/27/2025	99.2	7613.6	6038.7	3899.0	406460	6677.3	N/A
55	1/27/2025	95.5	7524.1	6240.8	3394.0	411200	6756.0	N/A
56	1/27/2025	98.5	7315.5	5677.8	3785.0	408020	7014.4	N/A
57	1/28/2025	98.7	7289.8	6136.7	3858.0	411360	7071.5	N/A
58	1/28/2025	98.3	7184.3	6303.7	3399.0	410920.0	6870.1	N/A
59	1/28/2025	98.1	7097.6	5953.2	3730.0	414400.0	7085.1	N/A
60	1/29/2025	97.8	6853.4	5713.9	3726.0	413400.0	7337.4	N/A
61	1/29/2025	98.0	7116.5	6455.3	3832.0	408200.0	7013.3	N/A
62	1/29/2025	98.2	6770.5	5460.5	3335.0	412500.0	7127.8	N/A
	AVERAGE	98	8,517	5,849	3,896	25,008,350	426,800	TOTAL

RECEIVED
Office Of Oil and Gas
JUL 08 2025
WV Department of
Environmental Protection

09/12/2025

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	570	720	570	720
Sandstone, Occ Limestone, tr coal	720	820	720	820
Sandstone, Siltstone	820	1,020	820	1,020
Silty Sandstone	920	1,120	920	1,120
Sandstone, Occ Siltstone	1,020	1,120	1,020	1,120
Silty Sandstone	1,120	1,220	1,120	1,220
Sandstone, Siltstone	1,220	1,320	1,220	1,320
Silty Sandstone	1,320	1,420	1,320	1,420
Sandstone, Occ Siltstone	1,420	1,520	1,420	1,520
Silty Sandstone	1,520	1,620	1,520	1,620
Sandstone, Siltstone	1,620	1,720	1,620	1,720
Silty Sandstone	1,720	1,770	1,720	1,770
Silty Sandstone, occ Limestone	1,770	1,839	1,770	1,867
Big Lime	1,869	2,692	1,867	2,746
Fifty Foot Sandstone	2,692	2,736	2,716	2,791
Gordon	2,736	2,900	2,761	2,960
Fifth Sandstone	2,900	3,261	2,930	3,332
Bayard	3,261	3,925	3,302	4,019
Speechley	3,925	4,202	3,989	4,304
Balltown	4,202	4,621	4,274	4,736
Bradford	4,621	4,927	4,706	5,051
Benson	4,927	5,120	5,021	5,248
Alexander	5,120	6,117	5,218	6,362
Sycamore	5,984	6,087	6,175	6,332
Middlesex	6,087	6,176	6,332	6,513
Burkett	6,176	6,204	6,513	6,585
Marcellus	6,204	NA	6,585	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.

RECEIVED
Office Of Oil and Gas

JUL 08 2025

WV Department of
Environmental Protection

09/12/2025

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	01/08/2025
Job End Date:	01/29/2025
State:	West Virginia
County:	Tyler
API Number:	47-095-02888-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	ELEXA UNIT 2H
Latitude:	39.568444
Longitude:	-80.930528
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6401
Total Base Water Volume (gal)*:	18632155
Total Base Non Water Volume:	0



Water Source	Percent
Produced Water	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
Excelerate LX-21	Halliburton	Friction Reducer					
HAI-501	Halliburton	Acid Corrosion Inhibitor					
HYDROCHLORIC ACID,15%	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					
WG-36 GELLING AGENT	Halliburton	Gelling Agent					

09/12/2025

20

Items above are Trade Names. Items below are the individual ingredients.

			Water	7732-18-5	100.00000	86.44235	None
			Crystalline silica, quartz	14808-60-7	100.00000	13.18458	None
			Water	7732-18-5	85.00000	0.30245	None
			Hydrochloric acid	7647-01-0	15.00000	0.04809	None
			Complex amine compound	Proprietary	60.00000	0.02441	None
			Hydrotreated distillate	Proprietary	100.00000	0.01221	None
			Guar gum	9000-30-0	100.00000	0.00353	None
			Glutaraldehyde	111-30-8	30.00000	0.00238	None
			Ammonium chloride	12125-02-9	5.00000	0.00203	None
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00203	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00203	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00041	None
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00041	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00040	None
			Methanol	67-56-1	100.00000	0.00024	None
			Ammonium persulfate	7727-54-0	100.00000	0.00013	None
			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 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

09/12/2025

* 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)

Antero Resources

Well No. Elexa 2H

As-Drilled

Antero Resources Corporation

ALLEGHENY

SURVEYS, INC.

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.

Page
1 of 2

BTM Hole
7.5' Spot

As-Drilled
Well No.
Elexa 2H

5/8" Rebar

5/8" Rebar

5/8" Rebar

Iron Pipe

POE

Top Hole
7.5' Spot

As-Drilled

Proposed

500' Buffer

Elexa Unit 2H
Bottom Hole

Wellhead Layout (NTS)

Ivory Unit 1H
(47-095-02889)

Ivory Unit 2H
(47-095-02890)

Magnolia Unit 1H
(47-095-02891)

Magnolia Unit 2H
(47-095-02892)

Elexa Unit 1H
(47-095-02887)

As-Drilled
Elexa Unit 2H
(47-095-02888)

TOP HOLE LATITUDE 39 - 35 - 00

BOTTOM HOLE LATITUDE 39 - 32 - 30

TOP HOLE LONGITUDE 80 - 55 - 00

BOTTOM HOLE LONGITUDE 80 - 52 - 32

1,698' to Bottom Hole

10,403' to Bottom Hole

3,908' to Top Hole

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

BRADLEY D. MILLER

LICENSED

No 2167

STATE OF

WEST VIRGINIA

PROFESSIONAL SURVEYOR

Proposed
Well No.  2000'

Elexa Unit 2H

Note: No 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: 158-54-L-23

DRAWING NO: Elexa 2H 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: July 2 20 25

OPERATOR'S WELL NO. Elexa 2H

API WELL NO

47 - 095 - 02888

STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-built Elev: 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City

DISTRICT: Lincoln COUNTY: Tyler09/12/2025

SURFACE OWNER: Neil R. Stebbins ACREAGE: 51.48

ROYALTY OWNER: AMP IV, LP LEASE NO: ACREAGE: 80.37

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,403' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,966' 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

Notes

West Virginia Coordinate System
of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Elexa Unit 2H Top Hole coordinates are
N: 392,361.35" Latitude: 39°34'06.40"
E: 1,596,737.29" Longitude: 80°55'49.91"
Bottom Hole coordinates are
N: 380,827.96" Latitude: 39°32'13.22"
E: 1,601,812.81" Longitude: 80°54'42.78"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,379,871.492m N: 4,376,383.624m
E: 505,981.999m E: 507,586.847m
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. Elexa Unit 2H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, North Zone
N: 392,556.74'
E: 1,597,966.39'
Latitude: 39°34'08.53"
Longitude: 80°55'34.25"
UTM Zone 17, NAD 1983
N: 4,379,937.281m
E: 506,355.458m

	Bearing	Dist.
L1	S 50°44' W	2,778.5'
L2	S 04°40' W	994.9'
L3	N 80°08' E	1,393.8'
L4	N 47°06' E	1,212.1'



Leases	
A	Robert F. & Rita K. Scardina
B	Robert F. & Rita K. Scardina
C	Robert F. & Rita K. Scardina
D	Robert F. & Rita K. Scardina
E	Earl K. Grimes, et ux
F	BRC Appalachian Minerals I, LLC
G	BRC Appalachian Minerals I, LLC
H	Breck Minerals, LP
I	BRC Appalachian Minerals I, LLC
K	Ethan A. & Marsh L. Riffle, JTWROS
L	Blanche B. Bailey & Shelby R. Bailey
M	Charles R. Jobs
N	Melodee A. Matheny
O	Heritage Resources-Marcellus, LLC
P	AMP IV, LP
Q	Janet L. Heintzman
R	Diane W. Kestle

ID	TM-Par	Owner	Bk/Pg	Acres
1	5-9.4	Neil R. Stebbins	366/436	51.48
2	5-12	Robert F. & Rita K. Scardina	320/646	25.00
3	5-11	Robert F. & Rita K. Scardina	320/646	25.00
4	5-10	Robert F. & Rita K. Scardina	320/646	25.00
5	5-13	Robert F. & Rita K. Scardina	320/646	46.00
6	9-3	D.E. Grimes & Sons Farm, LLC	209/496	67.00
7	5-18	Melvin S. Stern, et al	155/637	43.50
8	9-5	D.E. Grimes & Sons Farm, LLC	209/496	1.59
9	9-4	Brandon Scott Grimes	637/841	20.00
10	9-16	D.E. Grimes & Sons Farm, LLC	209/496	118.22
11	9-15.1	Larry M. & Betty L. Jochum; Mark Lee Jochum	573/794	75.00
12	9-17.1	James E. Vancamp & Barbie Jean Palmer	318/485	4.91
13	9-17	Ethan A. & Marsha L. Riffle	323/649	90.04
14	9-24	Ethan A. & Marsha L. Riffle	299/26	82.00
15	9-27	Robert Livio Bolner	226/593	59.00
16	9-28	Constance Heintzman	WB43/505	104.50
17	9-29	Russell D. & Mary A. Adams	190/300	1.00
18	9-36	Diane Weaver Clark	WB39/544	59.00
19	13-3	Mark E. Heintzman	221/635	51.96
20	13-8	D.H. Lancaster, Jr.	351/288	52.84

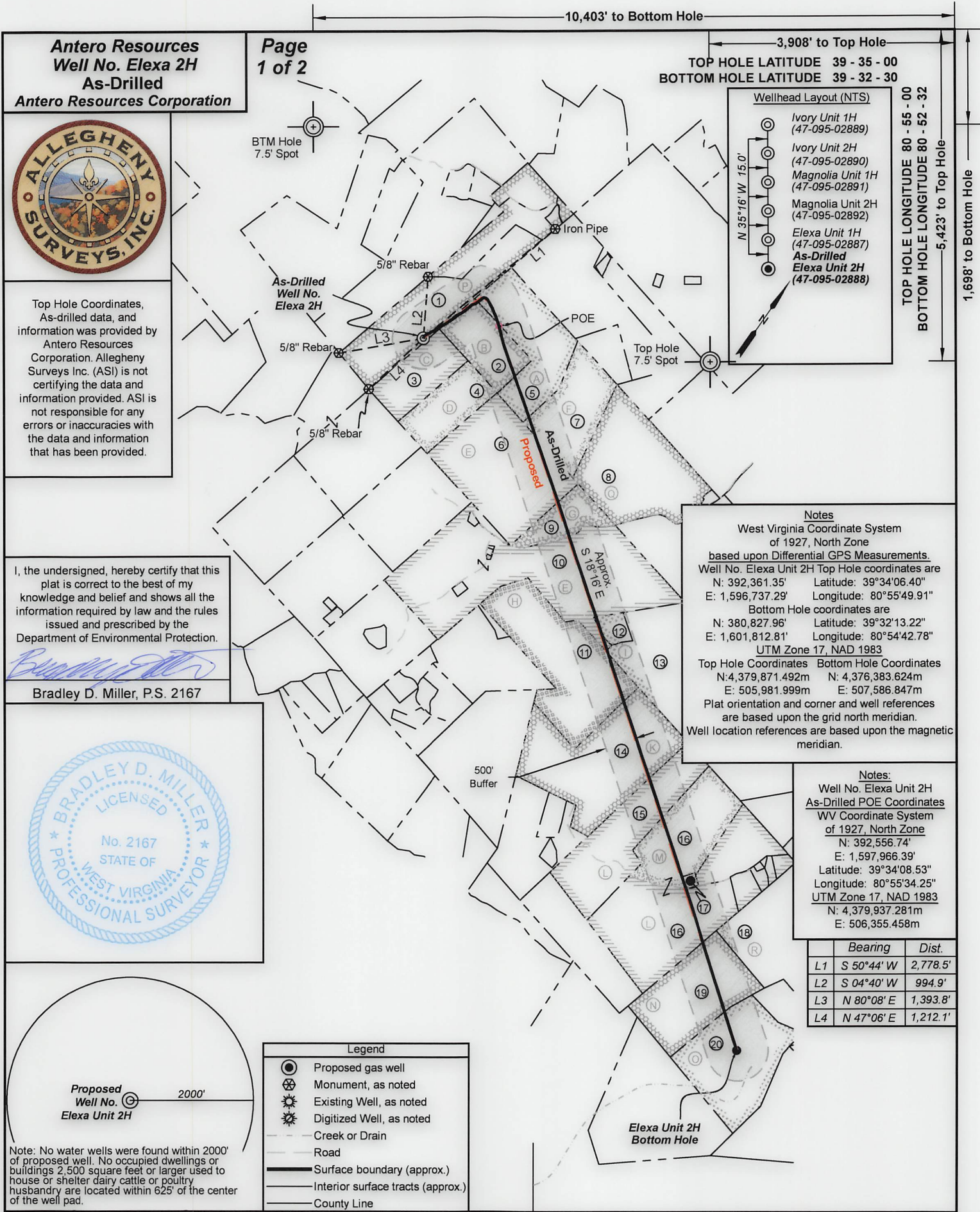
FILE NO: 158-54-L-23
DRAWING NO: Elexa 2H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

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

DATE: July 2 20 25
OPERATOR'S WELL NO. Elexa 2H
API WELL NO
47 - 095 - 02888
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: As-built Elev: 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
DISTRICT: Lincoln COUNTY: Tyoga
SURFACE OWNER: Neil R. Stebbins ACREAGE: 51.48
ROYALTY OWNER: AMP IV, LP LEASE NO: ACREAGE: 80.37
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,403' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,966' 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



FILE NO: 158-54-L-23	STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION	DATE: July 2 20 25
DRAWING NO: Elexa 2H As-Drilled		OPERATOR'S WELL NO. Elexa 2H
SCALE: 1" = 2000'		API WELL NO
MINIMUM DEGREE OF ACCURACY: Submeter		47 - 095 - 02888
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV	STATE COUNTY PERMIT	
WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW		
LOCATION: ELEVATION: As-built Elev: 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City		
DISTRICT: Lincoln COUNTY: Tyler09/12/2025		
SURFACE OWNER: Neil R. Stebbins ACREAGE: 51.48		
ROYALTY OWNER: AMP IV, LP LEASE NO: ACREAGE: 80.37		
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION		
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,403' TVD		
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,966' 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		



Leases	
A	Robert F. & Rita K. Scardina
B	Robert F. & Rita K. Scardina
C	Robert F. & Rita K. Scardina
D	Robert F. & Rita K. Scardina
E	Earl K. Grimes, et ux
F	BRC Appalachian Minerals I, LLC
G	BRC Appalachian Minerals I, LLC
H	Breck Minerals, LP
I	BRC Appalachian Minerals I, LLC
K	Ethan A. & Marsh L. Riffle, JTWROS
L	Blanche B. Bailey & Shelby R. Bailey
M	Charles R. Jobes
N	Melodee A. Matheny
O	Heritage Resources-Marcellus, LLC
P	AMP IV, LP
Q	Janet L. Heintzman
R	Diane W. Kestle

ID	TM-Par	Owner	Bk/Pg	Acres
1	5-9.4	Neil R. Stebbins	366/436	51.48
2	5-12	Robert F. & Rita K. Scardina	320/646	25.00
3	5-11	Robert F. & Rita K. Scardina	320/646	25.00
4	5-10	Robert F. & Rita K. Scardina	320/646	25.00
5	5-13	Robert F. & Rita K. Scardina	320/646	46.00
6	9-3	D.E. Grimes & Sons Farm, LLC	209/496	67.00
7	5-18	Melvin S. Stern, et al	155/637	43.50
8	9-5	D.E. Grimes & Sons Farm, LLC	209/496	1.59
9	9-4	Brandon Scott Grimes	637/841	20.00
10	9-16	D.E. Grimes & Sons Farm, LLC	209/496	118.22
11	9-15.1	Larry M. & Betty L. Jochum; Mark Lee Jochum	573/794	75.00
12	9-17.1	James E. Vancamp & Barbie Jean Palmer	318/485	4.91
13	9-17	Ethan A. & Marsha L. Riffle	323/649	90.04
14	9-24	Ethan A. & Marsha L. Riffle	299/26	82.00
15	9-27	Robert Livio Bolner	226/593	59.00
16	9-28	Constance Heintzman	WB43/505	104.50
17	9-29	Russell D. & Mary A. Adams	190/300	1.00
18	9-36	Diane Weaver Clark	WB39/544	59.00
19	13-3	Mark E. Heintzman	221/635	51.96
20	13-8	D.H. Lancaster, Jr.	351/288	52.84

FILE NO: 158-54-L-23
DRAWING NO: Elexa 2H 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: July 2 20 25
OPERATOR'S WELL NO. Elexa 2H
API WELL NO
47 - 095 - 02888
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: As-built Elev: 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
DISTRICT: Lincoln COUNTY: Tyler
SURFACE OWNER: Neil R. Stebbins ACREAGE: 51.48
ROYALTY OWNER: AMP IV, LP LEASE NO: ACREAGE: 80.37
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,403' TVD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,966' 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