

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

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API 47 - 017 - 06994 County Doddridge District New Milton
Quad New Milton Pad Name Brushy Pad Field/Pool Name -----
Farm name Sandra E. Erwin Well Number Wysong 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 4334234m Easting 526285m
Landing Point of Curve Northing 4332521m Easting 526136m
Bottom Hole Northing 4330095m Easting 526991m

Elevation (ft) 1213' 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 9/2/2025 Date drilling commenced 10/1/2025 Date drilling ceased 1/30/2026
Date completion activities began 4/6/2026 Date completion activities ceased 5/11/2026
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 702' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 2307' 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:

Reviewed

09/04/2026

Shun
8-12-26

API 47-017 - 06994 Farm name Sandra E. Erwin Well number Wysong 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	94#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	820'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3726'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	19458'	New	20#, P-110	N/A	
Tubing		2-3/8"	7813'		4.7#, P-110		
Packer type and depth set		N/A					

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Comment Details _____

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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	373 sx	15.6	1.18	440	0'	8 Hrs.
Surface	Class A	657 sx	15.6	1.19	782	0'	8 Hrs.
Coal							
Intermediate 1	Class H	1251 sx	15.6	1.18	1476	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class G	3178 sx	13.5 (Lead), 15.2 (Tail)	1.26 (Lead)	4004	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 19458' MD, 7035' TVD (BHL), 7220' (Deepest Point Drilled) Loggers TD (ft) 19458' MD

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

Plug back procedure N/A

Kick off depth (ft) 7166'

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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PERFORATION RECORD

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

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PRODUCING FORMATION(S)	DEPTHS		
Marcellus	7118' (TOP)	TVD	8059' (TOP) MD

Please insert additional pages as applicable.

GAS TEST ☐ Build up ☐ Drawdown ☒ Open Flow OIL TEST ☒ Flow ☐ Pump

SHUT-IN PRESSURE Surface 2379 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 14737 mcfpd Oil 57 bpd NGL --- bpd Water 898 bpd GAS MEASURED BY ☐ Estimated ☒ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
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***PLEASE SEE ATTACHED EXHIBIT 3**

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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 SLB
Address 5599 San Felipe, 17th Floor City Houston State TX Zip 77056

Stimulating Company NexTier Completion Solutions
Address 3990 Rogerdale Rd City Houston State TX Zip 77042

Please insert additional pages as applicable.

Completed by Carly Wren Telephone 303-357-7373
Signature [Signature] Title Permitting Agent Date 7/31/20

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

09/04/2026
[Signature]

API 47-017-06994 Farm Name Sandra E. Erwin Well Number Wysong Unit 1H					
Exhibit 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	4/6/2026	19413.0	19398.0	60	Marcellus
2	4/6/2026	19359.4	19193.5	60	Marcellus
3	4/7/2026	19158.0	18992.1	60	Marcellus
4	4/7/2026	18956.5	18790.6	60	Marcellus
5	4/8/2026	18755.0	18589.1	60	Marcellus
6	4/8/2026	18553.6	18387.7	60	Marcellus
7	4/8/2026	18352.1	18186.2	60	Marcellus
8	4/9/2026	18150.6	17984.8	60	Marcellus
9	4/9/2026	17949.2	17783.3	60	Marcellus
10	4/10/2026	17747.7	17581.8	60	Marcellus
11	4/11/2026	17546.2	17380.4	60	Marcellus
12	4/11/2026	17344.8	17178.9	60	Marcellus
13	4/12/2026	17143.3	16977.4	60	Marcellus
14	4/12/2026	16941.9	16776.0	60	Marcellus
15	4/12/2026	16740.4	16574.5	60	Marcellus
16	4/13/2026	16538.9	16373.0	60	Marcellus
17	4/13/2026	16337.5	16171.6	60	Marcellus
18	4/13/2026	16136.0	15970.1	60	Marcellus
19	4/13/2026	15934.5	15768.6	60	Marcellus
20	4/14/2026	15733.1	15567.2	60	Marcellus
21	4/14/2026	15531.6	15365.7	60	Marcellus
22	4/14/2026	15330.1	15164.3	60	Marcellus
23	4/14/2026	15128.7	14962.8	60	Marcellus
24	4/15/2026	14927.2	14761.3	60	Marcellus
25	4/15/2026	14725.7	14559.9	60	Marcellus
26	4/15/2026	14524.3	14358.4	60	Marcellus
27	4/15/2026	14322.8	14156.9	60	Marcellus
28	4/16/2026	14121.4	13955.5	60	Marcellus
29	4/16/2026	13919.9	13754.0	60	Marcellus
30	4/16/2026	13718.4	13552.5	60	Marcellus
31	4/16/2026	13517.0	13351.1	60	Marcellus
32	4/17/2026	13315.5	13149.6	60	Marcellus
33	4/17/2026	13114.0	12948.1	60	Marcellus
34	4/17/2026	12912.6	12746.7	60	Marcellus
35	4/18/2026	12711.1	12545.2	60	Marcellus
36	4/18/2026	12509.6	12343.8	60	Marcellus
37	4/18/2026	12308.2	12142.3	60	Marcellus
38	4/18/2026	12106.7	11940.8	60	Marcellus
39	4/19/2026	11905.2	11739.4	60	Marcellus
40	4/19/2026	11703.8	11537.9	60	Marcellus
41	4/19/2026	11502.3	11336.4	60	Marcellus
42	4/19/2026	11300.9	11135.0	60	Marcellus
43	4/20/2026	11099.4	10933.5	60	Marcellus
44	4/20/2026	10897.9	10732.0	60	Marcellus
45	4/20/2026	10696.5	10530.6	60	Marcellus
46	4/21/2026	10495.0	10329.1	60	Marcellus
47	4/21/2026	10293.5	10127.6	60	Marcellus
48	4/21/2026	10092.1	9926.2	60	Marcellus
49	4/21/2026	9890.6	9724.7	60	Marcellus
50	4/21/2026	9689.1	9523.3	60	Marcellus
51	4/21/2026	9487.7	9321.8	60	Marcellus
52	4/22/2026	9286.2	9120.3	60	Marcellus
53	4/22/2026	9084.7	8918.9	60	Marcellus
54	4/22/2026	8883.3	8717.4	60	Marcellus
55	4/22/2026	8681.8	8515.9	60	Marcellus
56	4/22/2026	8480.4	8314.5	60	Marcellus
57	4/23/2026	8278.9	8113.0	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	4/6/2026	78.6	9496	6369	4981	110787	3520	N/A
2	4/6/2026	95.3	9761	4594	5144	409000	7095	N/A
3	4/7/2026	97.0	9926	6660	4492	408998	6951	N/A
4	4/7/2026	94.8	9741	5800	3841	408390	6968	N/A
5	4/8/2026	95.5	9793	6280	4433	413100	6820	N/A
6	4/8/2026	97.3	9977	6259	4348	404540	7216	N/A
7	4/8/2026	96.8	9867	5498	4484	408000	6993	N/A
8	4/9/2026	97.2	9788	7079	4649	410760	6971	N/A
9	4/9/2026	93.9	9410	4818	4076	409110	6976	N/A
10	4/10/2026	97.0	9813	6572	4401	410270	7090	N/A
11	4/11/2026	98.1	9902	5923	4425	413880	7018	N/A
12	4/11/2026	95.5	9510	4901	4088	400720	7076	N/A
13	4/12/2026	98.1	9791	6660	4416	408240	7008	N/A
14	4/12/2026	97.8	9874	6846	4500	413530	6882	N/A
15	4/12/2026	96.9	9684	6707	4507	402780	6931	N/A
16	4/13/2026	95.3	9463	6171	4657	409110	6995	N/A
17	4/13/2026	98.3	9536	3345	4529	408875	6907	N/A
18	4/13/2026	98.5	9599	6305	4585	408770	6823	N/A
19	4/13/2026	98.3	9603	6225	4225	411110	6980	N/A
20	4/14/2026	92.5	9190	4968	3958	412085	6988	N/A
21	4/14/2026	98.2	9557	5555	4681	409000	6894	N/A
22	4/14/2026	98.4	9582	5551	4745	410030	6859	N/A
23	4/14/2026	98.2	9478	5030	4391	411900	7014	N/A
24	4/15/2026	98.6	9441	6459	4183	410000	6890	N/A
25	4/15/2026	97.9	9631	4401	4084	409000	6888	N/A
26	4/15/2026	97.2	9694	6346	4411	410820	6769	N/A
27	4/15/2026	95.0	8874	5603	4462	401778	6810	N/A
28	4/16/2026	95.0	9046	6888	4497	409910	6947	N/A
29	4/16/2026	98.5	8827	3767	4609	407256	6770	N/A
30	4/16/2026	95.6	9256	6149	4437	410690	6785	N/A
31	4/16/2026	97.8	8595	4626	4055	411810	6830	N/A
32	4/17/2026	97.0	8819	7207	3948	407630	6925	N/A
33	4/17/2026	98.8	9090	4389	4446	407327	6817	N/A
34	4/17/2026	95.8	9025	8049	4172	407570	6796	N/A
35	4/18/2026	96.7	9030	7321	4064	407630	6755	N/A
36	4/18/2026	97.7	8871	4323	4432	407260	6839	N/A
37	4/18/2026	97.7	8875	4715	4501	414100	6808	N/A
38	4/18/2026	98.1	8780	6794	3915	415110	6665	N/A
39	4/19/2026	98.5	8505	6724	3944	404590	6905	N/A
40	4/19/2026	98.3	8710	4622	4695	409894	6762	N/A
41	4/19/2026	98.4	8639	16	4261	408140	6827	N/A
42	4/19/2026	96.1	8374	6639	4352	407250	6654	N/A
43	4/20/2026	98.1	8512	6793	4403	406110	6617	N/A
44	4/20/2026	98.3	8622	6206	4824	409270	6887	N/A
45	4/20/2026	97.8	8424	6612	3976	408500	6746	N/A
46	4/21/2026	98.1	8376	6649	4642	406110	6881	N/A
47	4/21/2026	97.3	8267	6468	4084	406220	6812	N/A
48	4/21/2026	98.8	8461	4979	4594	410530	6738	N/A
49	4/21/2026	98.7	8219	5917	4416	409070	6685	N/A
50	4/21/2026	96.4	7675	6356	4496	411730	6563	N/A
51	4/21/2026	97.1	7880	6399	4213	405350	6404	N/A
52	4/22/2026	97.5	7838	6896	3709	406110	6408	N/A
53	4/22/2026	97.5	7894	4923	4408	406610	6805	N/A
54	4/22/2026	98.0	7923	5619	4316	406610	6815	N/A
55	4/22/2026	97.7	7668	4509	4314	402049	6811	N/A
56	4/22/2026	98.8	7756	6332	4316	408010	6807	N/A
57	4/23/2026	99.1	7435	4335	4013	402310	6787	N/A
	AVERAGE	97	9,007	5,757	4,364	22,985,339	387,183	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
Silty Sandstone	84	274	84	274
Sandstone, Occ Siltstone	274	424	274	424
Silty Sandstone	424	724	424	724
Sandstone, Siltstone	624	1,174	624	1,174
Sandy Siltstone	724	1,174	724	1,174
Sandy Siltstone	1,174	1,274	1,174	1,274
Siltstone, tr Sandstone	1,274	1,324	1,274	1,324
Siltstone, tr Sandstone, tr Shale	1,324	1,824	1,324	1,824
Sandstone	1,824	2,124	1,824	2,124
Sandstone, Occ Siltstone	2,124	2,274	2,124	2,274
Sandstone	2,274	2,324	2,274	2,324
Silty Sandstone	2,324	2,306	2,324	2,382
Big Lime	2,332	2,764	2,382	2,901
Fifty Foot Sandstone	2,764	2,954	2,875	3,114
Gordon	2,954	3,083	3,088	3,259
Fifth Sandstone	3,083	3,346	3,233	3,550
Bayard	3,346	3,919	3,524	4,184
Speechley	3,919	4,102	4,158	4,396
Balltown	4,102	4,770	4,370	5,156
Bradford	4,770	5,243	5,130	5,688
Benson	5,243	5,499	5,662	5,983
Alexander	5,499	6,884	5,957	7,572
Sycamore	6,697	6,858	7,341	7,546
Middlesex	6,858	6,996	7,546	7,766
Burkett	6,996	7,033	7,766	7,836
Tully	7,033	7,118	7,836	8,059
Marcellus	7,118	NA	8,059	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.

09/04/2026

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	04/06/2026
Job End Date:	04/23/2026
State:	West Virginia
County:	Doddridge
API Number:	47-017-06994-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Wysong Unit 1H
Latitude:	39.156916
Longitude:	-80.695776
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7132
Total Base Water Volume (gal)*:	16904790
Total Base Non Water Volume:	0



Water Source	Percent
Groundwater, < 1000TDS	100.00%

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
100 mesh sand	NexTier Completions Solutions	Propping Agent					
15% HCl	Tarquin	Acid					
BELE LT Breaker	Chemstream	Breaker					
CIA-12	NexTier Completions Solutions	Acid corrosion inhibitor					
Clearal 268A	Chemstream	Biocide					
CoilSTREAM VB 625	Chemstream	Visc. Builder					
Other Chemical(s)	Listed Above	See Trade Name(s)					
StimSTEAM FR 9750	Chemstream	Friction Reducer					
StimSTREAM SC 398	Chemstream	Scale Control					

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Water	Operator	Carrier Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	85.60208	
			Crystalline Silica	14808-60-7	99.90000	13.98145	
			Water	7732-18-5	85.00000	0.27232	
			Hydrochloric Acid	7647-01-0	15.00000	0.04806	
			Aluminum Oxide	1344-28-1	0.10000	0.01400	
			Distillates (petroleum), hydrotreated light	64742-47-8	25.00000	0.01342	
			Water	7732-18-5	90.00000	0.00743	
			Non-hazardous substances	Proprietary	90.00000	0.00740	
			Heavy Aliphatic Naphtha	64742-96-7	60.00000	0.00575	
			Guar gum	9000-30-0	50.00000	0.00479	
			Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.00000	0.00268	
			Ammonium Persulfate	7727-54-0	89.00000	0.00183	
			Glutaraldehyde	111-30-8	20.00000	0.00165	
			Bis(HexaMethylene Triamine Penta (Methylene Phosphoric Acid)) (BHMT)	34690-00-1	10.00000	0.00082	
			Trade Secret	Proprietary	5.00000	0.00048	
			Trade Secret	Proprietary	3.00000	0.00029	
			Trade Secret	Proprietary	3.00000	0.00029	
			Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	3.00000	0.00025	
			Didecyldimethylammonium Chloride	7173-51-5	3.00000	0.00025	
			Ethylene glycol	107-21-1	45.00000	0.00014	
			Glycol Ether EB	111-76-2	45.00000	0.00014	
			N,N-Dimethylformamide	68-12-2	20.00000	0.00006	
			Tar bases,quinoline derivs.,benzyl chloride-quaternized	72480-70-7	20.00000	0.00006	
			Water	7732-18-5	15.00000	0.00005	
			Cinnamaldehyde	104-55-2	10.00000	0.00003	
			Nonylphenol ethoxylated	127087-87-0	10.00000	0.00003	
			Alcohols, C6-12	68603-15-6	10.00000	0.00003	

* 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%

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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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