

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

API 47-095-02734 County Tyler District Union/Meade
Quad Middlebourne Pad Name Roma Lou Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Roy 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 4370706m Easting 502249m
Landing Point of Curve Northing 4370221.95m Easting 502085.01m
Bottom Hole Northing 4367721m Easting 502969m

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 5/8/2021 Date drilling ceased 6/16/2021
Date completion activities began 7/19/2021 Date completion activities ceased 9/2/2021
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:

WR-35
Rev. 8/23/13

API 47-095 - 02734 Farm name Antero Resources Corporation Well number Roy 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	24"	20"	80'	New	94#, H-40	N/A	Y
Surface	17-1/2"	13-3/8"	360'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2566'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	15982'	New	20#, P-100	N/A	Y
Tubing		2-3/8"	6316'		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	15.8	1.20	93	0'	8 Hrs.
Coal							
Intermediate 1	Class A	889 sx	15.8	1.17	183	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	792 sx (Lead) 2653 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.4 (Lead), 1.32 (Tail)	534	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 16032' MD, 6142' TVD (BHL), 6142' (Deepest Point Drilled) Loggers TD (ft) 16032' MD

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

Plug back procedure N/A

Kick off depth (ft) 5473'

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 - 02734 Farm name Antero Resources Corporation Well number Roy Unit 1H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Marcellus</u>	<u>6001' (TOP)</u> TVD	<u>6364' (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 10016 mcfpd Oil 248 bpd NGL --- bpd Water 929 bpd GAS MEASURED BY Estimated Orifice Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP</u>		<u>BOTTOM</u>		<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>DEPTH IN FT NAME TVD</u>	<u>DEPTH IN FT TVD</u>	<u>DEPTH IN FT MD</u>	<u>DEPTH IN FT MD</u>	

***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 Brand Hankins Telephone 303-357-7223
Signature  Title Completions Technician Date 3/31/22

API 47-095-02734 Farm Name Antero Resources Well Number Roy Unit 1H

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	07/19/2021	15911.3	15871.3	36	Marcellus
2	07/25/2021	15829.60541	15612.6378	36	Marcellus
3	07/25/2021	15574.14324	15357.1757	36	Marcellus
4	07/26/2021	15318.68108	15101.7135	36	Marcellus
5	07/26/2021	15063.21892	14846.2514	36	Marcellus
6	07/27/2021	14807.75676	14590.7892	36	Marcellus
7	07/27/2021	14552.29459	14335.327	36	Marcellus
8	07/28/2021	14296.83243	14079.8649	36	Marcellus
9	07/28/2021	14041.37027	13824.4027	36	Marcellus
10	07/28/2021	13785.90811	13568.9405	36	Marcellus
11	07/29/2021	13530.44595	13313.4784	36	Marcellus
12	07/29/2021	13274.98378	13058.0162	36	Marcellus
13	07/30/2021	13019.52162	12802.5541	36	Marcellus
14	07/30/2021	12764.05946	12547.0919	36	Marcellus
15	07/31/2021	12508.5973	12291.6297	36	Marcellus
16	07/31/2021	12253.13514	12036.1676	36	Marcellus
17	08/01/2021	11997.67297	11780.7054	36	Marcellus
18	08/01/2021	11742.21081	11525.2432	36	Marcellus
19	08/02/2021	11486.74865	11269.7811	36	Marcellus
20	08/02/2021	11231.28649	11014.3189	36	Marcellus
21	08/03/2021	10975.82432	10758.8568	36	Marcellus
22	08/04/2021	10720.36216	10503.3946	36	Marcellus
23	08/04/2021	10464.9	10247.9324	36	Marcellus
24	08/04/2021	10209.43784	9992.47027	36	Marcellus
25	08/05/2021	9953.975676	9737.00811	36	Marcellus
26	08/05/2021	9698.513514	9481.54595	36	Marcellus
27	08/06/2021	9443.051351	9226.08378	36	Marcellus
28	08/06/2021	9187.589189	8970.62162	36	Marcellus
29	08/07/2021	8932.127027	8715.15946	36	Marcellus
30	08/07/2021	8676.664865	8459.6973	36	Marcellus
31	08/07/2021	8421.202703	8204.23514	36	Marcellus
32	08/08/2021	8165.740541	7948.77297	36	Marcellus
33	08/08/2021	7910.278378	7693.31081	36	Marcellus
34	08/08/2021	7654.816216	7437.84865	36	Marcellus
35	08/09/2021	7399.354054	7182.38649	36	Marcellus
36	08/09/2021	7143.891892	6926.92432	36	Marcellus
37	08/10/2021	6888.42973	6671.46216	36	Marcellus
38	08/10/2021	6632.967568	6416	36	Marcellus

API 47-095-02734 Farm Name Antero Resources Corporation Well Number Roy 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	07/19/2021	75.04	8481	6786	4066.17	184030	189446	N/A
2	07/25/2021	84.44	8291	5560	4200	505850	376364	N/A
3	07/25/2021	84.46	8399	5073	3331	510980	366566	N/A
4	07/26/2021	83.97	8117	5358	3081	506310	366195	N/A
5	07/26/2021	84.31	8018	5203	3138	506310	367388	N/A
6	07/27/2021	83.38	8277	5444	3350	506260	370294	N/A
7	07/27/2021	82.93	8349	5481	3155.21	508032	361657	N/A
8	07/28/2021	84.13	8436	7348	3659	494090	348696	N/A
9	07/28/2021	84.13	8128	5221	3517.22	507120	354534	N/A
10	07/28/2021	84.96	8095	5384	3889	504950	348607	N/A
11	07/29/2021	83.94	7873	5209	3698	507275	350209	N/A
12	07/29/2021	80.85	7507	5686	3274	506110	348861	N/A
13	07/30/2021	81.95	7469	5204	3795	500610	350497	N/A
14	07/30/2021	84.53	7623	6137	3474	507230	379780	N/A
15	07/31/2021	83.94	7678	5362	3550	503940	376995	N/A
16	07/31/2021	83.58	7535	5789	3455	514740	380808	N/A
17	08/01/2021	84.24	7525	6188	3424	510820	371390	N/A
18	08/01/2021	84.37	7278	6494	3504	508750	375274	N/A
19	08/02/2021	84.49	7124	5906	3535	507900	377439	N/A
20	08/02/2021	84.46	7020	6768	3464	507480	373620	N/A
21	08/03/2021	82.92	6842	5532	3703	510130	459592	N/A
22	08/04/2021	83.5	6818	6181	3484	510550	375303	N/A
23	08/04/2021	84.1	6735	5890	3577	506990	372292	N/A
24	08/04/2021	84.05	6794	6741	3468	505900	378550	N/A
25	08/05/2021	81.17	6539	5190	3778	505630	377878	N/A
26	08/05/2021	84.91	6790	7238	3563	510275	383006	N/A
27	08/06/2021	84.3	6640	5589	3727	503015	379410	N/A
28	08/06/2021	69.92	6175	5459	4254	505000	499452	N/A
29	08/07/2021	84.36	6553	5221	4086	505980	381845	N/A
30	08/07/2021	84.08	6546	5579	3916	509460	353271	N/A
31	08/07/2021	83.98	6462	5620	3920	508450	376591	N/A
32	08/08/2021	84.66	6454	5290	4047	504544	402924	N/A
33	08/08/2021	84.84	6407	5385	3769	508380	382983	N/A
34	08/08/2021	84.41	6424	5286	3826	508020	376638	N/A
35	08/09/2021	83.17	6248.28	5377.64	3725.03	502680	378907	N/A
36	08/09/2021	84.08	6220	5242	3911	514464	379663	N/A
37	08/10/2021	83.84	6160	5435	3774	509090	376190	N/A
38	08/10/2021	83.74	5956	5873	3808.42	504960	375901	N/A
	AVG=	83	7,210	5,730	3,655	18,942,305	14,145,016	TOTAL

API 47-095-02734 Farm Name Antero Resources Corporation Well Number Roy Unit 1H

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	1,659	1,630	1,662
Big Lime	1,689	2,202	1,662	2,204
Fifty Foot Sandstone	2,202	2,448	2,174	2,451
Gordon	2,448	2,755	2,421	2,758
Fifth Sandstone	2,755	2,857	2,728	2,861
Bayard	2,857	3,710	2,831	3,746
Speechley	3,710	3,883	3,716	3,927
Balltown	3,883	4,359	3,897	4,426
Bradford	4,359	4,714	4,396	4,797
Benson	4,714	4,926	4,767	5,020
Alexander	4,926	5,928	4,990	6,145
Sycamore	5,799	6,008	5,963	6,115
Middlesex	5,898	6,031	6,115	6,294
Burkett	5,978	0	6,294	6,364
Marcellus	6,001	0	6,364	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:	7/19/2021
Job End Date:	8/10/2021
State:	West Virginia
County:	Tyler
API Number:	47-095-02734-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	ROY 1H
Latitude:	39.48588600
Longitude:	-80.97401700
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,141
Total Base Water Volume (gal):	14,528,710
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	86.58743	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.08049	

MC B-8614A	MultiChem	Biocide					
				Listed Below			
FLUID Enviro-Syn HCR-7000-WL	Fluid Energy Group	Acid Replacement					
				Listed Below			
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				Listed Below			
Excelerate LX-15	Halliburton	Friction Reducer					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				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	13.28134
			Complex Amine Compound	Proprietary	60.00000	0.01886
			Hydrochloric acid	7647-01-0	30.00000	0.01610
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.00943
			Proprietary	Proprietary	20.00000	0.00660
			Guar gum	9000-30-0	100.00000	0.00501
			Proprietary	Proprietary	10.00000	0.00330
			Glutaraldehyde	111-30-8	30.00000	0.00238
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00157
			Surfactant	Proprietary	5.00000	0.00157
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00040
			Ethoxylated alcohols	Proprietary	5.00000	0.00032
			Organic chloride compound	Proprietary	1.00000	0.00031
			Alkoxylated polyhydric alcohol	Proprietary	1.00000	0.00031
			Ammonium persulfate	7727-54-0	100.00000	0.00009
			Methanol	67-56-1	100.00000	0.00009
			Ethanol	64-17-5	1.00000	0.00008
			Oxylated phenolic resin	Proprietary	30.00000	0.00003
			Modified thiourea polymer	Proprietary	30.00000	0.00003
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00003
			Propargyl alcohol	107-19-7	5.00000	0.00000
			Hexadecene	629-73-2	5.00000	0.00000
			Organic salt #2	Proprietary	0.01000	0.00000
			Nitrated acetate salt	Proprietary	0.01000	0.00000

			Formaldehyde	50-00-0	0.01000	0.00000	
			Organic salt #1	Proprietary	0.01000	0.00000	
			Acrylamide	79-06-1	0.01000	0.00000	
			Sodium glycolate	2836-32-0	0.01000	0.00000	
			Sodium hydroxide	1310-73-2	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)

2,066' to Bottom Hole

LATITUDE 39-30-00

LONGITUDE 80-57-30

5,141' to Top Hole

14,939' to Bottom Hole

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



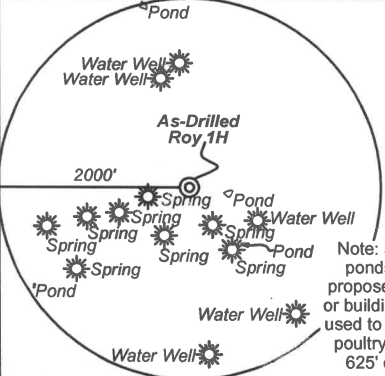
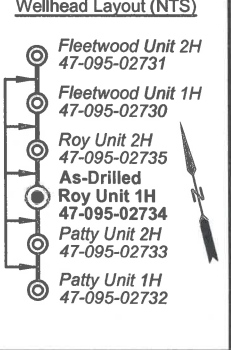
Notes
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Roy Unit 1H Top Hole coordinates are
N: 362,493.15' Longitude: 39°29'09.19"
E: 1,583,986.11' Longitude: 80°58'26.46"
Bottom Hole coordinates are
N: 352,658.22' Longitude: 39°27'32.35"
E: 1,586,187.05' Longitude: 80°57'56.34"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,370,706.992m N: 4,367,721.957m
E: 502,249.035m E: 502,969.588m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegany 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

Roy Unit 1H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 361,815.10'
E: 1,583,203.90'
Latitude: 39°29'02.36"
Longitude: 80°58'36.29"
UTM Zone 17, NAD 1983
N: 4,370,496.436m
E: 502,014.182m



Bearing	Dist.
L1 N 64°51' E	2,328.6'
L2 S 85°50' W	1,616.5'
L3 N 67°32' W	1,439.3'
L4 N 05°41' W	1,899.3'

- 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 1H As-Drilled
SCALE: 1" = 1500'
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 1H
API WELL NO
47 - 095 - 02734
STATE COUNTY PERMIT

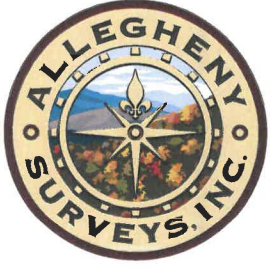
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 883' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne
DISTRICT: Union/Meade COUNTY: Tyler

SURFACE OWNER: Antero Resources Corp. Joshua Botkins; Sally & Mitchell Dunn; Maurice C. Groves; Donald M. Thomas, et ux (2); Everett Harris; Brady Carol Shinn; ACREAGE: 60.38 98.5; 36.225; 15; 96; 60.38; 107.929; 82;
ROYALTY OWNER: Berna J. Hammel; J&N Management Enterprises, LLC; Bowen Family Irrevocable Trust; LEASE NO: ACREAGE: 90.24; 27.25; 115.88;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,142' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,032' 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



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	10-5.3	Richard Daniel Bowen	344/814	25.93
5	9-16	Billy D. & Roma L. Hart	154/569	20.00
6	10-6	James F. & Sarah K. Boley	321/745	1.00
7	10-9	Bowen Family Irrevocable Trust	370/750	82.00
8	10-7	Michael D. & Carol Wise	349/420	71.70
9	10-8	Don M. & Montana Thomas	136/131	56.36
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	14-1	Donald Marvin & Montana Thomas	215/271	27.25
14	14-2	Everett E. Harris, et al	281/483	109.88
15	2-8	Roy F. Gorrell	415/82	68.66
16	2-6	Barnett Shinn Estate	WB23/146	15.00
17	2-1	Joseph Ben Thomas	155/439	117.01
18	2-11	Edwin E. Jr. & Kathleen F. Weber	355/268	97.90
19	2-10	Joshua D. Botkins	399/327	96.00

Leases	
A	Berna J. Hammel
B	Maurice C. Grove
C	Sally & Mitchell Dunn
D	Roma Hart
E	J&N Management Enterprises, LLC
F	Richard A. Danser
G	Michael D. & Carol Wise
H	Bowen Family Irrevocable Trust
I	Donald M. Thomas, et ux
J	Joseph B. Thomas
K	Donald M. Thomas, et ux
L	Everett Harris
M	Paula D. Garvey
N	Brady Carol Shinn
O	Joseph B. Thomas
P	JayBee Production Co.
Q	Joshua Botkins

FILE NO: 07-54-U-16
 DRAWING NO: Roy Unit 1H As-Drilled
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 WVDOT, Harrisville, WV



DATE: November 11 2021
 OPERATOR'S WELL NO. Roy 1H
 API WELL NO
 47 - 095 - 02734
 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. Joshua Botkins; Sally & Mitchell Dunn; Maurice C. Groves; ACREAGE: 60.38 98.5; 36.225; 15; 96;
 Donald M. Thomas, et ux (2); Everett Harris; Brady Carol Shinn; 60.38; 107.929; 82;

ROYALTY OWNER: Berna J. Hammel; J&N Management Enterprises, LLC; Bowen Family Irrevocable Trust; LEASE NO: ACREAGE: 90.24; 27.25; 115.88;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,142' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,032' 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