

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

API 47 - 103 - 03410 County Wetzel District Green
Quad Porter Falls Pad Name Gadd Field/Pool Name -----
Farm name William & Delores Gadd Well Number Peeler 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 4377843m Easting 521027m
Landing Point of Curve Northing 4377797.14m Easting 521142.95m
Bottom Hole Northing 4374619m Easting 522266m

Elevation (ft) 1223' 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 6/14/2021 Date drilling commenced 7/29/2021 Date drilling ceased 8/30/2021
Date completion activities began 11/3/2021 Date completion activities ceased 1/10/2022
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 350' Open mine(s) (Y/N) depths No **08/12/2022**
Salt water depth(s) ft 1917' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 971' 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- 103 - 03410 Farm name William & Delores Gadd Well number Peeler 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"	438'	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"	18431'	New	20#, P-100	N/A	Y
Tubing		2-3/8"	7113'		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	252 sx	15.6	1.18	54	0'	8 Hrs.
Surface	Class A	460 sx	15.8	1.20	95	0'	8 Hrs.
Coal							
Intermediate 1	Class A	910 sx	15.8	1.17	187	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	792 sx (Lead) 2980 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.4 (Lead), 1.32 (Tail)	625	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 18481' MD, 7047' TVD (BHL), 7048' (Deepest Point Drilled) Loggers TD (ft) 18481' MD

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

Plug back procedure N/A

Kick off depth (ft) 6190'

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 08/12/2022

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

API 47- 103 - 03410 Farm name William & Delores Gadd Well number Peeler 2H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>Marcellus</u>	<u>6906' (TOP)</u>	<u>TVD</u>	<u>7180' (TOP)</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

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

OPEN FLOW Gas 11327 mcfpd Oil 443 bpd NGL --- bpd Water 661 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 Energy Services
Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114 **08/12/2022**

Please insert additional pages as applicable.

Completed by Brandi Hankins Telephone 304-842-9759
Signature  Title Completions Technician Date 8/11/22

API 47-103-03410 Farm Name William & Delores Gadd Well Number Peeler Unit 2H

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	11/03/2021	18360	18315.4	36	Marcellus
2	11/04/2021	18274.22532	18060.3773	36	Marcellus
3	11/04/2021	18022.4026	17808.5545	36	Marcellus
4	11/05/2021	17770.57987	17556.7318	36	Marcellus
5	11/05/2021	17518.75714	17304.9091	36	Marcellus
6	11/06/2021	17266.93442	17053.0864	36	Marcellus
7	11/06/2021	17015.11169	16801.2636	36	Marcellus
8	11/07/2021	16763.28896	16549.4409	36	Marcellus
9	11/07/2021	16511.46623	16297.6182	36	Marcellus
10	11/07/2021	16259.64351	16045.7955	36	Marcellus
11	11/08/2021	16007.82078	15793.9727	36	Marcellus
12	11/08/2021	15755.99805	15542.15	36	Marcellus
13	11/08/2021	15504.17532	15290.3273	36	Marcellus
14	11/09/2021	15252.3526	15038.5045	36	Marcellus
15	11/09/2021	15000.52987	14786.6818	36	Marcellus
16	11/10/2021	14748.70714	14534.8591	36	Marcellus
17	11/10/2021	14496.88442	14283.0364	36	Marcellus
18	11/10/2021	14245.06169	14031.2136	36	Marcellus
19	11/10/2021	13993.23896	13779.3909	36	Marcellus
20	11/11/2021	13741.41623	13527.5682	36	Marcellus
21	11/11/2021	13489.59351	13275.7455	36	Marcellus
22	11/11/2021	13237.77078	13023.9227	36	Marcellus
23	11/12/2021	12985.94805	12772.1	36	Marcellus
24	11/12/2021	12734.12532	12520.2773	36	Marcellus
25	11/12/2021	12482.3026	12268.4545	36	Marcellus
26	11/13/2021	12230.47987	12016.6318	36	Marcellus
27	11/13/2021	11978.65714	11764.8091	36	Marcellus
28	11/13/2021	11726.83442	11512.9864	36	Marcellus
29	11/14/2021	11475.01169	11261.1636	36	Marcellus
30	11/14/2021	11223.18896	11009.3409	36	Marcellus
31	11/14/2021	10971.36623	10757.5182	36	Marcellus
32	11/14/2021	10719.54351	10505.6955	36	Marcellus
33	11/15/2021	10467.72078	10253.8727	36	Marcellus
34	11/15/2021	10215.89805	10002.05	36	Marcellus
35	11/15/2021	9964.075325	9750.22727	36	Marcellus
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37	11/17/2021	9460.42987	9246.58182	36	Marcellus
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39	11/17/2021	8956.784416	8742.93636	36	Marcellus
40	11/18/2021	8704.961688	8491.11364	36	Marcellus
41	11/19/2021	8453.138961	8239.29091	36	Marcellus
42	11/19/2021	8201.316234	7987.46818	36	Marcellus
43	11/20/2021	7949.493506	7735.64545	36	Marcellus
44	11/20/2021	7697.670779	7483.82273	36	Marcellus
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Reviewed by:

API 47-103 - 03410 Farm name William & Delores Gadd Well number Peeler 2H

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 Plug back procedure N/A

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Completed by Brandi Hankins Telephone 304-842-9759
 Signature [Signature] Title Completions Technician Date 8/11/22

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08/12/2022

API 47-103-03410 Farm Name William & Delores Gadd Well Number Peeler 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	11/03/2021	77.59	8534	8579	4161	182567	236597	N/A
2	11/04/2021	82.38	8874	6480	4264	503176	388082	N/A
3	11/04/2021	85.06	8855	6459	4591	503544	386300	N/A
4	11/05/2021	86.02	8747	6169	4420	503298	393900	N/A
5	11/05/2021	85.1	8709	5794	4083	503432	382950	N/A
6	11/06/2021	80.35	8684	5487	4340	503354	384847	N/A
7	11/06/2021	80	8666	4746	4321	503553	378947	N/A
8	11/07/2021	82.21	8693	6682	4066	503282	367833	N/A
9	11/07/2021	86	8748	6822	3948	503589	367194	N/A
10	11/07/2021	83.93	8723	6616	4213	503322	368450	N/A
11	11/08/2021	86.44	8707	8579	4551	503518	362793	N/A
12	11/08/2021	85.24	8679	5455	4082	503332	366441	N/A
13	11/08/2021	87.98	8665	8277	4327	503458	370328	N/A
14	11/09/2021	86.46	8648	6884	4440	503490	363013	N/A
15	11/09/2021	79.98	8663	6051	4218	503530	478638	N/A
16	11/10/2021	88.47	8737	5527	4043	503365	368537	N/A
17	11/10/2021	89.61	8762	6471	4155	503035	361553	N/A
18	11/10/2021	87.05	8656	6220	4092	500678	363778	N/A
19	11/10/2021	90.51	8762	6029	3960	502641	363443	N/A
20	11/11/2021	90.37	8665	6737	3794	503730	360900	N/A
21	11/11/2021	88.49	8610	8175	4002	499460	354450	N/A
22	11/11/2021	88.9	8696	6261	3867	496880	358570	N/A
23	11/12/2021	92.93	8702	6963	3700	514720	367310	N/A
24	11/12/2021	91.66	8326	7727	4069	505780	357018	N/A
25	11/12/2021	96.95	8625	5493	4196	500800	357716	N/A
26	11/13/2021	97.42	8671	7678	3957	503690	359125	N/A
27	11/13/2021	97.35	8547	7772	4144	495480	356328	N/A
28	11/13/2021	97.52	8609	7623	4088	504240	359437	N/A
29	11/14/2021	97.71	8559	5720	3940	501920	358821	N/A
30	11/14/2021	97.46	8656	6601	3875	497740	358282	N/A
31	11/14/2021	97.28	8329	6227	3970	501470	361032	N/A
32	11/14/2021	98.07	8404	5979	3954	496040	356973	N/A
33	11/15/2021	98.44	8440	6393	3989	505060	359485	N/A
34	11/15/2021	98.66	8203	6167	4019	503380	357499	N/A
35	11/15/2021	98.42	8262	5883	4000	502240	359073	N/A
36	11/16/2021	98.4	8040	5476	3985	506920	363705	N/A
37	11/17/2021	97.98	7931	4858	4382	510020	385830	N/A
38	11/17/2021	94.35	7695	5835	4009	499453	365702	N/A
39	11/17/2021	97.93	7919	8421	4118	492971	356722	N/A
40	11/18/2021	95.89	7775	6806	4061	502340	357106	N/A
41	11/19/2021	91.8	8084	8546	4178	408620	380427	N/A
42	11/19/2021	98.34	7899	5498	3901	508030	363628	N/A
43	11/20/2021	97.4	7953	6429	3902	501410	412453	N/A
44	11/20/2021	98.59	7767	6505	4253	499140	360183	N/A
45	11/20/2021	98.27	7492	7086	4132	503940	360332	N/A
	AVG=	91	8,453	6,582	4,106	22,205,638	16,501,731	TOTAL

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API 47-103-03410 Farm Name William & Delores Gadd Well Number Peeler 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
Sandstone	75	210	75	210
Silty Sandstone	210	240	210	240
Shaly sandstone	240	270	240	270
Silty Sandstone	270	420	270	420
Shaly sandstone	420	490	420	490
Silty Sandstone	490	600	490	600
Shale	600	810	600	810
Silty Sandstone	810	1,070	810	1,070
Shale w/coal interbeds	1,070	1,230	1,070	1,230
Sandy shale	1,230	1,320	1,230	1,320
Shale	1,320	1,410	1,320	1,410
Sandy shale	1,410	1,710	1,410	1,710
Shaly sandstone	1,710	2,136	1,710	2,174
Big Lime	2,166	2,584	2,144	2,595
Fifty Foot Sandstone	2,584	2,760	2,565	2,772
Gordon	2,760	3,003	2,742	3,016
Fifth Sandstone	3,003	3,049	2,986	3,062
Bayard	3,049	3,993	3,032	4,011
Speechley	3,993	4,124	3,981	4,143
Balltown	4,124	4,608	4,113	4,629
Bradford	4,608	5,151	4,599	5,175
Benson	5,151	5,589	5,145	5,615
Alexander	5,589	6,738	5,585	6,820
Sycamore	6,586	6,708	6,634	6,790
Middlesex	6,708	6,804	6,790	6,941
Burkett	6,804	6,833	6,941	6,993
Tully	6,833	6,906	6,993	7,180
Marcellus	6,906	NA	7,180	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.

08/12/2022

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/3/2021
Job End Date:	11/20/2021
State:	West Virginia
County:	Wetzel
API Number:	47-103-03410-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	PEELER UNIT 2H
Latitude:	39.54994000
Longitude:	-80.75543000
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,047
Total Base Water Volume (gal):	17,061,979
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	86.59252	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.06839	

Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				Listed Below			
HYDROCHLORI C ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
FLUID Enviro- Syn HCR-7000- WL	Fluid Energy Group	Acid Replacement					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				Listed Below			
Excelerate 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	13.25854	
			Complex Amine Compound	Proprietary	60.00000	0.03489	
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01744	
			Proprietary	Proprietary	20.00000	0.01068	
			Hydrochloric acid	7647-01-0	30.00000	0.00754	
			Proprietary	Proprietary	10.00000	0.00534	
			Guar gum	9000-30-0	100.00000	0.00377	
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00291	
			Surfactant	Proprietary	5.00000	0.00291	
			Glutaraldehyde	111-30-8	30.00000	0.00252	
			Ethoxylated alcohols	Proprietary	5.00000	0.00058	
			Alkoxylated polyhydric alcohol	Proprietary	1.00000	0.00058	
			Organic chloride compound	Proprietary	1.00000	0.00058	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00042	
			Ammonium persulfate	7727-54-0	100.00000	0.00009	
			Ethanol	64-17-5	1.00000	0.00008	
			Methanol	67-56-1	100.00000	0.00005	
			Oxylated phenolic resin	Proprietary	30.00000	0.00003	
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00001	
			Modified thiourea polymer	Proprietary	30.00000	0.00001	
			Organic salt #2	Proprietary	0.01000	0.00001	
			Sodium glycolate	2836-32-0	0.01000	0.00001	
			Sodium hydroxide	1310-73-2	0.01000	0.00001	
			Acrylamide	79-06-1	0.01000	0.00001	

			Formaldehyde	50-00-0	0.01000	0.00001	
			Nitrated acetate salt	Proprietary	0.01000	0.00001	
			Organic salt #1	Proprietary	0.01000	0.00001	
			Hexadecene	629-73-2	5.00000	0.00000	
			Propargyl alcohol	107-19-7	5.00000	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)



ID	TM/Par	Owner	Bk/Pg	Acres
1	16-22	William L. & Delores J. Gadd	348/169	60.50
2	16-30	William L. & Delores J. Gadd	348/169	14.00
3	16-31	William L. & Delores J. Gadd	348/169	2.65
4	16-10	Loren & Shirley Haught	444/434	100.48
5	16-23	Kenneth E. Butler	331/110	50.97
6	16-23.1	Wetzel County Public Service District 1	433/851	0.23
7	16-32	Fox Cemetery	50/137	1.17
8	16-33	William M. Greenawalt & Lee A. Niezgoda	387/1	11.80
9	16-40	William M. Greenawalt & Lee A. Niezgoda	387/1	18.00
10	16-41	James C. Henthorne	367/673	46.00
11	16-57	Lee A. Niezgoda	402/90	1.06
12	16-47	William M. Greenawalt & Lee A. Niezgoda	387/1	12.00
13	16-58	Mark & Michael Difiore	406/241	97.80
14	16-64	Mark & Michael Difiore	406/241	6.60
15	16-71	Michael L. & Tina M. Adams	437/722	30.50
16	19-8.1	Edwin D. & Jane C. Michael	275/42	36.84
17	19-8.2	Edwin D. & Jane C. Michael	275/42	22.00
18	19-8.3	Edwin D. & Jane C. Michael	275/42	24.50
19	19-18.1	Edwin D. & Jane Michael	364/565	8.00
20	19-17	John R. & Mary Ann Horner	416/853	47.55
21	19-18	Ronald L. & Sharon Christenson Family Trust	439/377	30.00
22	19-27	Ronald L. & Sharon Christenson Family Trust	439/377	25.00
23	19-28	Ronald L. & Sharon Christenson Family Trust	439/377	28.25
24	20-16	Coastal Forest Resources Co.	444/105	75.50
25	19-42	Sharon M. & Ronald L. Christenson	363/101	22.50
26	19-48.1	Teresa & Michael L. Bassett	423/982	2.00
27	19-47	Suzann M. Stoehr, et al	WB48/422	80.00
28	19-48	Teresa & Michael L. Bassett	423/982	51.00
29	19-49	Michael L. & Teresa Bassett	386/315	32.25

Leases	
A	Shiben Estates, Inc.
B	Ellen W. & Mark L. VanDyne
C	John W. Bertram
D	BRC Appalachian Minerals I, LLC
E	Gordon Cummings
F	Eight Mile Ridge Church of Christ
G	Nancy Tice
H	Reita Jane Hall
I	Acropolis, Inc.
J	Clyde Robert Kennedy
K	Emma Lee Rine
L	BRC Appalachian Minerals I, LLC
M	David E. Bowyer
N	Stone Hill Minerals Holdings, Inc.
O	Edwin D. & Jane C. Michael
P	Edwin D. Michael, et ux
Q	H. Dorn Higginbotham
R	Thomas J. Iacoboni Revocable Trust Agreement
S	Faye Ann Skinner, et al
T	Christenson Family Trust
U	BRC Appalachian Minerals I, LLC
V	Deborah A. Beaver
W	Suzann Marie Stoehr, et al
X	BRC Appalachian Minerals I, LLC
Y	Waco Oil & Gas Co. Inc.

FILE NO: 326-34-G-17
 DRAWING NO: Peeler 2H As-Drilled
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 CORS, Monroe County, OH



DATE: March 16 2022
 OPERATOR'S WELL NO. Peeler Unit 2H
 API WELL NO
 47 -- 103 -- 03410
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: Top Hole: Porter Falls
 DISTRICT: Green William L. & Thomas J. Iacoboni Revocable Trust Agreement; Faye Ann Skinner, et al; David E. Bowyer; COUNTY: Wetzel 36.5; 60.5; 2.65; 50.97;
 SURFACE OWNER: Delores J. Gadd Stone Hill Minerals Holdings, Inc.; Edwin D. & Jane C. Michael; H. Dorn Higginbotham; ACREAGE: 60.5 57; 52.9; 30.5; 40; 22;
 ROYALTY OWNER: Ellen W. & Mark L. VanDyne; Shiben Estates, Inc.; John W. Bertram; Acropolis, Inc. LEASE NO: ACREAGE: 83.25; 50; 32.25

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,047' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,481' 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