

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

API 47-017-06926 County Doddridge District West Union  
Quad West Union 7.5' Pad Name OXFD 98 Field/Pool Name -----  
Farm name Michael R. Britton & Angela D. Pratt Well Number Aspen 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 4344908m Easting 517308m  
Landing Point of Curve Northing 4345261.38m Easting 517829.94m  
Bottom Hole Northing 4347765m Easting 517506m

Elevation (ft) 1120' 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 6/15/2022 Date drilling commenced 7/6/2022 Date drilling ceased 9/14/2022  
Date completion activities began 11/30/2022 Date completion activities ceased 1/3/2023  
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 123, 1001' Open mine(s) (Y/N) depths No  
Salt water depth(s) ft 1653' Void(s) encountered (Y/N) depths No  
Coal depth(s) ft 120' Cavern(s) encountered (Y/N) depths No  
Is coal being mined in area (Y/N) No

**APPROVED**

Reviewed by:  
ITR  
12/08/2023

API 47-017 - 06926 Farm name Michael R. Britton & Angela D. Pratt Well number Aspen 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"	125.5'	New	78.67#, X-60	N/A	Y
Surface	17-1/2"	13-3/8"	385'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2670'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	16223'	New	20#, P-100	N/A	Y
Tubing		2-3/8"	6879'		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	218 sx	15.6	1.18	257	0'	8 Hrs.
Surface	Class A	380 sx	15.6	1.20	456	0'	8 Hrs.
Coal							
Intermediate 1	Class A	955 sx	15.6	1.20	1146	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	2369 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.26 (Tail)	2985	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 19700' MD, 6600' TVD (BHL), 6734' (Deepest Point Drilled) Loggers TD (ft) 19700' MD  
 Deepest formation penetrated Marcellus Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) \_\_\_\_\_

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





API 47-017-06926 Farm Name Micael R Britton & Angela D. Pratt Well Number Aspen Unit 1H

**Exhibit 1**

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	11/30/2022	16115	16073	60	Marcellus
2	12/1/2022	16034.67803	15870.0682	60	Marcellus
3	12/1/2022	15834.74621	15670.1364	60	Marcellus
4	12/1/2022	15634.81439	15470.2045	60	Marcellus
5	12/1/2022	15434.88258	15270.2727	60	Marcellus
6	12/2/2022	15234.95076	15070.3409	60	Marcellus
7	12/2/2022	15035.01894	14870.4091	60	Marcellus
8	12/2/2022	14835.08712	14670.4773	60	Marcellus
9	12/2/2022	14635.1553	14470.5455	60	Marcellus
10	12/2/2022	14435.22348	14270.6136	60	Marcellus
11	12/3/2022	14235.29167	14070.6818	60	Marcellus
12	12/3/2022	14035.35985	13870.75	60	Marcellus
13	12/3/2022	13835.42803	13670.8182	60	Marcellus
14	12/3/2022	13635.49621	13470.8864	60	Marcellus
15	12/3/2022	13435.56439	13270.9545	60	Marcellus
16	12/3/2022	13235.63258	13071.0227	60	Marcellus
17	12/3/2022	13035.70076	12871.0909	60	Marcellus
18	12/4/2022	12835.76894	12671.1591	60	Marcellus
19	12/4/2022	12635.83712	12471.2273	60	Marcellus
20	12/4/2022	12435.9053	12271.2955	60	Marcellus
21	12/4/2022	12235.97348	12071.3636	60	Marcellus
22	12/5/2022	12036.04167	11871.4318	60	Marcellus
23	12/5/2022	11836.10985	11671.5	60	Marcellus
24	12/5/2022	11636.17803	11471.5682	60	Marcellus
25	12/5/2022	11436.24621	11271.6364	60	Marcellus
26	12/5/2022	11236.31439	11071.7045	60	Marcellus
27	12/6/2022	11036.38258	10871.7727	60	Marcellus
28	12/6/2022	10836.45076	10671.8409	60	Marcellus
29	12/6/2022	10636.51894	10471.9091	60	Marcellus
30	12/6/2022	10436.58712	10271.9773	60	Marcellus
31	12/6/2022	10236.6553	10072.0455	60	Marcellus
32	12/6/2022	10036.72348	9872.11364	60	Marcellus
33	12/7/2022	9836.791667	9672.18182	60	Marcellus
34	12/7/2022	9636.859848	9472.25	60	Marcellus
35	12/7/2022	9436.92803	9272.31818	60	Marcellus
36	12/7/2022	9236.996212	9072.38636	60	Marcellus
37	12/7/2022	9037.064394	8872.45455	60	Marcellus
38	12/7/2022	8837.132576	8672.52273	60	Marcellus
39	12/8/2022	8637.200758	8472.59091	60	Marcellus
40	12/8/2022	8437.268939	8272.65909	60	Marcellus
41	12/8/2022	8237.337121	8072.72727	60	Marcellus
42	12/8/2022	8037.405303	7872.79545	60	Marcellus
43	12/8/2022	7837.473485	7672.86364	60	Marcellus
44	12/8/2022	7637.541667	7472.93182	60	Marcellus
45	12/9/2022	7437.609848	7273	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	11/30/2022	82.5	8245.717	8275.99	3729.449	174370	207228	N/A
2	12/1/2022	90.0	8408.87	5136.65	4369.752	406170	300510	N/A
3	12/1/2022	90.7	8447.804	4078.9	4503.414	394520	293492	N/A
4	12/1/2022	93.8	8529.211	5040.01	4444.445	394498	298220	N/A
5	12/1/2022	89.4	8420.022	5122.04	3629.275	395610	330583	N/A
6	12/2/2022	91.2	8361	5855	3534	393620	297189	N/A
7	12/2/2022	87.2	8235.437	5871.32	3593.24	398160	279015	N/A
8	12/2/2022	85.7	8026	5838	3730	391540	266329	N/A
9	12/2/2022	92.5	8331.219	6051.62	3699.425	393600	279240	N/A
10	12/2/2022	94.5	8492	5594	3769	389690	280085	N/A
11	12/3/2022	96.4	8411	6009	3792	393380	283700	N/A
12	12/3/2022	95.9	8521	5865	3582	396500	310108	N/A
13	12/3/2022	91.1	8359.229	6190.23	3497.514	397420	283509	N/A
14	12/3/2022	96.7	8416.533	6086.35	3453.541	393100	281450	N/A
15	12/3/2022	96.3	8440.244	5807.44	3438.776	392800	279397	N/A
16	12/3/2022	97.3	8459	6146	3298	401600	285996	N/A
17	12/3/2022	97.5	8362	3431	3201	394660	280368	N/A
18	12/4/2022	97.5	8410	3207	3349	393080	282930	N/A
19	12/4/2022	97.4	8450.074	6004.06	3439.452	391530	289667	N/A
20	12/4/2022	94.1	8376	6040	3529	390740	301101	N/A
21	12/4/2022	95.2	8445	3956	3509	390940	284294	N/A
22	12/5/2022	97.9	8240	3733	3368	394650	301826	N/A
23	12/5/2022	95.5	8308	5997	3439	411420	284247	N/A
24	12/5/2022	96.5	8317	6604	3264	393710	275744	N/A
25	12/5/2022	96.4	8300.693	6433.71	3366.616	358300	261632	N/A
26	12/5/2022	97.5	8114	6381	3547	397740	289373	N/A
27	12/6/2022	97.8	8308	2961	3413	395760	300143	N/A
28	12/6/2022	96.3	8052	6029	3339	403760	284197	N/A
29	12/6/2022	91.9	7900.447	4941.95	3301.204	393570	279263	N/A
30	12/6/2022	96.2	8075.119	5646.85	3280.057	394900	277428	N/A
31	12/6/2022	96.5	7903.701	6041.11	3344.229	413550	289053	N/A
32	12/6/2022	97.2	7851	5884.99	3334.409	401900	283620	N/A
33	12/7/2022	97.9	7979.372	6098.04	3471.818	397008	280959	N/A
34	12/7/2022	98.3	7883.593	5702.6	3464.562	398030	309342	N/A
35	12/7/2022	96.5	7748.812	6053.23	3319.473	401400	281710	N/A
36	12/7/2022	90.6	7424.212	5753.92	3207.795	398570	275465	N/A
37	12/7/2022	96.6	7516	3655	3511	396790	310677	N/A
38	12/7/2022	98.7	7486	2086	3395	399500	287071	N/A
39	12/8/2022	97.6	7571	4236	3378	402900	280288	N/A
40	12/8/2022	96.4	7481	5949	3561	396160	274078	N/A
41	12/8/2022	96.6	7520	6333	3608	392550	274304	N/A
42	12/8/2022	97.5	7316.581	5996.87	3484.513	399250	290213	N/A
43	12/8/2022	96.0	7392	5348	3755	396170	271210	N/A
44	12/8/2022	98.3	7325	2289	3632	403080	283417	N/A
45	12/9/2022	97.9	7228	2190	3976	395690	275915	N/A
	AVERAGE	95	8,075	5,288	3,552	17,603,886	12,819,786	0

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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, tr coal	154	304	154	304
Shaley Siltstone	304	424	304	424
Sandy Siltstone	424	664	424	664
Shaley Siltstone, tr coal	544	754	544	754
Shaley Siltstone	664	754	664	754
Shaley Siltstone, tr coal	754	814	754	814
Shaley Siltstone, tr SS	814	934	814	934
Sandy Shale w/ coal	934	1,054	934	1,054
Sandy Shale w/ tr coal	1,054	1,234	1,054	1,234
Shaley Sandstone w/ coal	1,234	1,324	1,234	1,324
Silty Sandstone, tr shale	1,324	1,594	1,324	1,594
Silty Sandstone w/ shale	1,594	1,684	1,594	1,684
Shaly Sandstone w/ tr siltstone	1,684	1,744	1,684	1,744
Silty Sandstone w/ tr coal	1,744	1,804	1,744	1,804
Silty Sandstone, tr shale	1,804	1,909	1,804	1,955
Big Lime	1,935	2,543	1,955	2,624
Fifty Foot Sandstone	2,543	2,594	2,598	2,677
Gordon	2,594	2,826	2,651	2,926
Fifth Sandstone	2,826	3,026	2,900	3,139
Bayard	3,026	3,684	3,113	3,840
Speechley	3,684	3,926	3,814	4,098
Balltown	3,926	4,434	4,072	4,638
Bradford	4,434	4,866	4,612	5,094
Benson	4,866	5,140	5,068	5,388
Alexander	5,140	6,397	5,362	6,771
Sycamore	6,239	6,371	6,571	6,745
Middlesex	6,371	6,505	6,745	6,990
Burkett	6,505	6,535	6,990	7,073
Tully	6,535	6,577	7,073	7,225
Marcellus	6,577	NA	7,225	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:	11/30/2022
Job End Date:	12/9/2022
State:	West Virginia
County:	Doddrige
API Number:	47-017-06926-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Aspen 1H
Latitude:	39.25324000
Longitude:	-80.79958000
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,732
Total Base Water Volume (gal):	13,267,336
Total Base Non Water Volume:	0

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### 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
Fresh Water	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	86.08233	Density = 8.34
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.15667	



WG-36 GELLING AGENT	Halliburton	Gelling Agent					
				Listed Below			
Chemstream StimSTREAM FR 9750	Chemstream Oilfield Services	Friction Reducer					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
MC B-8614A	MultiChem	Biocide					
				Listed Below			
Chemstream StimSTREAM FR 9800	Chemstream, Inc.	Friction Reducer					
				Listed Below			
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker					
				Listed Below			

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LEGEND(TM) LD-7750W	MultiChem	Scale Control					
				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	13.69535	
			Hydrochloric acid	7647-01-0	30.00000	0.04162	
			Distillates (petroleum), hydrotreated light	64742-47-8	25.00000	0.01446	
			Guar gum	9000-30-0	100.00000	0.00742	
			Methanol	67-56-1	100.00000	0.00710	
			Alcohols, C11-14-iso, C- 13-rich, ethoxylated	78330-21-9	5.00000	0.00289	
			Glutaraldehyde	111-30-8	30.00000	0.00253	
			Phosphoric Acid Salt	Proprietary	5.00000	0.00057	
			Sodium chloride	7647-14-5	5.00000	0.00057	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00042	
			Ammonium persulfate	7727-54-0	100.00000	0.00016	
			Ethanol	64-17-5	1.00000	0.00008	
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00008	
			Modified thiourea polymer	Proprietary	30.00000	0.00008	
			Oxylated phenolic resin	Proprietary	30.00000	0.00005	
			Ethoxylated alcohols	Proprietary	5.00000	0.00001	
			Hexadecene	629-73-2	5.00000	0.00001	
			Propargyl alcohol	107-19-7	5.00000	0.00001	
			Formaldehyde	50-00-0	0.10000	0.00001	
			C.I. pigment Orange 5	3468-63-1	1.00000	0.00000	
			Ethoxylated alcohols (C12-16)	68213-23-0	3.00000		
			Butene, homopolymer	9003-29-6	25.00000		

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		Alkanes, C16-20-iso-	Proprietary	25.00000		
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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(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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LATITUDE 39°17'30"

2,242'

LATITUDE 39°17'30"

1,567' TO BOTTOM HOLE

Antero Resources Corporation Well No. Aspen 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 277,007ft E: 1,631,987ft LAT: 39°15'11.66" LON: 80°47'58.50" BOTTOM HOLE INFORMATION: N: 286,362ft E: 1,632,797ft LAT: 39°16'44.24" LON: 80°47'49.92" 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: 4,344,908m E: 517,307m BOTTOM HOLE INFORMATION: N: 4,347,762m E: 517,506m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,254,204ft E: 1,697,151ft POINT OF ENTRY INFORMATION: N: 14,254,690ft E: 1,699,031ft BOTTOM HOLE INFORMATION: N: 14,263,568ft E: 1,697,805ft

Table listing West Union District and various well owners/leases including Alfred Perine, Gail DeBerry, Lisa Meyer, Dennis Hayes, Marvin Rollins, Glenn Whitehair, Mark Smith, Michael Alagonelli, Richard Leggett, Richard Leggett, Richard Leggett, Mary Nealer, Danny Harris, Roger Barron, Danny Harris, Coastal Forest Resources Co, Doddridge County Board of Education, Coastal Forest Resources Co, Coastal Forest Resources Co, Coastal Forest Resources Co, Drexelene Perrine, Michael Wilkinson, Michael Wilkinson, John-Tren, Loren Smith, Kenneth Hughes, Glade Perine, Donald Perine, EQM Gathering OPCO LLC, Michael Britton, Russell Nelson, Arnold Creek UB Church, Michael Wilkinson, Loren Smith, EQM Gathering OPCO LLC, Loren Smith, Loren Smith, Jessie Vanscoy, Loren Smith, Diane Bennett, CNG Transmission Corp, Loren Smith, Mary Secrist.

WV NORTH ZONE GRID NORTH

4,630' TO BOTTOM HOLE

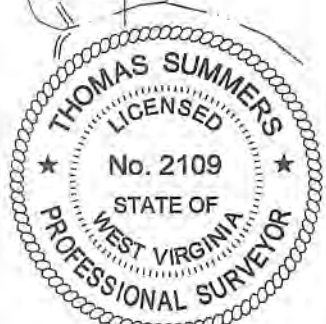
LONGITUDE 80°47'30"



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.

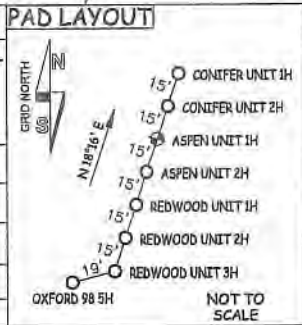


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 19-039WA DRAWING # ASPEN1HAD SCALE 1" = 2000' 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 DATE 04/14/23 OPERATOR'S WELL# ASPEN 1H



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 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 X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 017 - 06926 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,120' - AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE WEST UNION 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE SURFACE OWNER MICHAEL R. BRITTON & ANGELA D. PRATT ACREAGE 136.56 ACRES +/- 12/08/2023 OIL & GAS ROYALTY OWNER MICHAEL S. FRANCIS ET AL; RICHARD W. MINNIS ET AL; XTO ENERGY INC. FEE; LEASE ACREAGE 173 AC±; 69 AC±; 14.84 AC±; JAMES P. GAINES ET UX; SHIRLEY W. FLEMING; FRANKLIN L. BUTLER; J.S. NETZER ET UX; 200 AC±; 29 AC±; 109 AC±; 85 AC±; WILMER ROLLINS ET UX; A. K. ROLLINS ET UX; BENJAMIN F. HEFLIN ET UX; MELISSA A. CROSS 75 AC±; 40 AC±; 60 AC±; 62.5 AC± PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER X REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,734' TVD 16,223' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS ADDRESS 1615 WYNKOOP ST. ADDRESS 554 WHITE OAKS BLVD DENVER, CO 80202 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT