

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

API 47-095-02735 County Tyler District Union/Meade
Quad Middlebourne Pad Name Roma Lou Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Roy 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 4370711m Easting 502249m
Landing Point of Curve Northing 4370386.79m Easting 502353.84m
Bottom Hole Northing 4366832m Easting 503558m

Elevation (ft) 883' 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 4/13/2021 Date drilling commenced 5/10/2021 Date drilling ceased 6/9/2021
Date completion activities began 7/20/2021 Date completion activities ceased 8/23/2021
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 158' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1678' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 483' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by:

API 47-095 - 02735 Farm name Antero Resources Corporation Well number Roy 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	24"	20"	80'	New	94#, H-40	N/A	Y
Surface	17-1/2"	13-3/8"	358'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2570'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	19253'	New	20#, P-100	N/A	Y
Tubing		2-3/8"	6213'		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	351 sx	15.6	1.18	75	0'	8 Hrs.
Surface	Class A	450 sx	15.6	1.20	92	0'	8 Hrs.
Coal							
Intermediate 1	Class A	920 sx	15.8	1.17	189	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	792 sx (Lead) 2915 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.4 (Lead), 1.32 (Tail)	683	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 19303' MD, 6135' TVD (BHL), 6156' (Deepest Point Drilled) Loggers TD (ft) 19303' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6505'

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

API 47- 095 - 02735 Farm name Antero Resources Corporation Well number Roy Unit 2H

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								

Please insert additional pages as applicable.

API 47-095-02735 Farm name Antero Resources Corporation Well number Roy Unit 2H

PRODUCING FORMATION(S)	DEPTHS	
<u>Marcellus</u>	<u>6013' (TOP)</u> TVD	<u>6277' (TOP)</u> MD
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2800 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 16696 mcfpd Oil 406 bpd NGL --- bpd Water 1418 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	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

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

Please insert additional pages as applicable.

Completed by Brandi Hankins Telephone 303-357-7223
Signature  Title Completions Technician Date 3/31/22

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Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	07/20/2021	19187	19145.5	36	Marcellus
2	07/20/2021	19104.4084	18891.0588	36	Marcellus
3	07/21/2021	18853.16723	18639.8176	36	Marcellus
4	07/21/2021	18601.92605	18388.5765	36	Marcellus
5	07/21/2021	18350.68487	18137.3353	36	Marcellus
6	07/21/2021	18099.4437	17886.0941	36	Marcellus
7	07/22/2021	17848.20252	17634.8529	36	Marcellus
8	07/23/2021	17596.96134	17383.6118	36	Marcellus
9	07/23/2021	17345.72017	17132.3706	36	Marcellus
10	07/23/2021	17094.47899	16881.1294	36	Marcellus
11	07/23/2021	16843.23782	16629.8882	36	Marcellus
12	07/23/2021	16591.99664	16378.6471	36	Marcellus
13	07/24/2021	16340.75546	16127.4059	36	Marcellus
14	07/24/2021	16089.51429	15876.1647	36	Marcellus
15	07/24/2021	15838.27311	15624.9235	36	Marcellus
16	07/25/2021	15587.03193	15373.6824	36	Marcellus
17	07/25/2021	15335.79076	15122.4412	36	Marcellus
18	07/26/2021	15084.54958	14871.2	36	Marcellus
19	07/26/2021	14833.3084	14619.9588	36	Marcellus
20	07/27/2021	14582.06723	14368.7176	36	Marcellus
21	07/27/2021	14330.82605	14117.4765	36	Marcellus
22	07/28/2021	14079.58487	13866.2353	36	Marcellus
23	07/28/2021	13828.3437	13614.9941	36	Marcellus
24	07/28/2021	13577.10252	13363.7529	36	Marcellus
25	07/29/2021	13325.86134	13112.5118	36	Marcellus
26	07/29/2021	13074.62017	12861.2706	36	Marcellus
27	07/30/2021	12823.37899	12610.0294	36	Marcellus
28	07/30/2021	12572.13782	12358.7882	36	Marcellus
29	07/31/2021	12320.89664	12107.5471	36	Marcellus
30	07/31/2021	12069.65546	11856.3059	36	Marcellus
31	08/01/2021	11818.41429	11605.0647	36	Marcellus
32	08/01/2021	11567.17311	11353.8235	36	Marcellus
33	08/02/2021	11315.93193	11102.5824	36	Marcellus
34	08/02/2021	11064.69076	10851.3412	36	Marcellus
35	08/03/2021	10813.44958	10600.1	36	Marcellus
36	08/04/2021	10562.2084	10348.8588	36	Marcellus
37	08/04/2021	10310.96723	10097.6176	36	Marcellus
38	08/04/2021	10059.72605	9846.37647	36	Marcellus
39	08/05/2021	9808.484874	9595.13529	36	Marcellus
40	08/05/2021	9557.243697	9343.89412	36	Marcellus
41	08/06/2021	9306.002521	9092.65294	36	Marcellus
42	08/06/2021	9054.761345	8841.41176	36	Marcellus
43	08/07/2021	8803.520168	8590.17059	36	Marcellus
44	08/07/2021	8552.278992	8338.92941	36	Marcellus
45	08/07/2021	8301.037815	8087.68824	36	Marcellus
46	08/08/2021	8049.796639	7836.44706	36	Marcellus
47	08/08/2021	7798.555462	7585.20588	36	Marcellus
48	08/08/2021	7547.314286	7333.96471	36	Marcellus
49	08/09/2021	7296.073109	7082.72353	36	Marcellus
50	08/09/2021	7044.831933	6831.48235	36	Marcellus
51	08/10/2021	6793.590756	6580.24118	36	Marcellus
52	08/10/2021	6542.34958	6329	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	07/20/2021	63.87	8476	8845	3706.04	188310	204701	N/A
2	07/20/2021	80.81	8784	4955	3195	507960	381391	N/A
3	07/21/2021	77.28	8294	5256	4593	506930	483690	N/A
4	07/21/2021	82.67	8775	5288	3463	503200	371236	N/A
5	07/21/2021	83.95	8759	5117	3446	510950	372873	N/A
6	07/21/2021	83.65	8551	5457	3724	514060	368084	N/A
7	07/22/2021	81.13	8608	5912	3283	505270	354179	N/A
8	07/23/2021	84.89	8784	5717	3387	503590	348476	N/A
9	07/23/2021	84.51	8650	6354	3195	506550	350431	N/A
10	07/23/2021	83.88	8480	5829	2902	508070	349322	N/A
11	07/23/2021	83.65	8499	6654	3097	507970	347919	N/A
12	07/23/2021	83.63	8528	5604	3288	505010	348498	N/A
13	07/24/2021	84.25	8489	6749	3158	504570	354222	N/A
14	07/24/2021	84.37	8436	5483	3231	501730	350295	N/A
15	07/24/2021	84.41	8464	6895	3277	508220	349315	N/A
16	07/25/2021	84.34	8148	5214	4336	505850	376754	N/A
17	07/25/2021	84.46	8204	5371	3114	510980	366825	N/A
18	07/26/2021	83.76	8008	6208	3218	506310	364343	N/A
19	07/26/2021	84.28	8114	5619	3184	506310	366256	N/A
20	07/27/2021	83.69	8534	6520	3300	506260	369465	N/A
21	07/27/2021	83.04	8108	5570	3390	508032	362258	N/A
22	07/28/2021	84.23	8348	6901	3591	494090	348871	N/A
23	07/28/2021	84.03	8050	6699	3559	507120	353915	N/A
24	07/28/2021	85.76	8027	6263	3260	504950	350283	N/A
25	07/29/2021	83.97	7642	6415	3434	507275	349889	N/A
26	07/29/2021	80.64	7318	5639	3007	506110	349317	N/A
27	07/30/2021	82.07	7422	6427	3320	500610	351090	N/A
28	07/30/2021	84.75	7546	5803	3215	507230	380960	N/A
29	07/31/2021	84.06	7616	6372	3446	503940	377211	N/A
30	07/31/2021	83.51	7494	6987	3457	514740	380848	N/A
31	08/01/2021	84.32	7515	5149	3278	510820	371813	N/A
32	08/01/2021	84.63	7299	6852	3559	508750	377059	N/A
33	08/02/2021	84.39	7184	5996	3628	507900	377047	N/A
34	08/02/2021	85.02	6870	6168	3625	507480	376724	N/A
35	08/03/2021	82.88	6735	6246	3413	510130	460888	N/A
36	08/04/2021	83.82	6646	6235	3496	510550	375378	N/A
37	08/04/2021	83.93	6555	6091	3566	506990	371591	N/A
38	08/04/2021	84.33	6565	6965	3713	505900	377896	N/A
39	08/05/2021	83.22	6390	5290	3616	505630	377461	N/A
40	08/05/2021	84.97	6464	6564	3603	510275	383200	N/A
41	08/06/2021	84.14	6301	6032	3584	503015	379249	N/A
42	08/06/2021	69.14	5848	4917	3937.83	505000	505447	N/A
43	08/07/2021	84.27	6249	5310	3643	505980	381849	N/A
44	08/07/2021	84.02	6323	5197	3402	509460	353323	N/A
45	08/07/2021	84.16	6126	6034	3499	508450	376788	N/A
46	08/08/2021	84.73	6143	5485	3676	504545	402811	N/A
47	08/08/2021	84.76	6171	5521	3394	508380	381805	N/A
48	08/08/2021	84.57	6058	5399	3617	508020	377129	N/A
49	08/09/2021	84.61	6038	4881	3661	502680	377640	N/A
50	08/09/2021	84.12	5833	5843	3521	514465	378851	N/A
51	08/10/2021	84.32	5829	5260	3423	509090	377758	N/A
52	08/10/2021	83.86	5868	5022	3593	504960	376303	N/A
	AVG=	83	7,465	5,934	3,466	26,040,667	19,300,927	TOTAL

API 47-095-02735 Farm Name Antero Resources Corporation Well Number Roy Unit 2H

EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Siltstone, Tr Shale	100	220	100	220
Shale	220	370	220	370
Shaley Siltstone	370	430	370	430
Limestone, Tr Shale	430	490	430	490
Siltstone, Tr Shale	490	640	490	640
Silty Sandstone	640	850	640	850
Shaley Siltstone	850	1,030	850	1,030
Shale, Tr Sandstone	1,030	1,090	1,030	1,090
Silty Shale, Tr Limestone	1,090	1,150	1,090	1,150
Sandy Shale	1,150	1,270	1,150	1,270
Sandstone, Tr Shale	1,270	1,450	1,270	1,450
Sandy Shale	1,450	1,630	1,450	1,630
Shaley Limestone	1,630	1,667	1,630	1,667
Big Lime	1,697	2,205	1,667	2,205
Fifty Foot Sandstone	2,205	2,453	2,175	2,453
Gordon	2,453	2,760	2,423	2,760
Fifth Sandstone	2,760	2,852	2,730	2,852
Bayard	2,852	3,718	2,822	3,718
Speechley	3,718	3,887	3,688	3,887
Balltown	3,887	4,362	3,857	4,362
Bradford	4,362	4,696	4,332	4,696
Benson	4,696	4,896	4,666	4,897
Alexander	4,896	5,939	4,867	6,052
Sycamore	5,810	6,020	5,868	6,022
Middlesex	5,909	6,043	6,022	6,203
Burkett	5,990	0	6,203	6,277
Marcellus	6,013	0	6,277	0

*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.

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/20/2021
Job End Date:	8/9/2021
State:	West Virginia
County:	Tyler
API Number:	47-095-02735-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	ROY 2H
Latitude:	39.48592800
Longitude:	-80.97401000
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,156
Total Base Water Volume (gal):	20,009,629
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Produced Water	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	86.60273	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.08076	

MC B-8614A	MultiChem	Biocide					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				Listed Below			
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
Excelerate LX-15	Halliburton	Friction Reducer					
				Listed Below			
FLUID Enviro- Syn HCR-7000- WL	Fluid Energy Group	Acid Replacement					
				Listed Below			
HYDROCHLORI C ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			

Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.

			Crystalline silica, quartz	14808-60-7	100.00000	13.25947	
			Complex Amine Compound	Proprietary	60.00000	0.02310	
			Hydrochloric acid	7647-01-0	30.00000	0.01491	
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01155	
			Proprietary	Proprietary	20.00000	0.00700	
			Guar gum	9000-30-0	100.00000	0.00643	
			Proprietary	Proprietary	10.00000	0.00350	
			Glutaraldehyde	111-30-8	30.00000	0.00239	
			Sobitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00192	
			Surfactant	Proprietary	5.00000	0.00192	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00040	
			Ethoxylated alcohols	Proprietary	5.00000	0.00039	
			Alkoxylated polyhydric alcohol	Proprietary	1.00000	0.00038	
			Organic chloride compound	Proprietary	1.00000	0.00038	
			Ammonium persulfate	7727-54-0	100.00000	0.00012	
			Methanol	67-56-1	100.00000	0.00008	
			Ethanol	64-17-5	1.00000	0.00008	
			Oxylated phenolic resin	Proprietary	30.00000	0.00004	
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00002	
			Modified thiourea polymer	Proprietary	30.00000	0.00002	
			Propargyl alcohol	107-19-7	5.00000	0.00000	
			Hexadecene	629-73-2	5.00000	0.00000	
			Sodium glycolate	2836-32-0	0.01000	0.00000	
			Organic salt #1	Proprietary	0.01000	0.00000	

			Sodium hydroxide	1310-73-2	0.01000	0.00000	
			Organic salt #2	Proprietary	0.01000	0.00000	
			Acrylamide	79-06-1	0.01000	0.00000	
			Nitrated acetate salt	Proprietary	0.01000	0.00000	
			Formaldehyde	50-00-0	0.01000	0.00000	
			C.I. pigment Orange 5	3468-63-1	1.00000	0.00000	

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

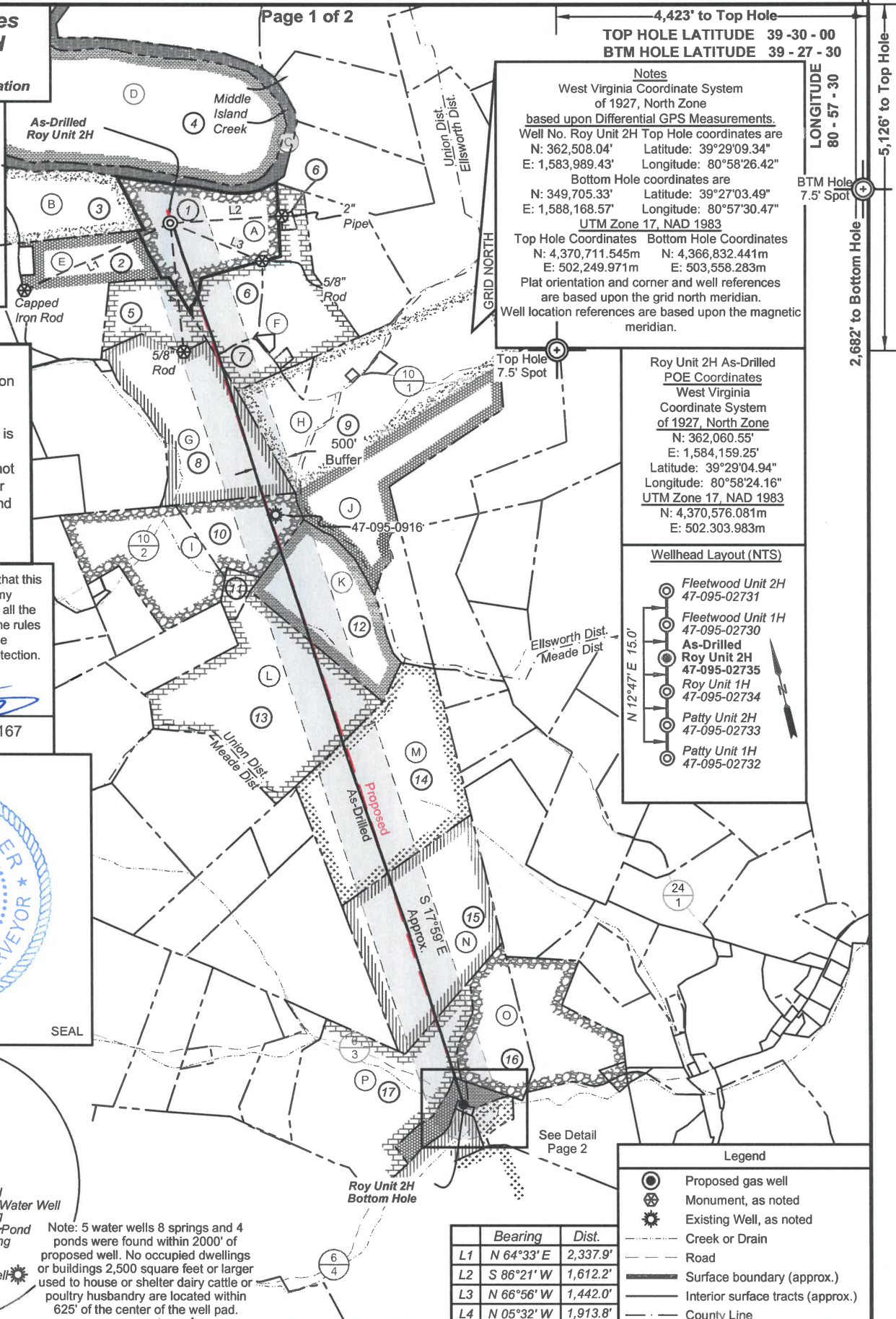
*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

37' to Bottom Hole

Antero Resources
Well No. Roy 2H
As-Driled
Antero Resources Corporation



4,423' to Top Hole
TOP HOLE LATITUDE 39-30-00
BTM HOLE LATITUDE 39-27-30

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Roy Unit 2H Top Hole coordinates are
N: 362,508.04' Latitude: 39°29'09.34"
E: 1,583,989.43' Longitude: 80°58'26.42"
Bottom Hole coordinates are
N: 349,705.33' Latitude: 39°27'03.49"
E: 1,588,168.57' Longitude: 80°57'30.47"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,370,711.545m N: 4,366,832.441m
E: 502,249.971m E: 503,558.283m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

LONGITUDE 80 - 57 - 30
BTM Hole 7.5' Spot
5,126' to Top Hole
2,662' to Bottom Hole

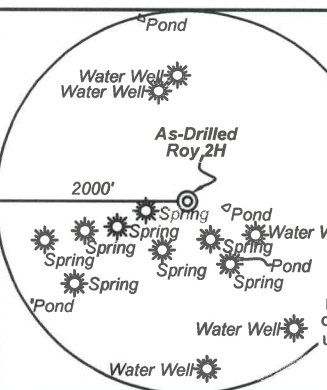
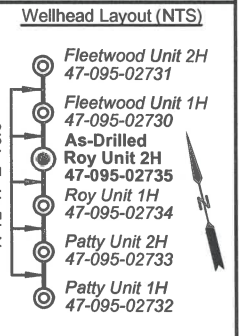
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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, P.S. 2167



Roy Unit 2H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 362,060.55'
E: 1,584,159.25'
Latitude: 39°29'04.94"
Longitude: 80°58'24.16"
UTM Zone 17, NAD 1983
N: 4,370,576.081m
E: 502.303.983m



Note: 5 water wells 8 springs and 4 ponds 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.

	Bearing	Dist.
L1	N 64°33' E	2,337.9'
L2	S 86°21' W	1,612.2'
L3	N 66°56' W	1,442.0'
L4	N 05°32' W	1,913.8'

Legend

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

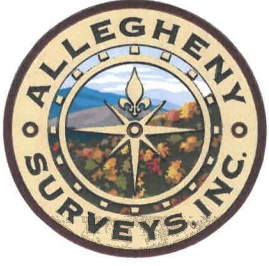
FILE NO: 07-54-U-16
DRAWING NO: Roy Unit 2H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: November 11 2021
OPERATOR'S WELL NO. Roy 2H
API WELL NO
47 - 095 - 02735
STATE COUNTY PERMIT

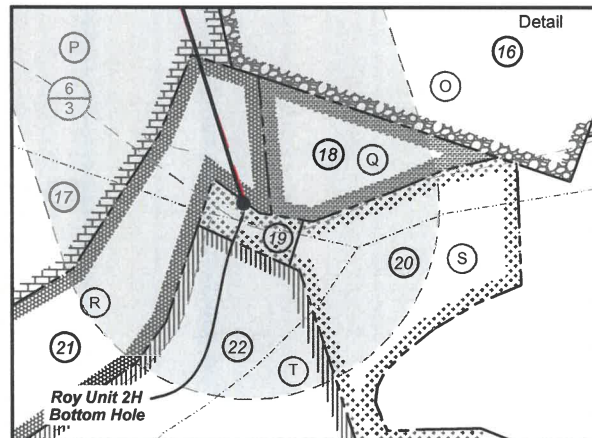
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built 883' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne
DISTRICT: Union/Meade COUNTY: Tyler
SURFACE OWNER: Antero Resources Corp. Barbara J. Anderson; Edwin Ernest Weber, Jr., et ux; Jeffrey S. Anderson, et ux; JayBee Production Co.; Donald M. Thomas, et ux; Joseph B. Thomas (2); Everett Harris; ACREAGE: 60.38
ROYALTY OWNER: Berna J. Hammel; J&N Management Enterprises, LLC; Bowen Family Irrevocable Trust; LEASE NO: ACREAGE: 6.82; 102.47; 109.42; 60.38; 107.929; 82 90.24; 51; 115.88; 117.44; 97.9
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,135' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,303' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313



Leases	
A	Berna J. Hammel
B	Maurice C. Grove
C	OPEN
D	OPEN
E	Sally & Mitchell Dunn
F	J&N Management Enterprises, LLC
G	Bowen Family Irrevocable Trust
H	Charlotte A. Weise
I	Donald M. Thomas, et ux
J	Lora Keller Thomas
K	Joseph B. Thomas
L	Everett Harris
M	Joseph B. Thomas
N	JayBee Production Co.
O	Danny J. Nagle, et ux
P	Edwin Ernest Weber, Jr., et ux
Q	Heritage Resources-Marcellus Minerals, LLC
R	Barbara J. Anderson
S	Jeffrey S. Anderson, et ux
T	Golden Eagle Resources II, LLC

ID	TM/Par	Owner	Bk/Pg	Acres
1	10-4.1	Antero Resources Corporation	OR12/739	60.38
2	10-4	Kevin L. & Tammy J. Thomas	OR7/290	32.22
3	9-9.1	Jennifer K. & Diane M. Thomas	AR46/754	40.00
4	9-4	Steven D. Zechman & Linda M. Jensen	348/422	250.00
5	10-5.3	Richard Daniel Bowen	344/814	25.93
6	10-5.5	Bowen Family Irrevocable Trust	372/303	22.89
7	10-5.4	Richard Daniel Bowen	344/814	9.51
8	10-9	Bowen Family Irrevocable Trust	370/750	82.00
9	10-10	Lora K. & Kenneth Thomas	201/359	307.06
10	10-10.1	Donald Thomas	WB21/443	33.88
11	14-3	Everett Harris	225/67	6.00
12	14-4	Joseph Thomas	WB21/443	51.00
13	14-2	Everett E. Harris, et al	281/483	109.88
14	2-1	Joseph Ben Thomas	155/439	117.01
15	2-11	Edwin E. Jr. & Kathleen F. Weber	355/268	97.90
16	2-36.1	Orval J. & Flora A. Sizemore	255/51	33.31
17	2-43	Edwin E. Jr. & Kathleen F. Weber	294/578	100.50
18	2-38	Jason A. Hickman	572/842	2.36
19	2-41	Jeffrey S. & Sharon D. Anderson	343/419	0.42
20	2-40	Jeffrey S. & Sharon D. Anderson	343/419	54.00
21	2-39	Barbara J. Anderson	370/340	6.82
22	2-42.1	Seth Gennett & Jessica B. Rice	367/193	15.37



FILE NO: 07-54-U-16
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