

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

API 47-017-06897 County Doddridge Tyler District West Union
Quad Smithburg 7.5' Pad Name Peggy June Field/Pool Name ----
Farm name Samuel and Peggy Smith Well Number Fraley 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 4350467m Easting 521870m
Landing Point of Curve Northing 4350778.41m Easting 521868.30m
Bottom Hole Northing 4353032m Easting 521176m

Elevation (ft) 1275' 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

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Date permit issued 1/28/2020 Date drilling commenced 2/24/2020 Date drilling ceased 2/24/2021
Date completion activities began 4/13/2021 Date completion activities ceased 5/5/2021
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 320' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1603' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 1601' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed

Reviewed by:
SDW
9/8/21
10/01/2021

API 47- 017 - 06897 Farm name Samuel and Peggy Smith Well number Fraley 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"	444'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2576'	New	36#, K-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	15838'	New	20#, P-110	N/A	Y
Tubing		2-3/8"	7169'		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	204 sx	15.6	1.20	43	0'	8 Hrs.
Surface	Class A	368 sx	15.6	1.20	87	0'	8 Hrs.
Coal							
Intermediate 1	Class A	877 sx	15.6	1.19	186	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	792 sx (Lead) 2310 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.4 (Lead), 1.32 (Tail)	513	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 15888' MD, 7061' TVD (BHL), 7061' (Deepest Point Drilled) Loggers TD (ft) 15888' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

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Kick off depth (ft) 6132'

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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- 017 - 06897 Farm name Samuel and Peggy Smith Well number Fraley 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								

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Please insert additional pages as applicable.

API 47- 017 - 06897 Farm name Samuel and Peggy Smith Well number Fraley Unit 2H

PRODUCING FORMATION(S)	DEPTHS	
Marcellus	6925' (TOP) TVD	7193' (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 7481 mcfpd Oil 57 bpd NGL --- bpd Water 2836 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 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

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Logging Company Nine Energy Services
Address 6500 West Fwy City Fort Worth State TX Zip 76116

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Cementing Company Halliburton Energy Services
Address 300 W. Sam Houston Pkwy City Houston State TX Zip 76114

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Stimulating Company Halliburton Energy Services
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 [Signature] Title Completions Technician Date 8/27/21

Submission of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

10/01/2021

API 47-017-06897 Farm Name Samuel and Peggy Smith Well Number Fraley Unit 2H

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	4/14/2021	15768	15725	36	Marcellus
2	4/14/2021	15684.38235	15472.6765	36	Marcellus
3	4/14/2021	15435.05882	15223.3529	36	Marcellus
4	4/15/2021	15185.73529	14974.0294	36	Marcellus
5	4/15/2021	14936.41176	14724.7059	36	Marcellus
6	4/15/2021	14687.08824	14475.3824	36	Marcellus
7	4/15/2021	14437.76471	14226.0588	36	Marcellus
8	4/16/2021	14188.44118	13976.7353	36	Marcellus
9	4/16/2021	13939.11765	13727.4118	36	Marcellus
10	4/16/2021	13689.79412	13478.0882	36	Marcellus
11	4/16/2021	13440.47059	13228.7647	36	Marcellus
12	4/16/2021	13191.14706	12979.4412	36	Marcellus
13	4/17/2021	12941.82353	12730.1176	36	Marcellus
14	4/17/2021	12692.5	12480.7941	36	Marcellus
15	4/17/2021	12443.17647	12231.4706	36	Marcellus
16	4/17/2021	12193.85294	11982.1471	36	Marcellus
17	4/17/2021	11944.52941	11732.8235	36	Marcellus
18	4/18/2021	11695.20588	11483.5	36	Marcellus
19	4/18/2021	11445.88235	11234.1765	36	Marcellus
20	4/18/2021	11196.55882	10984.8529	36	Marcellus
21	4/18/2021	10947.23529	10735.5294	36	Marcellus
22	4/18/2021	10697.91176	10486.2059	36	Marcellus
23	4/19/2021	10448.58824	10236.8824	36	Marcellus
24	4/19/2021	10199.26471	9987.55882	36	Marcellus
25	4/19/2021	9949.941176	9738.23529	36	Marcellus
26	4/20/2021	9700.617647	9488.91176	36	Marcellus
27	4/20/2021	9451.294118	9239.58824	36	Marcellus
28	4/20/2021	9201.970588	8990.26471	36	Marcellus
29	4/20/2021	8952.647059	8740.94118	36	Marcellus
30	4/21/2021	8703.323529	8491.61765	36	Marcellus
31	4/21/2021	8454	8242.29412	36	Marcellus
32	4/21/2021	8204.676471	7992.97059	36	Marcellus
33	4/21/2021	7955.352941	7743.64706	36	Marcellus
34	4/21/2021	7706.029412	7494.32353	36	Marcellus
35	4/21/2021	7456.705882	7245	36	Marcellus

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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	4/14/2021	62.89	8551	7933	4248	175679	251343	N/A
2	4/14/2021	87.37	8707	5966	4357	500540	365630	N/A
3	4/14/2021	88.77	8546	5610	4585	500593	371835	N/A
4	4/15/2021	89.47	8528.09	5700.08	4934.32	500653	377487	N/A
5	4/15/2021	88.52	8652	5673	4519	500640	373715	N/A
6	4/15/2021	94.61	8766	5727	3791	500520	374890	N/A
7	4/15/2021	90.24	8766.75	6137.87	5100.89	501573	364001	N/A
8	4/16/2021	93.69	8866	6065	4456	500867	362031	N/A
9	4/16/2021	89.95	8759	5798	4641	502680	361780	N/A
10	4/16/2021	98.59	8777	5974	4470	499760	358477	N/A
11	4/16/2021	98.2	8795	5352	4297	500288	359680	N/A
12	4/16/2021	98.67	8693	5884	4093	500432	358372	N/A
13	4/17/2021	97.88	8693	5895	4193	500503	357456	N/A
14	4/17/2021	99.44	8660	5983	4179	500600	355819	N/A
15	4/17/2021	94.96	8334	5591	4084.31	500580	354441	N/A
16	4/17/2021	81.71	8691	5578	4572	500086	369504	N/A
17	4/17/2021	98.37	8449	5518	4579	500927	355960	N/A
18	4/18/2021	94.96	8616	5650	4356	500517	352929	N/A
19	4/18/2021	94.18	8243	5235	4448	500520	349580	N/A
20	4/18/2021	100.16	8350	4741	4289	500500	353351	N/A
21	4/18/2021	99.28	8161	4700	4255	500346	354294	N/A
22	4/18/2021	98.08	8057	5457	4381	500834	353409	N/A
23	4/19/2021	99.57	8173	5791	4516	500620	349570	N/A
24	4/19/2021	98.75	8078	5811	4237	500820	348075	N/A
25	4/19/2021	98.82	7869	4677	4131	500680	351810	N/A
26	4/20/2021	99.08	7966	6027	4243	500140	359530	N/A
27	4/20/2021	93.31	8206	5561	4029	500924	350374	N/A
28	4/20/2021	95.49	8187	4181	3758	500601	348152	N/A
29	4/20/2021	98.94	7618	6325	3824.95	500510	351832	N/A
30	4/21/2021	99.67	7654	6645	4463	500643	353677	N/A
31	4/21/2021	100.4	7570	6600	4079	500759	355392	N/A
32	4/21/2021	99.3	7346	5707	4255	500551	350549	N/A
33	4/21/2021	99.4	7200	7182	4302	500773	361183	N/A
34	4/21/2021	99.39	7265	6852	4161	500966	362563	N/A
35	4/21/2021	99.73	7256	6567	4199	496052	394574	N/A
	AVG=	95	8,259	5,831	4,315	17,193,677	12,473,265	TOTAL

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AUG 30 2021

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10/01/2021

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LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Shaley Siltstone	120	210	120	210
Shale	210	390	210	390
Silty Shale	390	480	390	480
Shale	480	810	480	810
Silty Shale	810	840	810	840
Shaley Sandstone	840	960	840	960
Shaley Sandstone	960	1,050	960	1,050
Shale	1,050	1,110	1,050	1,110
Sandy Shale	1,110	1,230	1,110	1,230
Shaley Sandstone	1,230	1,290	1,230	1,290
Sandstone, Tr Shale, Tr Silt	1,290	1,710	1,290	1,710
Shaley Sandstone, Occ Coal	1,710	1,890	1,710	1,890
Sandy Shale, Tr Coal, Tr Limestone	1,890	2,135	1,890	2,139
Big Lime	2,165	2,771	2,169	2,776
Fifty Foot Sandstone	2,771	2,855	2,776	2,860
Gordon	2,855	3,145	2,860	3,152
Fifth Sandstone	3,145	3,352	3,152	3,362
Bayard	3,352	3,989	3,362	4,007
Speechley	3,989	4,283	4,007	4,303
Balltown	4,283	4,684	4,303	4,709
Bradford	4,684	5,154	4,709	5,186
Benson	5,154	5,455	5,186	5,490
Alexander	5,455	6,720	5,490	6,810
Sycamore	6,475	6,690	6,528	6,780
Middlesex	6,690	6,837	6,780	7,004
Burkett	6,837	6,866	7,004	7,058
Tully	6,866	6,925	7,058	7,193
Marcellus	6,925	NA	7,193	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.

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/14/2021
Job End Date:	4/21/2021
State:	West Virginia
County:	Doddridge
API Number:	47-017-06897-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	FRALEY UNIT 2H
Latitude:	39.30322500
Longitude:	-80.74653000
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,059
Total Base Water Volume (gal):	12,892,334
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 Mixture	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	86.31801	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.06133	

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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			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				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			
MC B-8614A	MultiChem	Biocide					
				Listed Below			

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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	13.54316
		Complex Amine Compound	Proprietary	60.00000	0.03135
		Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01568
		Proprietary	Proprietary	20.00000	0.01047
		Hydrochloric acid	7647-01-0	30.00000	0.00648
		Proprietary	Proprietary	10.00000	0.00524
		Guar gum	9000-30-0	100.00000	0.00411
		Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00261
		Surfactant	Proprietary	5.00000	0.00261
		Glutaraldehyde	111-30-8	30.00000	0.00251
		Ethoxylated alcohols	Proprietary	5.00000	0.00052
		Alkoxylated polyhydric alcohol	Proprietary	1.00000	0.00052
		Organic chloride compound	Proprietary	1.00000	0.00052
		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	0.00004
		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
		Formaldehyde	50-00-0	0.01000	0.00001
		Nitrated acetate salt	Proprietary	0.01000	0.00001
		Acrylamide	79-06-1	0.01000	0.00001
		Sodium hydroxide	1310-73-2	0.01000	0.00001

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			Organic salt #1	Proprietary	0.01000	0.00001	
			Sodium glycolate	2836-32-0	0.01000	0.00001	
			Organic salt #2	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)

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LATITUDE 39°20'00"

10,808'

1,270' TO BOTTOM HOLE
LATITUDE 39°20'00"

Antero Resources Corporation
Well No. Fraley Unit 2H

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 294,998ft E: 1,647,263ft
LAT: 39°18'11.61" LON: 80°44'47.50"
BOTTOM HOLE INFORMATION:
N: 303,456ft E: 1,645,126ft
LAT: 39°19'34.91" LON: 80°45'16.16"

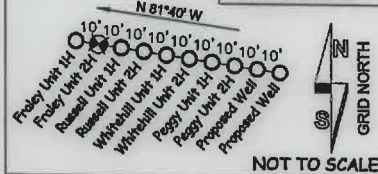
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,350,467m E: 521,870m
BOTTOM HOLE INFORMATION:
N: 4,353,032m E: 521,176m

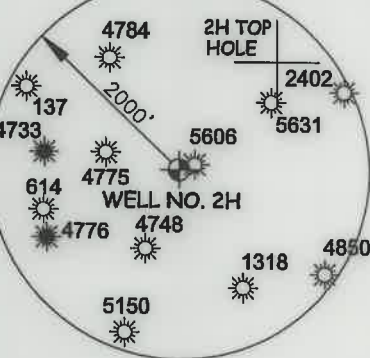
WELL 2H POINT OF ENTRY INFORMATION:
N: 295,162ft E: 1,647,603ft
LAT: 39°18'13.27" LON: 80°44'43.20"
N: 4,350,518m E: 521,972m

- NOTE**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. TOP HOLE DATA SHOWN HEREBY WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

PAD LAYOUT



NO WATER WELL WERE LOCATED WITHIN 2000' OF CENTER OF PAD



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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

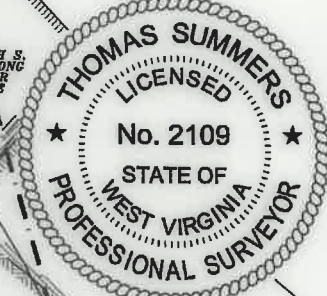
JOB # 17-024WA
DRAWING # FRALEY2HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 - - - Proposed Well Path
 - - - As Drilled Well Path
 THOMAS SUMMERS P.S. 2109

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

DATE 08/03/21 OPERATOR'S WELL# FRALEY UNIT 2H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,275' AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
 QUADRANGLE SH - SMITHBURG 7.5' BH - WEST UNION 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER SAMUEL AND PEGGY SMITH ACREAGE 28.956 ACRES +/- 10/01/2021
 OIL & GAS ROYALTY OWNER ELAINE DEBOLT; R. L. BARNES ET UX; LEASE ACREAGE 84.8 ACRES +/- 222 ACRES +/-
 D.L. DOTSON ET UX; DEBORAH S. ARMSTRONG ET VIR; 58 ACRES +/- 27.5 ACRES +/-
 NANCY BOOMER ET VIR; CLARENCE W. MUTSCHELKNAUS ET AL 84 ACRES +/- 96 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,061' TVD 15,888' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
 FORM WW-6 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD
 CHARLESTON, WV 25313



2,539' TO BOTTOM HOLE
10,966'
LONGITUDE 80°45'00"
LONGITUDE 80°42'30"