

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

API 47 - 017 - 06834 County Doddridge District Central
 Quad Pullman 7.5' (TH) Oxford 7.5' (BH) Pad Name Stanley Pad Field/Pool Name -----
 Farm name Stanley Webb et al Well Number Cool 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 4343076m Easting 510404m
 Landing Point of Curve Northing 4342893m Easting 510481m
 Bottom Hole Northing 4340388m Easting 511579m

Elevation (ft) 1095' 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 7/13/2017 Date drilling commenced 8/1/2018 Date drilling ceased 9/12/2018
 Date completion activities began 10/10/2018 Date completion activities ceased 11/13/2018
 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 28' Open mine(s) (Y/N) depths No
 Salt water depth(s) ft None Identified Void(s) encountered (Y/N) depths No
 Coal depth(s) ft None Identified 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 47-017 - 06834 Farm name Stanley Webb et al Well number Cool 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"	105'	New	78.67#, ASTM A500-13	N/A	Y
Surface	17-1/2"	13-3/8"	560'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2578'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	16391'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6702'		23#, P-110		
Packer type and depth set		N/A					

Comment Details **Cement Squeeze on 9/3/2018 @ 3894ftKB using 421 sx

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	245	0'	8 Hrs.
Surface	Class A	639 sx	15.6	1.21	773	0'	8 Hrs.
Coal							
Intermediate 1	Class A	876 sx	15.6	1.19	1042	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	699 sx (Lead) 2164 sx (Tail)	14.1 (Lead), 15.17 (Tail)	1.40 (Lead), 1.60 (Tail)	4441	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 16411' MD, 6592' TVD (BHL), 6609' (Deepest Point Drilled) Loggers TD (ft) 16411' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6284'

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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PRODUCING FORMATION(S)	DEPTHS	
Marcellus	6558' (TOP) TVD	6871' (TOP) MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3000 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 14438 mcfpd Oil 19 bpd NGL --- bpd Water 1 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 Patterson - UTI Drilling Company LLC
Address 207 Carlton Drive City Eighty Four State PA Zip 15330

Logging Company Reach Wireline
Address 600 Alpha Drive City Canonsburg State PA Zip 15317

Cementing Company Schlumberger
Address 300 Schlumberger Dr City Sugar Land State TX Zip 77478

Stimulating Company US Well Service
Address 535 Industrial Park Drive City Jane Lew State WV Zip 26378

Please insert additional pages as applicable.

Completed by Karin Cox Telephone 303-357-7310
Signature _____ Title Permitting Agent Date 3/4/2019

API 47-017-06834 Farm Name Stanley Webb et al Well Number Cool Unit 2H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	10/10/2018	16182.5	16287	24	Marcellus
2	10/14/2018	15981.062	16150.927	24	Marcellus
3	10/15/2018	15779.624	15949.489	24	Marcellus
4	10/15/2018	15578.186	15748.051	24	Marcellus
5	10/16/2018	15376.748	15546.613	24	Marcellus
6	10/16/2018	15175.31	15345.175	24	Marcellus
7	10/17/2018	14973.872	15143.737	24	Marcellus
8	10/17/2018	14772.434	14942.299	24	Marcellus
9	10/18/2018	14570.996	14740.861	24	Marcellus
10	10/19/2018	14369.558	14539.423	48	Marcellus
11	10/19/2018	14168.12	14337.985	48	Marcellus
12	10/19/2018	13966.682	14136.547	48	Marcellus
13	10/20/2018	13765.244	13935.109	48	Marcellus
14	10/20/2018	13563.806	13733.671	48	Marcellus
15	10/21/2018	13362.368	13532.233	48	Marcellus
16	10/21/2018	13160.93	13330.795	48	Marcellus
17	10/22/2018	12959.492	13129.357	48	Marcellus
18	10/22/2018	12758.054	12927.919	48	Marcellus
19	10/22/2018	12556.616	12726.481	48	Marcellus
20	10/23/2018	12355.178	12525.043	48	Marcellus
21	10/23/2018	12153.74	12323.605	48	Marcellus
22	10/24/2018	11952.302	12122.167	48	Marcellus
23	10/24/2018	11750.864	11920.729	48	Marcellus
24	10/25/2018	11549.426	11719.291	48	Marcellus
25	10/25/2018	11347.988	11517.853	48	Marcellus
26	10/25/2018	11146.55	11316.415	48	Marcellus
27	10/26/2018	10945.112	11114.977	48	Marcellus
28	10/26/2018	10743.674	10913.539	48	Marcellus
29	10/27/2018	10542.236	10712.101	48	Marcellus
30	10/27/2018	10340.798	10510.663	48	Marcellus
31	10/27/2018	10139.36	10309.225	48	Marcellus
32	10/28/2018	9937.922	10107.787	48	Marcellus
33	10/28/2018	9736.484	9906.349	48	Marcellus
34	10/28/2018	9535.046	9704.911	48	Marcellus
35	10/29/2018	9333.608	9503.473	48	Marcellus
36	10/29/2018	9132.17	9302.035	48	Marcellus
37	10/30/2018	8930.732	9100.597	48	Marcellus
38	10/30/2018	8729.294	8899.159	48	Marcellus
39	10/31/2018	8527.856	8697.721	48	Marcellus
40	10/31/2018	8326.418	8496.283	48	Marcellus
41	11/1/2018	8124.98	8294.845	48	Marcellus
42	11/1/2018	7923.542	8093.407	48	Marcellus
43	11/1/2018	7722.104	7891.969	48	Marcellus
44	11/2/2018	7520.666	7690.531	48	Marcellus
45	11/2/2018	7319.228	7489.093	48	Marcellus
46	11/3/2018	7117.79	7287.655	48	Marcellus
47	11/3/2018	6916.352	7086.217	48	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	10/10/2018	67.1506	7303.052	5216	3534	201050	6066	N/A
2	10/14/2018	73.064	8185.57	5704	3454	404000	8049	N/A
3	10/15/2018	66.5775	8028.284	5911	3109	400120	8103	N/A
4	10/15/2018	66.6141	7958.261	6199	3174	400800	8559	N/A
5	10/16/2018	72.4939	8063.018	5501	3118	402600	8286	N/A
6	10/16/2018	70.6317	7988.018	5536	3190	402550	8179	N/A
7	10/17/2018	69.6967	7953.458	6110	3109	402850	8361	N/A
8	10/17/2018	72.8174	7943.89	6066	3237	400090	8100	N/A
9	10/18/2018	72.5444	8041.897	5500	3053	404100	9794	N/A
10	10/19/2018	68.7569	8061.052	5414	3119	398080	8042	N/A
11	10/19/2018	72.7477	8245.239	5561	3245	401600	8139	N/A
12	10/19/2018	74.9393	8089.762	5736	3913	405190	7980	N/A
13	10/20/2018	77.3984	7947.342	5572	3105	402900	8074	N/A
14	10/20/2018	78.0324	7611.978	5411	3356	400010	8020	N/A
15	10/21/2018	73.0982	7130.366	5595	3278	402800	8049	N/A
16	10/21/2018	76.0984	8046.159	5574	3177	403150	8011	N/A
17	10/22/2018	75.2762	7800.426	5478	3206	403950	8020	N/A
18	10/22/2018	74.437	7430.066	5819	3189	402600	8514	N/A
19	10/22/2018	75.7963	7824.59	5848	3167	402800	7937	N/A
20	10/23/2018	77.3223	7955.897	5674	3250	402350	7992	N/A
21	10/23/2018	75.877	7882.411	5668	3389	403500	7955	N/A
22	10/24/2018	72.5817	7873.653	5706	3589	403950	8113	N/A
23	10/24/2018	76.7569	7592.394	5506	3383	402200	7916	N/A
24	10/25/2018	79.2404	7853.635	5516	3403	403200	7882	N/A
25	10/25/2018	78.7777	7849.16	5546	3572	402650	7881	N/A
26	10/25/2018	75.0795	7528.955	6033	3249	402200	7956	N/A
27	10/26/2018	76.0363	7970.417	6503	3059	403500	7899	N/A
28	10/26/2018	77.6044	7805.235	5821	3095	402650	7877	N/A
29	10/27/2018	73.3994	7977.674	6021	3111	401200	7843	N/A
30	10/27/2018	76.3157	7533.874	6029	2996	402169	7892	N/A
31	10/27/2018	79.5346	7848.939	5790	3058	402200	7830	N/A
32	10/28/2018	80.6325	7720.127	5997	3151	402200	7785	N/A
33	10/28/2018	76.253	7791.369	5690	3343	403550	7790	N/A
34	10/28/2018	80.7652	7479.929	5571	3476	402200	7764	N/A
35	10/29/2018	79.8155	7207.22	5540	3241	403060	7853	N/A
36	10/29/2018	79.3344	7223.307	5549	3627	403150	7722	N/A
37	10/30/2018	79.9423	7117.158	5751	3678	402800	7789	N/A
38	10/30/2018	80	6933.164	5601	3618	404220	7749	N/A
39	10/31/2018	79.5276	7658.45	5654	3101	404200	7730	N/A
40	10/31/2018	78.2135	7544.713	6017	3679	404020	7743	N/A
41	11/1/2018	80.7588	6998.454	6048	3611	404200	7694	N/A
42	11/1/2018	79.5634	7535.964	6011	3776	405140	7753	N/A
43	11/1/2018	79.6956	7298.242	5820	3841	402200	7701	N/A
44	11/2/2018	80.0565	7489.3	5708	3834	405010	7677	N/A
45	11/2/2018	79.8975	7633.797	6545	3531	402200	7650	N/A
46	11/3/2018	81.2718	7124.38	6272	3754	402200	7695	N/A
47	11/3/2018	80.2466	6819.373	6265	3999	416080	8039	N/A
	AVG=	76	7,679	5,779	3,365	18,739,439	373,453	TOTAL

API 47-017-06834 Farm Name Stanley Webb et al Well Number Cool 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
Freshwater	28'	N/A	28'	N/A
Silty Sandstone	0	335	0	335
Sandy siltstone	335	835	335	835
Sandstone	835	915	835	915
Silty Sandstone	915	1,055	915	1,055
limey siltstone	1,055	1,175	1,055	1,175
silty sandstone, tr. coal	1,175	1,315	1,175	1,315
silty sandstone	1,315	1,375	1,315	1,375
silty shale	1,375	1,635	1,375	1,635
sandstone, tr coal	1,635	1,675	1,635	1,675
silty sandstone	1,675	1,815	1,675	1,815
sandstone	1,815	1,875	1,815	1,875
sandy shale	1,875	1,955	1,875	1,955
shaly sand	1,955	2,036	1,955	2,016
Big Lime	2,036	2,221	2,016	2,221
Big Injun	2,221	2,571	2,221	2,571
Gantz Sand	2,571	2,886	2,571	2,886
Fifty Foot Sandstone	2,886	3,000	2,886	3,000
Gordon	3,000	3,156	3,000	3,156
Fifth Sandstone	3,156	3,416	3,156	3,416
Bayard	3,416	3,526	3,416	3,528
Warren	3,526	3,981	3,528	3,988
Speechley	3,981	4,218	3,988	4,229
Balltown	4,218	4,653	4,229	4,670
Bradford	4,653	5,043	4,670	5,069
Benson	5,043	5,298	5,069	5,328
Alexander	5,298	5,905	5,328	5,943
Rhinestreet	5,905	6,223	5,943	6,281
Sycamore	6,223	6,384	6,281	6,487
Middlesex	6,384	6,499	6,487	6,695
Burkett	6,499	6,532	6,695	6,779
Tully	6,532	6,558	6,779	6,871
Marcellus	6,558	NA	6,871	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.

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/11/2018
Job End Date:	11/3/2018
State:	West Virginia
County:	Doddridge
API Number:	47-017-06834-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Cool 2H
Latitude:	39.23684400
Longitude:	-80.87961900
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,609
Total Base Water Volume (gal):	16,223,556
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Service Abstract Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Antero Resources	Carrier/Base Fluid	Water	7732-18-5	100.00000	87.64233	
Sand	U.S. Well Services, LLC	Proppant					
HCL Acid (12.6%-17.5%)	U.S. Well Services, LLC	Bulk Acid	Crystalline Silica, quartz	14808-60-7	100.00000	12.13831	
WFRA-405	U.S. Well Services, LLC	Friction Reducer	Water	7732-18-5	87.40000	0.12735	
			Hydrogen Chloride	7647-01-0	17.50000	0.02961	
			2-Propenoic acid, polymer with propenamide	29003-06-9	30.00000	0.01639	
			Hydrated light distillate (petroleum)	64742-47-8	30.00000	0.01320	
LGC-15	U.S. Well Services, LLC	Gelling Agents					
			Guar Gum	9000-30-0	50.00000	0.01107	
			Petroleum Distillates	64742-47-8	60.00000	0.01048	
			Suspending agent (solid)	14808-60-7	3.00000	0.00169	
			Surfactant	68439-51-0	3.00000	0.00066	

Product	Manufacturer	Category	Ingredient Name	Chemical Name	Product Code	Concentration (%)	MSDS Number
Bioclear 2000	J.S. Well Services, LLC	Anti-Bacterial Agent	2,2-dibromo-3-nitropropionamide	Deionized Water	10222-01-2	20.00000	0.00395
SI-1200	J.S. Well Services, LLC	Scale Inhibitor	Ethylene Glycol	Proprietary Scale Inhibitor	7732-18-5	28.00000	0.00226
SI-1200s	J.S. Well Services, LLC	Scale Inhibitor	Proprietary Scale Inhibitor	Proprietary	107-21-1	40.00000	0.00091
AP One	J.S. Well Services, LLC	Gel Breakers	Proprietary Scale Inhibitor	Proprietary	Proprietary	10.00000	0.00111
AI-303	J.S. Well Services, LLC	Acid Corrosion Inhibitors	Ammonium Persulfate		7727-54-0	100.00000	0.00033
			Ethylene glycol		107-21-1	40.00000	0.00004
			Cinnamaldehyde		104-55-2	20.00000	0.00002
			Formic acid		64-18-6	20.00000	0.00002
			Butyl cellosolve		111-76-2	20.00000	0.00001
			Polyether		60828-78-6	10.00000	0.00001
			Acetophenone, thiourea, formaldehyde polymer		68527-49-1	5.00000	0.00000

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

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

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)

LATITUDE 39°15'00" 1,308'

9,269' TO BOTTOM HOLE
LATITUDE 39°15'00"

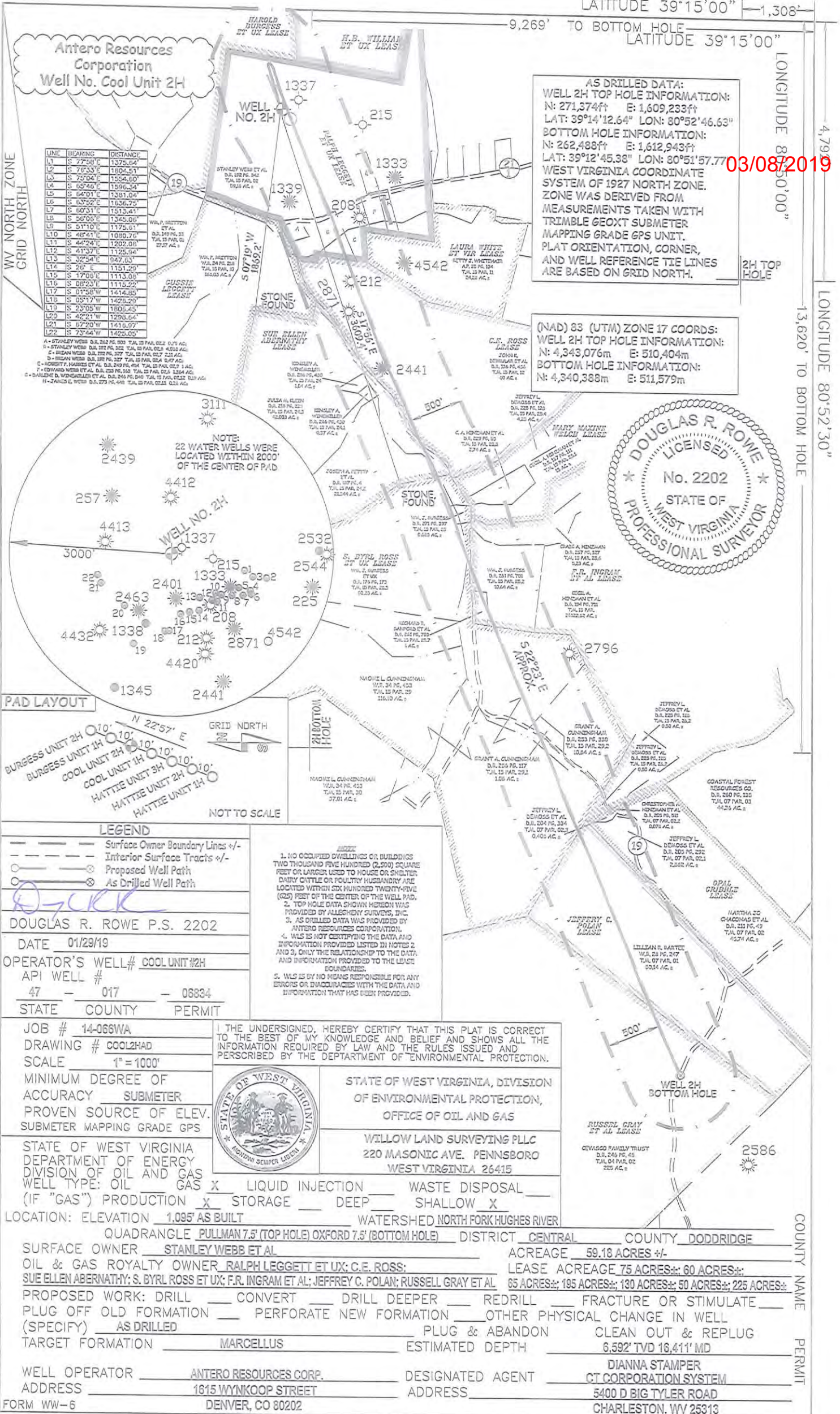
LONGITUDE 80°50'00"

4,792'

LONGITUDE 80°52'30"

13,620' TO BOTTOM HOLE

03/08/2019



Antero Resources Corporation
Well No. Cool Unit 2H

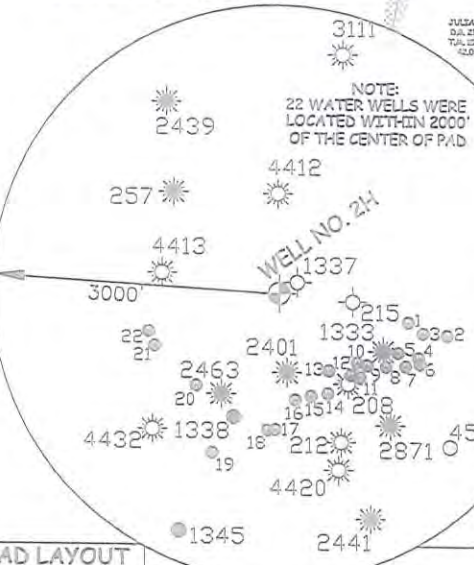
LINE	BEARING	DISTANCE
L1	S 77°50'E	1375.04'
L2	S 76°53'E	1104.51'
L3	S 75°04'E	1556.00'
L4	S 65°46'E	1506.34'
L5	S 64°01'E	1361.04'
L6	S 63°52'E	1636.75'
L7	S 60°31'E	1513.41'
L8	S 56°00'E	1345.00'
L9	S 51°10'E	1175.01'
L10	S 46°41'E	1080.70'
L11	S 44°24'E	1262.00'
L12	S 41°37'E	1125.04'
L13	S 32°54'E	947.03'
L14	S 26° E	1151.20'
L15	S 17°00'E	1113.00'
L16	S 08°37'E	1113.22'
L17	S 01°58'W	1414.40'
L18	S 03°17'W	1420.20'
L19	S 23°05'W	1100.43'
L20	S 42°21'W	1208.64'
L21	S 67°20'W	1410.97'
L22	S 73°44'W	1425.00'

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 271,374ft E: 1,609,233ft
LAT: 39°14'12.64" LON: 80°52'46.63"
BOTTOM HOLE INFORMATION:
N: 262,488ft E: 1,612,943ft
LAT: 39°12'45.38" LON: 80°51'57.77"
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: 4,343,076m E: 510,404m
BOTTOM HOLE INFORMATION:
N: 4,340,388m E: 511,579m



NOTE: 22 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD



LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Proposed Well Path
- As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202
DATE 01/29/19
OPERATOR'S WELL# COOL UNIT #2H
API WELL # 47 - 017 - 08834
STATE COUNTY PERMIT

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 HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
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 LEASEE BOUNDARIES.
5. WLS IS BY NO MEANS 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 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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,095' AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PULLMAN 7.5' (TOP HOLE) OXFORD 7.5' (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER STANLEY WEBB ET AL ACREAGE 59.18 ACRES +/-
OIL & GAS ROYALTY OWNER RALPH LEGGETT ET UX; C.E. ROSS; SUE ELLEN ABERNATHY; S. BYRL ROSS ET UX; F.R. INGRAM ET AL; JEFFERY C. POLAN; RUSSELL GRAY ET AL LEASE ACREAGE 75 ACRES +/-; 60 ACRES +/-; 65 ACRES +/-; 195 ACRES +/-; 130 ACRES +/-; 50 ACRES +/-; 225 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
TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
ESTIMATED DEPTH 6,592' TVD 18,411' 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 CHARLESTON, WV 25313