

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

API 47 - 095 - 02730 County Tyler District Union/Meade  
Quad Middlebourne Pad Name Roma Lou Field/Pool Name -----  
Farm name Antero Resources Corporation Well Number Fleetwood 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 4370715m Easting 502250m  
Landing Point of Curve Northing 4370598.50m Easting 502594.90m  
Bottom Hole Northing 4366928m Easting 503872m

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 5/12/2021 Date drilling ceased 6/1/2021  
Date completion activities began 7/20/2021 Date completion activities ceased 8/20/2021  
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 - 02730 Farm name Antero Resources Corporation Well number Fleetwood 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"	2562'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	19379'	New	20#, P-100	N/A	Y
Tubing		2-3/8"	6311'		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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Class A	351 sx	15.6	1.18	75	0'	8 Hrs.
Surface	Class A	460 sx	15.6	1.20	93	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) 2968 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.4 (Lead), 1.32 (Tail)	689	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 19429' MD, 6117' TVD (BHL), 6145' (Deepest Point Drilled) Loggers TD (ft) 19429' MD  
 Deepest formation penetrated Marcellus Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) 5500'

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

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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
<b>*PLEASE SEE ATTACHED EXHIBIT 1</b>					

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)
<b>*PLEASE SEE ATTACHED EXHIBIT 2</b>								

Please insert additional pages as applicable.

API 47- 095 - 02730 Farm name Antero Resources Corporation Well number Fleetwood Unit 1H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
Marcellus	6021' (TOP) TVD	6362' (TOP) 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 16939 mcfpd Oil 416 bpd NGL --- bpd Water 1427 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 <sub>2</sub> 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 Hanks 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	19312.7	19270.5	36	Marcellus
2	07/20/2021	19229.29636	19015.2745	36	Marcellus
3	07/21/2021	18977.27087	18763.249	36	Marcellus
4	07/21/2021	18725.24538	18511.2235	36	Marcellus
5	07/21/2021	18473.21989	18259.198	36	Marcellus
6	07/21/2021	18221.1944	18007.1725	36	Marcellus
7	07/22/2021	17969.16891	17755.1471	36	Marcellus
8	07/23/2021	17717.14342	17503.1216	36	Marcellus
9	07/23/2021	17465.11793	17251.0961	36	Marcellus
10	07/23/2021	17213.09244	16999.0706	36	Marcellus
11	07/23/2021	16961.06695	16747.0451	36	Marcellus
12	07/23/2021	16709.04146	16495.0196	36	Marcellus
13	07/24/2021	16457.01597	16242.9941	36	Marcellus
14	07/24/2021	16204.99048	15990.9686	36	Marcellus
15	07/24/2021	15952.96499	15738.9431	36	Marcellus
16	07/25/2021	15700.9395	15486.9176	36	Marcellus
17	07/25/2021	15448.91401	15234.8922	36	Marcellus
18	07/26/2021	15196.88852	14982.8667	36	Marcellus
19	07/26/2021	14944.86303	14730.8412	36	Marcellus
20	07/27/2021	14692.83754	14478.8157	36	Marcellus
21	07/27/2021	14440.81204	14226.7902	36	Marcellus
22	07/28/2021	14188.78655	13974.7647	36	Marcellus
23	07/28/2021	13936.76106	13722.7392	36	Marcellus
24	07/29/2021	13684.73557	13470.7137	36	Marcellus
25	07/29/2021	13432.71008	13218.6882	36	Marcellus
26	07/30/2021	13180.68459	12966.6627	36	Marcellus
27	07/30/2021	12928.6591	12714.6373	36	Marcellus
28	07/31/2021	12676.63361	12462.6118	36	Marcellus
29	07/31/2021	12424.60812	12210.5863	36	Marcellus
30	07/31/2021	12172.58263	11958.5608	36	Marcellus
31	08/01/2021	11920.55714	11706.5353	36	Marcellus
32	08/02/2021	11668.53165	11454.5098	36	Marcellus
33	08/02/2021	11416.50616	11202.4843	36	Marcellus
34	08/03/2021	11164.48067	10950.4588	36	Marcellus
35	08/03/2021	10912.45518	10698.4333	36	Marcellus
36	08/04/2021	10660.42969	10446.4078	36	Marcellus
37	08/04/2021	10408.4042	10194.3824	36	Marcellus
38	08/05/2021	10156.37871	9942.35686	36	Marcellus
39	08/05/2021	9904.353221	9690.33137	36	Marcellus
40	08/06/2021	9652.327731	9438.30588	36	Marcellus
41	08/06/2021	9400.302241	9186.28039	36	Marcellus
42	08/07/2021	9148.276751	8934.2549	36	Marcellus
43	08/07/2021	8896.251261	8682.22941	36	Marcellus
44	08/07/2021	8644.22577	8430.20392	36	Marcellus
45	08/07/2021	8392.20028	8178.17843	36	Marcellus
46	08/08/2021	8140.17479	7926.15294	36	Marcellus
47	08/08/2021	7888.1493	7674.12745	36	Marcellus
48	08/09/2021	7636.12381	7422.10196	36	Marcellus
49	08/09/2021	7384.098319	7170.07647	36	Marcellus
50	08/10/2021	7132.072829	6918.05098	36	Marcellus
51	08/10/2021	6880.047339	6666.02549	36	Marcellus
52	08/10/2021	6628.021849	6414	36	Marcellus

API 47-095-02730 Farm Name Antero Resources Corporation Well Number Fleetwood 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	07/20/2021	71.35	8965	6284	4496	185695	207379	N/A
2	07/20/2021	80.59	8632	6657	3838	507960	379873	N/A
3	07/21/2021	77.35	8305	5250	4413	506930	485022	N/A
4	07/21/2021	82.73	8783	5111	3249.12	503200	370352	N/A
5	07/21/2021	83.91	8734	5147	3620.68	510950	373520	N/A
6	07/21/2021	83.82	8524	4974	3745	514060	369650	N/A
7	07/22/2021	80.9	8493	5074	3334	505270	353205	N/A
8	07/23/2021	85.08	8707	7074	3260	503590	348505	N/A
9	07/23/2021	85.26	8450	4319	2913	506550	350761	N/A
10	07/23/2021	83.89	8501	6698	3204	508070	349293	N/A
11	07/23/2021	83.64	8475	7062	3221	507970	348206	N/A
12	07/23/2021	83.54	8509	5317	3287	505010	348318	N/A
13	07/24/2021	84.52	8449	5094	3742	504570	357480	N/A
14	07/24/2021	84.3	8377	7316	3176	501730	348082	N/A
15	07/24/2021	84.16	8280	6748	3388	508220	347836	N/A
16	07/25/2021	84.22	8125	5227	3774	506560	361454	N/A
17	07/25/2021	83.42	8213	5258	3557	505410	361271	N/A
18	07/26/2021	84.26	8146	5060	3376	505010	361396	N/A
19	07/26/2021	84.73	8253	5601	3434	508290	362837	N/A
20	07/27/2021	82.79	8284	5801	3047	492180	361573	N/A
21	07/27/2021	84.17	8304	5846	3004	502910	349456	N/A
22	07/28/2021	84.5	8318	5207	3069	505840	352316	N/A
23	07/28/2021	83.85	7921	6421	3122	505470	345684	N/A
24	07/29/2021	84.63	7747	6225	3434	510520	341789	N/A
25	07/29/2021	77.47	7326	5855	3250	506870	343105	N/A
26	07/30/2021	84.58	7669	6418	3247	503540	342694	N/A
27	07/30/2021	83.93	7387	6465	3416	505580	379356	N/A
28	07/31/2021	84.92	7480	6542	3320	508210	375790	N/A
29	07/31/2021	84.13	7495	7022	2896	505240	374981	N/A
30	07/31/2021	81.44	7347	7695	3264	513630	368222	N/A
31	08/01/2021	84.4	7333	7136	3271	511910	372886	N/A
32	08/02/2021	84.5	7153	7502	3349	508550	375726	N/A
33	08/02/2021	84.22	7184	6810	3538	506690	375738	N/A
34	08/03/2021	84.68	6763	7880	3637	467221	371216	N/A
35	08/03/2021	81.71	6517	6514	3524	424340	369012	N/A
36	08/04/2021	84.25	6620	7321	3539	517650	371386	N/A
37	08/04/2021	83.13	6597	5825	3652	514940	365497	N/A
38	08/05/2021	84.35	6557	6744	3887	508970	373938	N/A
39	08/05/2021	83.79	6458	5283	3796	508350	373461	N/A
40	08/06/2021	84.43	6483	6115	4030	508180	373278	N/A
41	08/06/2021	84.12	6462	5440	3821	506950	377283	N/A
42	08/07/2021	84.05	6475	5451	4054	506320	385148	N/A
43	08/07/2021	84.11	6427	5402	3985	507510	381261	N/A
44	08/07/2021	84.21	6314	5825	3856	507020	343805	N/A
45	08/07/2021	84.32	6279	4253	3680	510220	376034	N/A
46	08/08/2021	84.12	6086	4489	3502	513160	379954	N/A
47	08/08/2021	84.45	6203	5207	3503	508940	384920	N/A
48	08/09/2021	84.41	6033	5242	3689	505620	378962	N/A
49	08/09/2021	84.9	6131	5117	3733	507920	380796	N/A
50	08/10/2021	84.56	6036	5284	3728	504960	376283	N/A
51	08/10/2021	83.63	5996	4991	3708	503410	375818	N/A
52	08/10/2021	83.8	5911	5877	3401	492810	371449	N/A
	AVG=	<b>83</b>	<b>7,466</b>	<b>5,932</b>	<b>3,519</b>	<b>25,916,676</b>	<b>18,953,257</b>	TOTAL

**API 47-095-02730 Farm Name Antero Resources Corporation Well Number Fleetwood 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	1,652	1,630	1,654
Big Lime	1,682	2,189	1,654	2,192
Fifty Foot Sandstone	2,189	2,451	2,162	2,453
Gordon	2,451	2,756	2,423	2,759
Fifth Sandstone	2,756	2,850	2,729	2,853
Bayard	2,850	3,704	2,823	3,746
Speechley	3,704	3,866	3,716	3,919
Balltown	3,866	4,348	3,889	4,422
Bradford	4,348	4,674	4,392	4,762
Benson	4,674	4,886	4,732	4,984
Alexander	4,886	5,946	4,954	6,176
Sycamore	5,817	6,026	6,003	6,146
Middlesex	5,916	6,051	6,146	6,297
Burkett	5,996	0	6,297	6,362
Marcellus	6,021	0	6,362	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:	8/10/2021
State:	West Virginia
County:	Tyler
API Number:	47-095-02730-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	FLEETWOOD 1H
Latitude:	39.48596700
Longitude:	-80.97399400
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,145
Total Base Water Volume (gal):	19,678,602
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	86.46571	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.08008	





WG-36 GELLING AGENT	Halliburton	Gelling Agent								
					Listed Below					
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent								
					Listed Below					
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					
FLUID Enviro-Syn HCR-7000-WL	Fluid Energy Group	Acid Replacement								
					Listed Below					
HAI-501	Halliburton	Acid Corrosion Inhibitor								
					Listed Below					
Exceletrate LX-15	Halliburton	Friction Reducer								
					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	13.39709	
				Complex Amine Compound	Proprietary	60.00000	0.02327	
				Hydrochloric acid	7647-01-0	30.00000	0.01468	
				Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01163	
				Proprietary	Proprietary	20.00000	0.00705	
				Guar gum	9000-30-0	100.00000	0.00616	
				Proprietary	Proprietary	10.00000	0.00353	
				Glutaraldehyde	111-30-8	30.00000	0.00236	
				Surfactant	Proprietary	5.00000	0.00194	
				Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00194	
				Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00039	
				Ethoxylated alcohols	Proprietary	5.00000	0.00039	
				Alkoxyated polyhydric alcohol	Proprietary	1.00000	0.00039	
				Organic chloride compound	Proprietary	1.00000	0.00039	
				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	
				Modified thiourea polymer	Proprietary	30.00000	0.00002	
				Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00002	
				Propargyl alcohol	107-19-7	5.00000	0.00000	
				Hexadecene	629-73-2	5.00000	0.00000	
				Nitrated acetate salt	Proprietary	0.01000	0.00000	
				Organic salt #2	Proprietary	0.01000	0.00000	

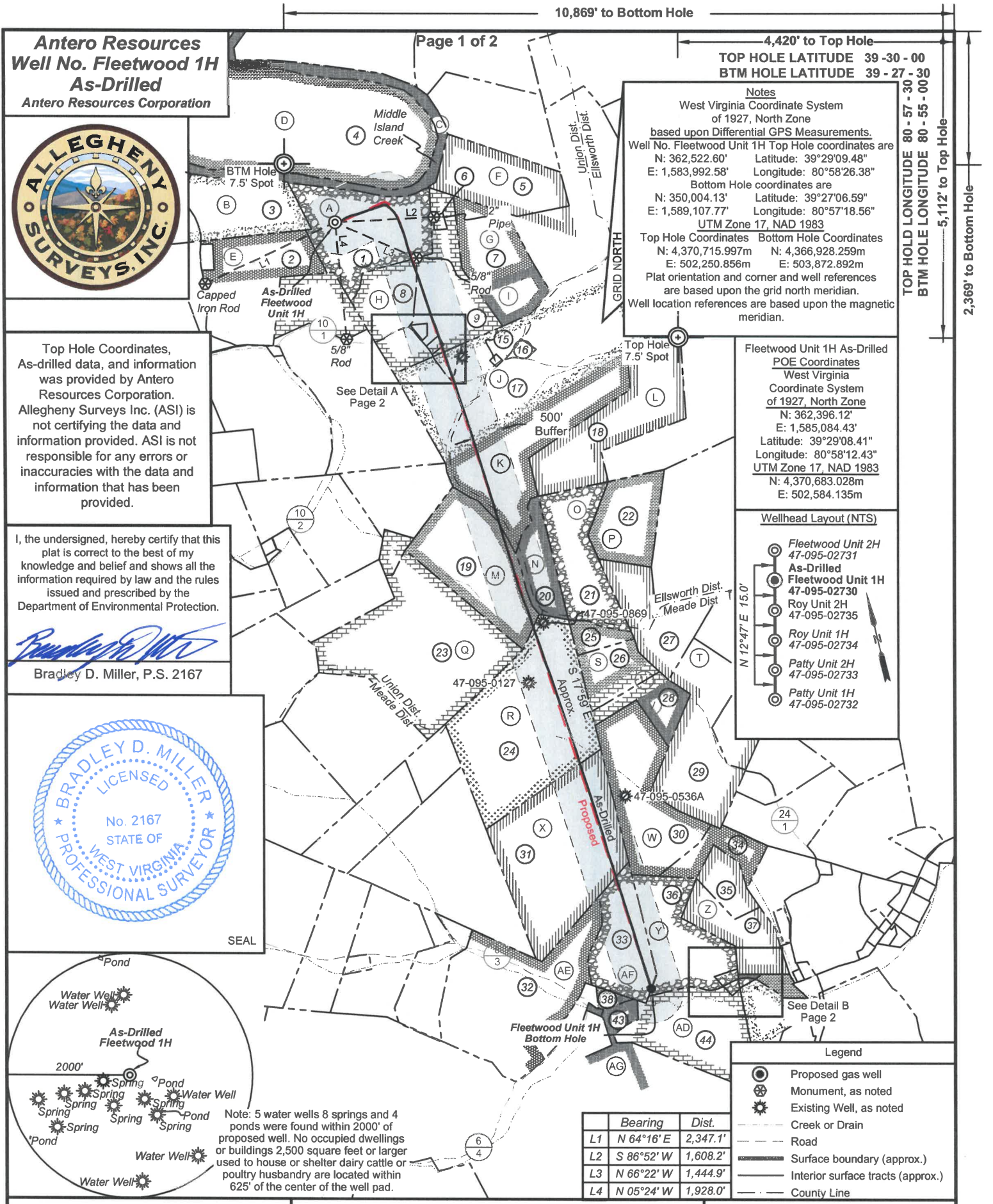
				Organic salt #1	Proprietary	0.01000	0.00000
				Sodium hydroxide	1310-73-2	0.01000	0.00000
				Acrylamide	79-06-1	0.01000	0.00000
				Formaldehyde	50-00-0	0.01000	0.00000
				Sodium glycolate	2836-32-0	0.01000	0.00000
				C.I. pigment Orange 5	3468-63-1	1.00000	0.00000

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

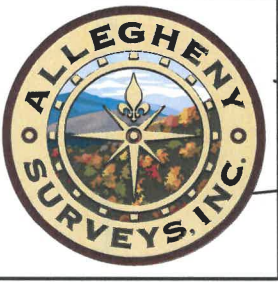
\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

\*\*\* 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)



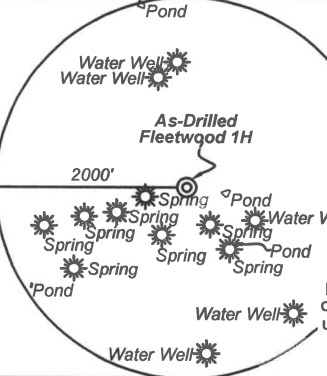
**Antero Resources**  
**Well No. Fleetwood 1H**  
**As-Drilled**  
 Antero Resources Corporation



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



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.

10,869' to Bottom Hole

4,420' to Top Hole

TOP HOLE LATITUDE 39 - 30 - 00  
 BTM HOLE LATITUDE 39 - 27 - 30

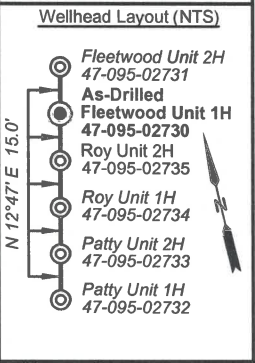
TOP HOLE LONGITUDE 80 - 57 - 30  
 BTM HOLE LONGITUDE 80 - 55 - 00

2,369' to Bottom Hole

5,112' to Top Hole

**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Fleetwood Unit 1H Top Hole coordinates are  
 N: 362,522.60' Latitude: 39°29'09.48"  
 E: 1,583,992.58' Longitude: 80°58'26.38"  
 Bottom Hole coordinates are  
 N: 350,004.13' Latitude: 39°27'06.59"  
 E: 1,589,107.77' Longitude: 80°57'18.56"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,370,715.997m N: 4,366,928.259m  
 E: 502,250.856m E: 503,872.892m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Fleetwood Unit 1H As-Drilled POE Coordinates**  
 West Virginia Coordinate System of 1927, North Zone  
 N: 362,396.12'  
 E: 1,585,084.43'  
 Latitude: 39°29'08.41"  
 Longitude: 80°58'12.43"  
 UTM Zone 17, NAD 1983  
 N: 4,370,683.028m  
 E: 502,584.135m



	Bearing	Dist.
L1	N 64°16' E	2,347.1'
L2	S 86°52' W	1,608.2'
L3	N 66°22' W	1,444.9'
L4	N 05°24' W	1,928.0'

- 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: 204-54-E-19  
 DRAWING NO: Fleetwood Unit 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: November 11 2021  
 OPERATOR'S WELL NO. Fleetwood 1H  
 API WELL NO  
 47 - 095 - 02730  
 STATE COUNTY PERMIT

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

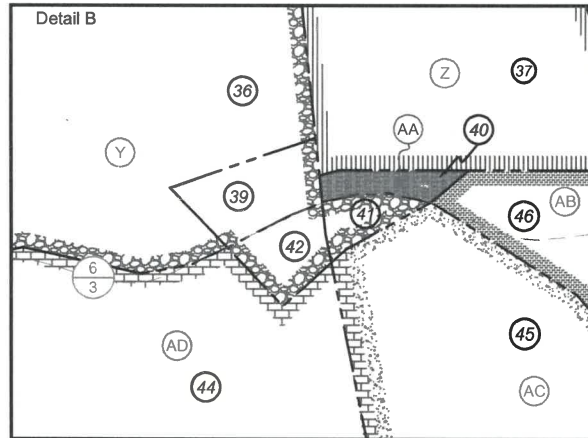
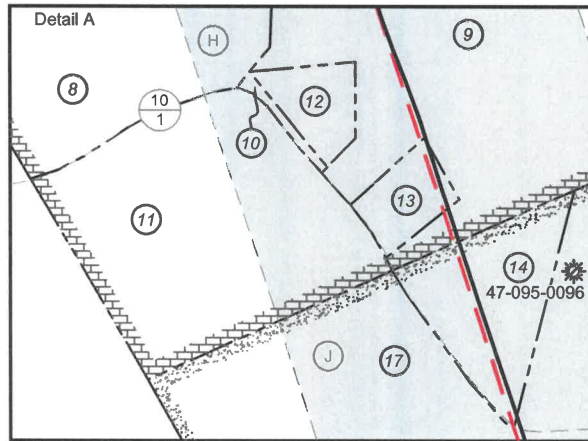
LOCATION: ELEVATION: As-Built 883' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne  
 DISTRICT: Ellsworth/Union/Meade COUNTY: Tyler  
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 60.38  
 ROYALTY OWNER: Berna J. Hammel; Charlotte A. Weise; Lora Keller Thomas; JayBee Production Co., et al; LEASE NO: ACREAGE: 81.74124; 60.38; 107.929; 126.125; 186.008; 51; 117.44; 97.99;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,117' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,429' 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	R	Joseph B. Thomas
B	Maurice C. Grove	S	Church of Christ
C	OPEN	T	Patricia Doty Thomas
D	OPEN	U	Donald E. Huffman
E	Sally & Mitchell Dunn	V	Richard C. Kratochvila, et ux
F	Leslie W. Potts	W	Four Leaf Land Company
G	H3 LLC	X	JayBee Production Co.
H	J&N Management Enterprises, LLC	Y	Danny J. Nagle, et ux
I	Joseph B. Thomas, et ux	Z	Richard B. Stender, et ux
J	Charlotte A. Weise	AA	Robert Kastigar, et ux
K	Lora Keller Thomas	AB	Kimberly Ruble
L	Nancy Jo & Jerry Allen Haught	AC	Dale V. Hadley
M	Joseph B. Thomas	AD	Charlotte M. Adams
N	Recol, Inc.	AE	Edwin Ernest Weber, Jr., et ux
O	Recol, Inc.	AF	Heritage Resources- Marcellus Minerals, LLC
P	Lisa Norman, et vir	AF	Heritage Resources- Marcellus Minerals, LLC
Q	Everett Harris	AG	Jeffery S. Anderson, et ux

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	10-2	Mary Elizabeth Potts, et al	126/444	50.00
6	10-5.2	Rainelle M. Pratt, et al	WB56/619	1.01
7	10-3	Joseph B. & Melanie Thomas	173/503	39.00
8	10-5.5	Bowen Family Irrevocable Trust	372/303	22.89
9	10-5	Timothy Brian Bowen, et al	WB56/619	48.36
10	10-5.7	Carolyn S. Bowen	652/440	0.24
11	10-5.4	Richard Daniel Bowen	344/814	9.51
12	10-5.1	Carolyn S. Bowen	WB56/619	1.01
13	10-5.6	Rainelle M. Pratt, et al	530/391	1.00
14	10-10.3	Kenneth O. II & Patricia D. Thomas	345/550	3.08
15	10-12	Lora K. Thomas	168/77	0.51
16	10-10.2	Jon C. & Grace L. Thomas	331/772	2.00
17	10-10	Lora K. & Kenneth Thomas	201/359	307.06
18	19-46	Judy Rine, et al	WB29/643	60.00
19	14-4	Joseph Thomas	WB21/443	51.0
20	19-47	Sharon L. Bland	275/349	18.13
21	19-48	Sharon L. Bland	275/349	43.46
22	19-49	W. Clint Maxwell Estate	WB4/270	35.14
23	14-2	Shirley J. Harris, et al	281/483	109.80
24	2-1	Joseph Ben Thomas	155/439	117.01
25	2-2.2	Mary S. Cline & Kathy A. Lancaster	352/380	8.00
26	2-2	Kenneth & Brenda Lancaster	280/586	22.00
27	2-2.1	Patricia Doty Thomas	192/409	39.25
28	2-3	Richard C. & Laura J. Kratochvila	384/648	17.25
29	2-4.1	Patricia Doty Thomas	316/222	62.00
30	2-12	Richard & Jaura J. Kratochvila	384/648	93.24
31	2-11	Edwin E. Jr. & Kathleen F. Weber	355/263	97.90
32	2-43	Edwin E., Jr. & Kathleen F. Weber	294/578	100.50
33	2-36.1	Orval J. & Flora A. Sizemore	255/51	33.31
34	2-12.1	Richard B. & Nancy L. Stender	359/162	16.16
35	2-31	Richard B. & Nancy L. Stender	359/162	20.00
36	2-36.2	Robert & Sharon Kastigar	232/369	44.21
37	2-30.1	Richard B. & Nancy L. Stender	359/162	31.00
38	2-38	Jason A. Hickman	572/842	2.36
39	2-35	Robert & Sharon Kastigar	243/379	2.00
40	2-28	Robert & Sharon Kastigar	243/379	0.50
41	2-34	Church of Christ	137/498	1.00
42	2-36	David E. & Debra K. Haught	390/588	0.91
43	2-40	Jeffrey S. & Sharon D. Anderson	343/419	54.00
44	2-37	Rhudel V. III & Suzanne W. Burgee	338/30	56.00
45	2-30	Arthur R. Davis III	375/634	10.50
46	2-32	Kimberly Ruble	WB27/601	5.00



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