

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

API 47-017-06942 County Doddridge District Southwest
Quad Oxford 7.5' Pad Name Locke Field/Pool Name -----
Farm name Antero Resources Corporation Well Number Jenkins 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 4336509m Easting 514389m
Landing Point of Curve Northing 4328467m Easting 543634m ✓
Bottom Hole Northing 4334146m Easting 515947m

Elevation (ft) 1100.5' 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 1/30/2023 Date drilling commenced 3/2/2023 Date drilling ceased 5/16/2023
Date completion activities began 6/30/2023 Date completion activities ceased 7/31/2023
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 775, 781' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1733, 1750' Void(s) encountered (Y/N) depths No
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by:
Ka 12/6/23
12/08/2023

API 47-017 - 06942 Farm name Antero Resources Corporation Well number Jenkins 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	28"	20"	130'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	457'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2878'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	16348'	New	23#, P-110-ICY	N/A	Y
Tubing		2-3/8"	6669'		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	1.18	241	0'	8 Hrs.
Surface	Class A	418 sx	15.8	1.17	489	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1095 sx	15.8	1.16	1270	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	1610 sx (Lead)	13 (Lead), 12 (Tail)	1.97 (Lead), 2.26 (Tail)	3172	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 18700' MD, 7000' TVD (BHL), (Deepest Point Drilled) Loggers TD (ft) 18700' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5800'

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

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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

12/08/2023

API 47-017-06942 Farm Name Antero Resources Corporation Well Number Jenkins Unit 1H

Exhibit 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	6/30/2023	16222.5	16180.5	60	Marcellus
2	6/30/2023	16143.02355	15977.6413	60	Marcellus
3	7/1/2023	15942.16486	15776.7826	60	Marcellus
4	7/1/2023	15741.30616	15575.9239	60	Marcellus
5	7/1/2023	15540.44746	15375.0652	60	Marcellus
6	7/2/2023	15339.58877	15174.2065	60	Marcellus
7	7/2/2023	15138.73007	14973.3478	60	Marcellus
8	7/2/2023	14937.87138	14772.4891	60	Marcellus
9	7/2/2023	14737.01268	14571.6304	60	Marcellus
10	7/3/2023	14536.15399	14370.7717	60	Marcellus
11	7/3/2023	14335.29529	14169.913	60	Marcellus
12	7/3/2023	14134.43659	13969.0543	60	Marcellus
13	7/4/2023	13933.5779	13768.1957	60	Marcellus
14	7/4/2023	13732.7192	13567.337	60	Marcellus
15	7/4/2023	13531.86051	13366.4783	60	Marcellus
16	7/4/2023	13331.00181	13165.6196	60	Marcellus
17	7/4/2023	13130.14312	12964.7609	60	Marcellus
18	7/5/2023	12929.28442	12763.9022	60	Marcellus
19	7/5/2023	12728.42572	12563.0435	60	Marcellus
20	7/5/2023	12527.56703	12362.1848	60	Marcellus
21	7/5/2023	12326.70833	12161.3261	60	Marcellus
22	7/6/2023	12125.84964	11960.4674	60	Marcellus
23	7/6/2023	11924.99094	11759.6087	60	Marcellus
24	7/6/2023	11724.13225	11558.75	60	Marcellus
25	7/7/2023	11523.27355	11357.8913	60	Marcellus
26	7/7/2023	11322.41486	11157.0326	60	Marcellus
27	7/7/2023	11121.55616	10956.1739	60	Marcellus
28	7/7/2023	10920.69746	10755.3152	60	Marcellus
29	7/7/2023	10719.83877	10554.4565	60	Marcellus
30	7/8/2023	10518.98007	10353.5978	60	Marcellus
31	7/8/2023	10318.12138	10152.7391	60	Marcellus
32	7/8/2023	10117.26268	9951.88043	60	Marcellus
33	7/8/2023	9916.403986	9751.02174	60	Marcellus
34	7/9/2023	9715.54529	9550.16304	60	Marcellus
35	7/9/2023	9514.686594	9349.30435	60	Marcellus
36	7/9/2023	9313.827899	9148.44565	60	Marcellus
37	7/9/2023	9112.969203	8947.58696	60	Marcellus
38	7/10/2023	8912.110507	8746.72826	60	Marcellus
39	7/10/2023	8711.251812	8545.86957	60	Marcellus
40	7/10/2023	8510.393116	8345.01087	60	Marcellus
41	7/10/2023	8309.53442	8144.15217	60	Marcellus
42	7/10/2023	8108.675725	7943.29348	60	Marcellus
43	7/11/2023	7907.817029	7742.43478	60	Marcellus
44	7/11/2023	7706.958333	7541.57609	60	Marcellus
45	7/11/2023	7506.099638	7340.71739	60	Marcellus
46	7/11/2023	7305.240942	7139.8587	60	Marcellus
47	7/12/2023	7104.382246	6939	60	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	6/30/2023	76.9	8560.4	6834.6	3976	164960	4363.0	N/A
2	6/30/2023	92.2	8751.8	7414.9	3841	399870	7320.1	N/A
3	7/1/2023	96.6	8573.6	5302.0	3838	394530	7214.2	N/A
4	7/1/2023	94.3	8540.6	5819.2	3763	395000	7123.4	N/A
5	7/1/2023	95.7	8737.8	6135.8	3553	402580	7041.9	N/A
6	7/2/2023	95.3	8487.0	5924.3	3841	398530	7026.1	N/A
7	7/2/2023	96.8	8517.1	5884.1	3779	396850	6954.9	N/A
8	7/2/2023	96.5	8639.2	5994.6	3681	398610	6895.6	N/A
9	7/2/2023	96.5	8610.3	6495.3	3894	398150	6921.9	N/A
10	7/3/2023	96.8	8551.3	5633.9	3326	399260	7023.1	N/A
11	7/3/2023	95.5	8261.6	5434.5	3799	394480	6975.3	N/A
12	7/3/2023	96.3	8545.2	5722.7	3682	406070	6965.8	N/A
13	7/4/2023	96.4	8457.4	6013.9	3769	402260	7055.1	N/A
14	7/4/2023	97.6	8384.8	5272.0	3511	397540	6977.3	N/A
15	7/4/2023	97.5	8378.2	5478.7	3603	397940	6857.8	N/A
16	7/4/2023	95.8	8308.5	5701.6	3435	404360	6896.7	N/A
17	7/4/2023	97.1	8237.6	6309.2	3533	398500	6879.0	N/A
18	7/5/2023	97.4	8417.8	6207.1	3305	410560	7081.3	N/A
19	7/5/2023	97.2	8135.7	5564.8	3497	396920	6843.2	N/A
20	7/5/2023	96.5	8337.1	5448.3	3704	402620	6874.6	N/A
21	7/5/2023	96.2	8145.7	6154.5	3271	403360	7001.0	N/A
22	7/6/2023	98.0	8032.5	6007.7	3370	396740	6907.8	N/A
23	7/6/2023	93.9	7886.8	5932.4	3439	399840	6816.4	N/A
24	7/6/2023	97.3	7700.4	5989.0	3474	395540	6810.9	N/A
25	7/7/2023	97.5	7772.5	5824.9	3443	399840	6969.5	N/A
26	7/7/2023	95.5	7762.9	3146.4	3549	396890	6904.7	N/A
27	7/7/2023	97.5	7503.1	5336.7	3416	401250	6900.1	N/A
28	7/7/2023	97.2	7664.4	6057.4	3423	394170	6807.0	N/A
29	7/7/2023	94.4	7791.5	5760.9	3128	398550	6865.5	N/A
30	7/8/2023	97.8	7598.2	5762.8	3325	414380	7003.0	N/A
31	7/8/2023	97.5	7653.5	5857.8	3079	398490	6842.9	N/A
32	7/8/2023	97.4	7810.5	5652.1	3646	401960	6852.5	N/A
33	7/8/2023	97.8	7501.6	5941.9	3025	405760	7023.9	N/A
34	7/9/2023	97.9	7391.8	6172.8	3012	402910	6918.9	N/A
35	7/9/2023	94.7	7275.8	6236.4	3719	410340	8454.0	N/A
36	7/9/2023	97.6	7302.2	5588.0	3171	393800	7046.2	N/A
37	7/9/2023	93.3	6861.3	6014.4	3539	397880	7933.8	N/A
38	7/10/2023	98.2	7317.5	5860.2	3101	408530	8100.8	N/A
39	7/10/2023	98.0	7232.6	5499.8	3251	408920	6804.2	N/A
40	7/10/2023	97.4	7086.2	4605.4	3325	399420	6794.1	N/A
41	7/10/2023	97.9	6999.2	5280.2	2998	399600	6718.3	N/A
42	7/10/2023	97.2	6985.0	6449.1	2899	397320	6707.9	N/A
43	7/11/2023	96.8	7150.4	5150.5	2950	397860	6808.4	N/A
44	7/11/2023	96.1	6982.2	5782.1	3103	398440	6740.8	N/A
45	7/11/2023	98.6	6919.5	5896.5	3075	397930	6807.0	N/A
46	7/11/2023	97.5	6730.2	5733.5	2640	412820	6956.0	N/A
47	7/12/2023	97.4	6824.2	6154.4	2845	404280	6931.0	N/A
	AVERAGE	96	7,858	5,797	3,416	18,596,410	326,717	TOTAL

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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	120	470	120	470
Sandy Siltstone	470	620	470	620
Siltstone, occ SS	620	770	620	770
Sandy Siltstone, occ LS	770	870	770	870
Siltstone, occ SS, tr LS	870	970	870	970
Silty Sandstone, tr shale	970	1,070	970	1,070
Sandstone	1,070	1,170	1,070	1,170
Silty Sandstone	1,170	1,270	1,170	1,270
Shaly Siltstone, tr coal	1,270	1,370	1,270	1,370
Sandy Siltstone, occ shale	1,370	1,620	1,370	1,620
Silty Sandstone, tr coal	1,620	1,870	1,620	1,870
Siltstone, occ LS	1,870	1,845	1,870	1,864
Big Lime	1,875	2,404	1,864	2,442
Fifty Foot Sandstone	2,404	2,526	2,412	2,568
Gordon	2,526	2,825	2,538	2,876
Fifth Sandstone	2,825	2,951	2,846	3,004
Bayard	2,951	3,642	2,974	3,711
Speechley	3,642	3,812	3,681	3,885
Balltown	3,812	4,420	3,855	4,506
Bradford	4,420	4,824	4,476	4,921
Benson	4,824	5,074	4,891	5,178
Alexander	5,074	6,344	5,148	6,508
Sycamore	6,129	6,314	6,258	6,478
Middlesex	6,314	6,428	6,478	6,661
Burkett	6,428	6,477	6,661	6,783
Tully	6,477	6,507	6,783	6,887
Marcellus	6,507	NA	6,887	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:	6/30/2023
Job End Date:	7/12/2023
State:	West Virginia
County:	Doddridge
API Number:	47-017-06942-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Jenkins 1H
Latitude:	39.17763100
Longitude:	-80.83347000
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,567
Total Base Water Volume (gal):	14,145,311
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	86.43184	Density = 8.50
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.17235	

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Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
FDP-S1464-22	Halliburton	Friction Reducer					
				Listed Below			
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
LCA-1	Halliburton	Solvent					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				Listed Below			

Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.

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			Crystalline silica, quartz	14808-60-7	100.00000	13.36816
			Hydrochloric acid	7647-01-0	30.00000	0.03958
			Complex amine compound	Proprietary	60.00000	0.03207
			Hydrotreated distillate	Proprietary	30.00000	0.01603
			Guar gum	9000-30-0	100.00000	0.00593
			Ethoxylated alcohol	Proprietary	5.00000	0.00267
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00267
			Ammonium chloride	12125-02-9	5.00000	0.00267
			Glutaraldehyde	111-30-8	30.00000	0.00251
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00053
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00053
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00042
			Methanol	67-56-1	100.00000	0.00025
			Ammonium persulfate	7727-54-0	100.00000	0.00010
			Ethanol	64-17-5	1.00000	0.00008
			Modified thiourea polymer	Proprietary	30.00000	0.00007
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00007
			Oxylated phenolic resin	Proprietary	30.00000	0.00003
			Hexadecene	629-73-2	5.00000	0.00001
			Ethoxylated alcohols	Proprietary	5.00000	0.00001
			Propargyl alcohol	107-19-7	5.00000	0.00001
			C.I. pigment Orange 5	3468-63-1	1.00000	0.00000
			Hydrotreated distillate	Proprietary	100.00000	

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- * 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(l) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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LATITUDE 39°12'30" 89'

LATITUDE 39°10'00" 8,319' TO BOTTOM HOLE

4,427' TO BOTTOM HOLE
LONGITUDE 80°47'30"

11,215'
LONGITUDE 80°50'00"

Antero Resources Corporation
Well No. Jenkins #1H

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 249,581ft E: 1,621,933ft
LAT: 39°10'39.15" LON: 80°50'01.13"
BOTTOM HOLE INFORMATION:
N: 241,141ft E: 1,625,393ft
LAT: 39°09'16.25" LON: 80°49'15.61"
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.

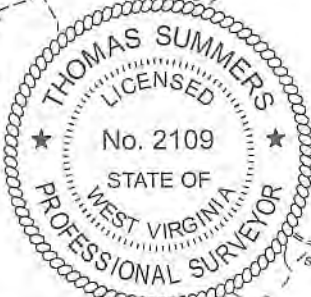
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,336,502m E: 514,384m
BOTTOM HOLE INFORMATION:
N: 4,333,948m E: 515,481m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,226,624ft E: 1,687,559ft
POINT OF ENTRY INFORMATION:
N: 14,227,155ft E: 1,688,087ft
BOTTOM HOLE INFORMATION:
N: 14,218,246ft E: 1,691,159ft

NORTH ZONE
GRID NORTH WM

1H BOTTOM HOLE

1H TOP HOLE



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

SOUTHWEST DISTRICT - DODDRIDGE COUNTY		13-01	MANSFIELD LEESON
8-05	LARRY BANDER	13-03	HUNTER JENKINS
8-06	JOHN WALKTUS	13-04	JACQUELINE PAYNE
9-07	BRIAN PRIZM	13-10	HAROLD HINZMAN
9-08	ROBERT LEE BROWNFIELD JR.	13-21	ERNEST SEEDS
9-09	ANTERO RESOURCES CORPORATION	13-22	MICHAEL MCCLOY
9-10	DELBERT OSBORNE	13-23	DANA LONG
9-11	STEPHEN HARRIS	13-25	DANA LONG
9-11.1	DELBERT OSBORNE	13-42	JAMES HAUGHT
9-13	ANTHONY RAMEY	13-46	JAMES HAUGHT
9-13.1	GARY SANCHEZ	13-47	FLOYD STOUT JR.
9-14	KERRY JUNKINS	13-48	JUDITH MORAN
9-15	ROBERT LEE BROWNFIELD JR.	13-52	STEVEN ADAMS
9-16	HUNTER JENKINS	13-55	DANA LONG
12-01	DAVID BALL JR.	13-71	ROBERT LEE BROWNFIELD JR.
12-05	DAVID BALL JR.	16-01	GOY ADAMS
12-06	JAMES HAUGHT	16-02	UTAHONA WILLIAMS

JOB # 21-005WA
DRAWING # JENKINS1HAD
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
○ Proposed Well Path
○ As Drilled Well Path
Thomas Summers
THOMAS SUMMERS P.S. 2109
DATE 10/24/23
OPERATOR'S WELL# JENKINS #1H



- 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 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.

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 017 - 06942
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT
LOCATION: ELEVATION 1,100.5' - AS BUILT WATERSHED SOUTH FORK HUGHES RIVER
QUADRANGLE OXFORD 7.5' DISTRICT SOUTHWEST COUNTY DODDRIDGE
SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 59.74 ACRES +/- 12/08/2023
OIL & GAS ROYALTY OWNER E. W. OSBORNE ET AL LEASE ACREAGE 180 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 6,504' TVD 16,348' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD
FORM WW-8 DENVER, CO 80202 BRIDGEPORT, WV 26330

LATITUDE 39°12'30" 89'

LATITUDE 39°10'00" 8,319' TO BOTTOM HOLE

4,427' TO BOTTOM HOLE

11,215'

LONGITUDE 80°47'30"

LONGITUDE 80°50'00"

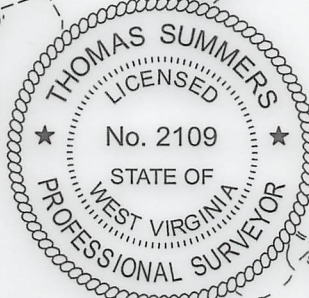
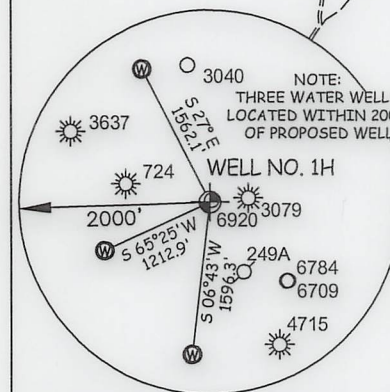
Antero Resources Corporation Well No. Jenkins #1H

AS DRILLED DATA: WELL 1H TOP HOLE INFORMATION: N: 249,581ft E: 1,621,933ft LAT: 39°10'39.15" LON: 80°50'01.13" BOTTOM HOLE INFORMATION: N: 241,141ft E: 1,625,393ft LAT: 39°09'16.25" LON: 80°49'15.61" 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 1H TOP HOLE INFORMATION: N: 4,336,502m E: 514,384m BOTTOM HOLE INFORMATION: N: 4,333,948m E: 515,481m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,226,624ft E: 1,687,559ft POINT OF ENTRY INFORMATION: N: 14,227,155ft E: 1,688,087ft BOTTOM HOLE INFORMATION: N: 14,218,246ft E: 1,691,159ft

WV NORTH ZONE GRID NORTH



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

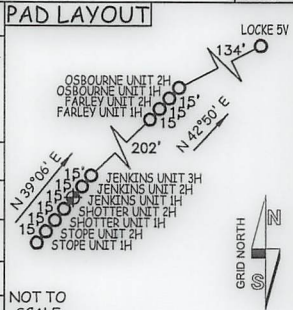
SOUTHWEST DISTRICT - DODDRIDGE COUNTY

Table listing landowners and lease numbers: 8-05 LARRY GANDER, 8-06 JOHN WAITKUS, 9-07 BRIAN PRIM, 9-08 ROBERT LEE BROWNFIELD JR., 9-09 ANTERO RESOURCES CORPORATION, 9-10 DELBERT OSBORNE, 9-11 STEPHEN HARRIS, 9-11.1 DELBERT OSBORNE, 9-13 ANTHONY RAMEY, 9-13.1 GARY SANCHEZ, 9-14 KERRY JUNKINS, 9-15 ROBERT LEE BROWNFIELD JR., 9-16 HUNTER JENKINS, 12-01 DAVID BALL JR., 12-05 DAVID BALL JR., 12-06 JAMES HAUGHT.

Table listing landowners and lease numbers: 13-01 MANSFIELD LEESON, 13-03 HUNTER JENKINS, 13-04 JACQUELINE PAYNE, 13-10 HAROLD HINZMAN, 13-21 ERNEST SEEDS, 13-22 MICHAEL MCLOY, 13-23 DANA LONG, 13-25 DANA LONG, 13-42 JAMES HAUGHT, 13-46 JAMES HAUGHT, 13-47 FLOYD STOUT JR., 13-48 JUDITH MORAN, 13-52 STEVEN ADAMS, 13-55 DANA LONG, 13-71 ROBERT LEE BROWNFIELD JR., 16-01 COY ADAMS, 16-02 UTAHONA WILLIAMS.

JOB # 21-005WA DRAWING # JENKINS1HAD SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND: Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Proposed Well Path, As Drilled Well Path. THOMAS SUMMERS P.S. 2109 DATE 10/24/23 OPERATOR'S WELL# JENKINS #1H



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