

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

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Office Of Oil and Gas
JAN 19 2024
WV Department of
Environmental Protection

API 47 - 103 - 03559 County Wetzel District Green
Quad Porter Falls Pad Name Ingold Field/Pool Name -----
Farm name Karen & Ernest Clark Well Number Skinner Hollow 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 4378243.273m Easting 517815.969m
Landing Point of Curve Northing 4353884.93m Easting 545406.97m
Bottom Hole Northing 4383098.465m Easting 516398.820m

Elevation (ft) 1255' 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

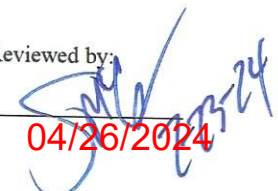
Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
Air - Foam & 4% KCL
Mud - Polymer

Date permit issued 3/6/2023 Date drilling commenced 4/1/2023 Date drilling ceased 5/28/2023
Date completion activities began 8/12/2023 Date completion activities ceased 9/30/2023
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 460' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1983', 1990' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 600', 800' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by: 
04/26/2024

API 47- 103 - 03559 Farm name Karen & Ernest Clark Well number Skinner Hollow 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	28"	20"	125.5'	New	91.59#, J-55	N/A	Y
Surface	17-1/2"	13-3/8"	574'	New	54.5#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	3475'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	22596'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	7136.6'		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	338 sx	15.6	1.18	399	0'	8 Hrs.
Surface	Class A	508 sx	15.6	1.20	610	0'	8 Hrs.
Coal							
Intermediate 1	Class A	1171 sx	15.6	1.20	1405	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	3787 sx (Tail)	13.5 (Lead), 15.2(Tail)	1.26 (Tail)	4772	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 22596' MD, 6948' TVD (BHL), 6953' (Deepest Point Drilled) Loggers TD (ft) 22596' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A

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Kick off depth (ft) 6163'

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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API 47- 103 - 03559

Farm name Karen & Ernest Clark

Well number Skinner Hollow Unit 2H

PRODUCING FORMATION(S)

DEPTHS

Marcellus 6870' (TOP) TVD 7383' (TOP) MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1927 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 15546 mcfpd Oil 770 bpd NGL --- bpd Water 954 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 2001 Kirby Drive Suite 200 City Houston State TX Zip 77019

Cementing Company Halliburton Energy Services

Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114

Stimulating Company Halliburton

Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114

Please insert additional pages as applicable.

Completed by Carly Marvel

Signature Carly Marvel Title Permitting Agent Telephone 303-357-7373 Date 1/8/2024

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

04/26/2024 

API 47-103-03559 Farm Name Karen & Ernest Clark Well Number Skinner Hollow Unit 2H

Exhibit 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	8/12/2023	22470	22425	60	Marcellus
2	8/12/2023	22386.68667	22222.12	60	Marcellus
3	8/12/2023	22186.80667	22022.24	60	Marcellus
4	8/13/2023	21986.92667	21822.36	60	Marcellus
5	8/13/2023	21787.04667	21622.48	60	Marcellus
6	8/13/2023	21587.16667	21422.6	60	Marcellus
7	8/13/2023	21387.28667	21222.72	60	Marcellus
8	8/13/2023	21187.40667	21022.84	60	Marcellus
9	8/14/2023	20987.52667	20822.96	60	Marcellus
10	8/14/2023	20787.64667	20623.08	60	Marcellus
11	8/15/2023	20587.76667	20423.2	60	Marcellus
12	8/15/2023	20387.88667	20223.32	60	Marcellus
13	8/15/2023	20188.00667	20023.44	60	Marcellus
14	8/16/2023	19988.12667	19823.56	60	Marcellus
15	8/16/2023	19788.24667	19623.68	60	Marcellus
16	8/17/2023	19588.36667	19423.8	60	Marcellus
17	8/17/2023	19388.48667	19223.92	60	Marcellus
18	8/18/2023	19188.60667	19024.04	60	Marcellus
19	8/18/2023	18988.72667	18824.16	60	Marcellus
20	8/19/2023	18788.84667	18624.28	60	Marcellus
21	8/19/2023	18588.96667	18424.4	60	Marcellus
22	8/19/2023	18389.08667	18224.52	60	Marcellus
23	8/20/2023	18189.20667	18024.64	60	Marcellus
24	8/20/2023	17989.32667	17824.76	60	Marcellus
25	8/21/2023	17789.44667	17624.88	60	Marcellus
26	8/21/2023	17589.56667	17425	60	Marcellus
27	8/21/2023	17389.68667	17225.12	60	Marcellus
28	8/22/2023	17189.80667	17025.24	60	Marcellus
29	8/22/2023	16989.92667	16825.36	60	Marcellus
30	8/22/2023	16790.04667	16625.48	60	Marcellus
31	8/23/2023	16590.16667	16425.6	60	Marcellus
32	8/23/2023	16390.28667	16225.72	60	Marcellus
33	8/23/2023	16190.40667	16025.84	60	Marcellus
34	8/24/2023	15990.52667	15825.96	60	Marcellus
35	8/24/2023	15790.64667	15626.08	60	Marcellus
36	8/24/2023	15590.76667	15426.2	60	Marcellus
37	8/25/2023	15390.88667	15226.32	60	Marcellus
38	8/25/2023	15191.00667	15026.44	60	Marcellus
39	8/25/2023	14991.12667	14826.56	60	Marcellus
40	8/26/2023	14791.24667	14626.68	60	Marcellus
41	8/26/2023	14591.36667	14426.8	60	Marcellus
42	8/26/2023	14391.48667	14226.92	60	Marcellus
43	8/27/2023	14191.60667	14027.04	60	Marcellus
44	8/27/2023	13991.72667	13827.16	60	Marcellus
45	8/27/2023	13791.84667	13627.28	60	Marcellus
46	8/28/2023	13591.96667	13427.4	60	Marcellus
47	8/28/2023	13392.08667	13227.52	60	Marcellus
48	8/28/2023	13192.20667	13027.64	60	Marcellus
49	8/28/2023	12992.32667	12827.76	60	Marcellus
50	8/29/2023	12792.44667	12627.88	60	Marcellus
51	8/29/2023	12592.56667	12428	60	Marcellus
52	8/29/2023	12392.68667	12228.12	60	Marcellus
53	8/30/2023	12192.80667	12028.24	60	Marcellus
54	8/30/2023	11992.92667	11828.36	60	Marcellus
55	8/30/2023	11793.04667	11628.48	60	Marcellus
56	8/31/2023	11593.16667	11428.6	60	Marcellus
57	8/31/2023	11393.28667	11228.72	60	Marcellus
58	8/31/2023	11193.40667	11028.84	60	Marcellus
59	8/31/2023	10993.52667	10828.96	60	Marcellus
60	9/1/2023	10793.64667	10629.08	60	Marcellus
61	9/1/2023	10593.76667	10429.2	60	Marcellus
62	9/1/2023	10393.88667	10229.32	60	Marcellus
63	9/2/2023	10194.00667	10029.44	60	Marcellus
64	9/2/2023	9994.12667	9829.56	60	Marcellus
65	9/2/2023	9794.24667	9629.68	60	Marcellus
66	9/2/2023	9594.36667	9429.8	60	Marcellus
67	9/3/2023	9394.48667	9229.92	60	Marcellus
68	9/3/2023	9194.60667	9030.04	60	Marcellus
69	9/3/2023	8994.72667	8830.16	60	Marcellus
70	9/4/2023	8794.84667	8630.28	60	Marcellus
71	9/4/2023	8594.96667	8430.4	60	Marcellus
72	9/4/2023	8395.08667	8230.52	60	Marcellus
73	9/4/2023	8195.20667	8030.64	60	Marcellus
74	9/4/2023	7995.32667	7830.76	60	Marcellus
75	9/4/2023	7795.44667	7630.88	60	Marcellus
76	9/5/2023	7595.56667	7431	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	8/12/2023	79.3	9663	7113	3713	159860	4963	N/A
2	8/12/2023	85.1	10190	5967	4127	423980	7458	N/A
3	8/12/2023	88.0	10331	5055	4088	418280	7387	N/A
4	8/13/2023	89.3	10295	5446	4061	414280	7290	N/A
5	8/13/2023	86.1	10090	5872	4307	420780	7372	N/A
6	8/13/2023	90.4	10159	4854	4128	419640	7243	N/A
7	8/13/2023	87.8	9787	5711	4166	414280	7238	N/A
8	8/13/2023	93.0	10288	5914	4283	417240	7380	N/A
9	8/14/2023	88.6	9969	5788	3685	417540	7278	N/A
10	8/14/2023	87.6	9680	5572	3664	411960	7197	N/A
11	8/15/2023	95.0	10265	6086	3815	415080	7309	N/A
12	8/15/2023	92.5	9946	5693	3756	416160	7338	N/A
13	8/15/2023	92.7	9855	4453	3557	419740	7348	N/A
14	8/16/2023	97.6	10225	5781	3700	416320	7497	N/A
15	8/16/2023	94.2	9870	5508	3658	416540	8441	N/A
16	8/17/2023	86.9	9840	5446	3615	412860	9066	N/A
17	8/17/2023	96.8	10016	5515	3666	421860	7631	N/A
18	8/18/2023	98.1	10101	5454	3574	411380	7412	N/A
19	8/18/2023	93.8	9880	5370	3476	408320	7125	N/A
20	8/19/2023	95.8	10088	5287	3606	413400	7314	N/A
21	8/19/2023	92.8	9878	5406	3340	415780	7405	N/A
22	8/19/2023	97.6	10054	5601	3531	418740	7503	N/A
23	8/20/2023	94.1	10055	5672	3503	421760	7367	N/A
24	8/20/2023	88.7	9497	5462	3625	416640	7873	N/A
25	8/21/2023	97.1	9762	5576	3331	411660	7412	N/A
26	8/21/2023	95.6	9687	5410	3373	416480	7151	N/A
27	8/21/2023	95.9	9723	3582	3406	416650	7244	N/A
28	8/22/2023	97.4	9955	5693	3552	412800	7338	N/A
29	8/22/2023	97.2	9940	4955	3473	416220	7158	N/A
30	8/22/2023	97.4	9738	5301	3552	418800	7221	N/A
31	8/23/2023	98.1	9496	5400	3698	418700	7314	N/A
32	8/23/2023	96.9	9330	4782	3638	418640	7101	N/A
33	8/23/2023	97.5	9097	5679	3617	399420	7061	N/A
34	8/24/2023	98.0	9425	5585	3551	418040	7203	N/A
35	8/24/2023	97.4	9300	4699	3696	420440	7136	N/A
36	8/24/2023	97.8	9350	6529	3832	411420	7189	N/A
37	8/25/2023	97.5	9373	6431	3630	419920	7215	N/A
38	8/25/2023	97.2	9487	5618	3634	413240	6992	N/A
39	8/25/2023	97.7	9404	6524	3667	414080	7120	N/A
40	8/26/2023	97.6	9043	5943	3765	417600	7176	N/A
41	8/26/2023	97.1	9016	6004	3502	413700	7001	N/A
42	8/26/2023	98.2	8950	6018	3689	413800	7113	N/A
43	8/27/2023	97.6	9023	6011	3642	421300	7099	N/A
44	8/27/2023	97.6	9033	6146	3769	409780	7017	N/A
45	8/27/2023	98.0	8778	6915	3549	415980	7164	N/A
46	8/28/2023	98.9	8769	6356	3884	419100	7086	N/A
47	8/28/2023	93.7	8226	5781	3683	410780	6978	N/A
48	8/28/2023	98.0	8366	5935	3403	413520	6985	N/A
49	8/28/2023	98.5	8384	6274	3657	412600	6964	N/A
50	8/29/2023	98.2	8743	4981	3478	419720	7009	N/A
51	8/29/2023	97.6	8497	5084	3404	415200	6957	N/A
52	8/29/2023	95.9	8523	6593	3521	400880	6901	N/A
53	8/30/2023	95.9	9086	5627	3600	418960	7009	N/A
54	8/30/2023	96.7	8918	4404	3503	418560	6973	N/A
55	8/30/2023	97.9	8372	6262	3691	417580	6996	N/A
56	8/31/2023	95.2	8211	4629	3606	417440	6883	N/A
57	8/31/2023	96.9	8524	5818	3479	414860	6899	N/A
58	8/31/2023	97.0	8776	5823	3550	417420.0	6919	N/A
59	8/31/2023	95.8	8499	6276	3514	418200.0	6946	N/A
60	9/1/2023	96.6	8739	6065	3681	397820.0	6741	N/A
61	9/1/2023	97.9	8622	5999	3697	420120.0	6958	N/A
62	9/1/2023	97.8	8427	5710	3677	403480.0	6721	N/A
63	9/2/2023	96.3	7975	5796	3422	396300.0	6699	N/A
64	9/2/2023	97.1	8256	6167	3636	418480.0	6976	N/A
65	9/2/2023	96.3	8543	6205	3501	422660.0	7082	N/A
66	9/2/2023	96.2	8252	6330	3536	399120.0	6712	N/A
67	9/3/2023	97.1	8127	3745	3498	418000.0	6848	N/A
68	9/3/2023	97.8	8143	6391	3517	413460.0	6821	N/A
69	9/3/2023	97.4	7799	6701	3700	402500.0	8406	N/A
70	9/4/2023	96.6	7993	6635	3656	395640.0	6655	N/A
71	9/4/2023	96.1	8132	4228	3702	421840.0	6867	N/A
72	9/4/2023	98.4	8072	5776	3675	418700.0	6850	N/A
73	9/4/2023	97.6	8161	5612	4135	416860.0	6893	N/A
74	9/4/2023	97.6	7729	5452	4543	414120.0	6863	N/A
75	9/4/2023	97.4	7778	6231	3729	418440.0	6886	N/A
76	9/5/2023	96.8	7581	4499	3804	397850.0	6635	N/A
	AVERAGE	95	9,147	5,661	3,675	31,251,200	542,975	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	74	474	74	474
Sandy Siltstone	474	724	474	724
Siltstone, occ Sandstone	724	824	724	824
Siltstone, rr Limestone	824	874	824	874
Siltstone, occ Sandstone	874	1,174	874	1,174
Shaly Siltstone, occ LS	1,174	1,274	1,174	1,274
Siltstone, rr SH, rr Coal	1,274	1,474	1,274	1,474
Shaly Siltstone	1,474	1,624	1,474	1,624
Shaly Sandstone	1,624	1,674	1,624	1,674
Silty, Shaly, Sandstone	1,674	1,924	1,674	1,924
Silty Sandstone, Tr Coal	1,924	1,974	1,924	1,974
Silty Sandstone	1,974	2,074	1,974	2,074
Silty Sandstone, calc cmt	2,074	2,139	2,074	2,140
Big Lime	2,165	2,831	2,166	2,839
Fifty Foot Sandstone	2,831	3,021	2,839	3,033
Gordon	3,021	3,259	3,033	3,277
Fifth Sandstone	3,259	3,499	3,277	3,524
Bayard	3,499	3,958	3,524	4,001
Speechley	3,958	4,155	4,001	4,208
Balltown	4,155	4,584	4,208	4,655
Bradford	4,584	5,166	4,655	5,260
Benson	5,166	5,616	5,260	5,728
Alexander	5,616	6,711	5,728	6,989
Sycamore	6,574	6,685	6,776	6,963
Middlesex	6,685	6,779	6,963	7,142
Burkett	6,779	6,803	7,142	7,192
Tully	6,803	6,870	7,192	7,383
Marcellus	6,870	NA	7,383	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:	08/12/2023
Job End Date:	09/05/2023
State:	West Virginia
County:	Wetzel
API Number:	47-103-03559-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	SKINNER HOLLOW UNIT 2H
Latitude:	39.553608
Longitude:	-80.792631
Datum:	WGS84
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6953
Total Base Water Volume (gal)*:	23858541.97
Total Base Non Water Volume:	0



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

04/26/2024

Items above are Trade Names. Items below are the individual ingredients.

			Water	7732-18-5	100.00000	86.26228	Density = 8.34
			Crystalline silica, quartz	14808-60-7	100.00000	13.54809	None
			Water	7732-18-5	100.00000	0.16542	None
			Hydrochloric acid	7647-01-0	30.00000	0.03830	None
			Complex amine compound	Proprietary	60.00000	0.02934	None
			Hydrotreated distillate	Proprietary	30.00000	0.01467	None
			Guar gum	9000-30-0	100.00000	0.00433	None
			Glutaraldehyde	111-30-8	30.00000	0.00252	None
			Ammonium chloride	12125-02-9	5.00000	0.00245	None
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00245	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00245	None
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1.00000	0.00049	None
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1.00000	0.00049	None
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	5.00000	0.00042	None
			Methanol	67-56-1	100.00000	0.00024	None
			Ammonium persulfate	7727-54-0	100.00000	0.00009	None
			Ethanol	64-17-5	1.00000	0.00008	None
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00007	None
RECEIVED Office Of Oil and Gas			Modified thiourea polymer	Proprietary	30.00000	0.00007	None
JAN 19 2024			Oxylated phenolic resin	Proprietary	30.00000	0.00003	None
WV Department of Environmental Protection			Propargyl alcohol	107-19-7	5.00000	0.00001	None
			Hexadecene	629-73-2	5.00000	0.00001	None
			Ethoxylated alcohols	Proprietary	5.00000	0.00001	None
			C.I. pigment Orange 5	3468-63-1	1.00000	0.00000	None

* 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%

04/26/2024

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)

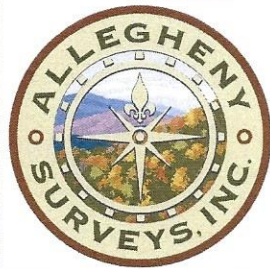
RECEIVED
Office Of Oil and Gas

JAN 19 2024

WV Department of
Environmental Protection

04/26/2024

Antero Resources
Well No. Skinner Hollow 2H
As-Drilled
 Antero Resources Corporation



Skinner Hollow Unit 2H Bottom Hole

4,935' to Bottom Hole

321' to Top Hole

TOP HOLE LATITUDE 39 - 35 - 00
 BTM HOLE LATITUDE 39 - 37 - 30

Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Skinner Hollow 2H Top Hole coordinates are
 N: 386,339.52' Latitude: 39°33'12.70"
 E: 1,635,480.71' Longitude: 80°47'34.09"
 Bottom Hole coordinates are
 N: 402,378.92' Latitude: 39°35'50.58"
 E: 1,631,096.28' Longitude: 80°48'33.05"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,378,243.273m N: 4,383,098.465m
 E: 517,815.969m E: 516,398.820m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

LONGITUDE 80 - 47 - 30

10,857' to Top Hole
 10,059' to Bottom Hole

Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not 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 prescribed by the Department of Environmental Protection.

Bradley D. Miller
 Bradley D. Miller, P.S. 2167

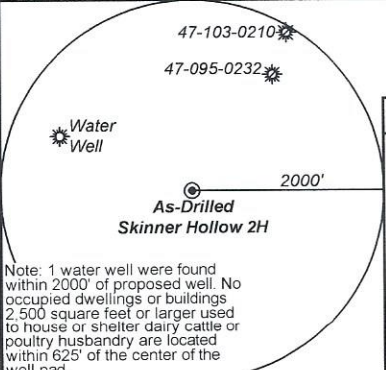
Skinner Hollow 2H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 387,950.76'
 E: 1,635,815.87'
 Latitude: 39°33'28.67"
 Longitude: 80°47'30.11"
 UTM Zone 17, NAD 1983
 N: 4,378,726.858m
 E: 517,909.901m

	Bearing	Dist.
L1	S 86°58' E	2,768.1'
L2	S 77°21' E	2,504.6'
L3	N 51°26' W	2,468.0'
L4	N 07°26' W	3,161.1'



Legend

- Proposed gas well
- ⊗ Monument, as noted
- ☀ Existing Well, as noted
- ☀ Digitized Well, as noted
- Creek or Drain
- Road
- County Line
- Surface boundary (approx.)
- Interior surface tracts (approx.)



FILE NO: 06-34-G-21
 DRAWING NO: Skinner Hollow 2H As-Drilled
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

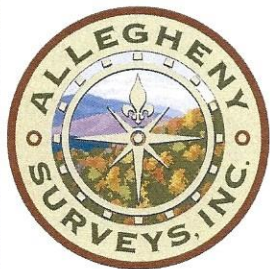
DATE: December 5 2023
 OPERATOR'S WELL NO. Skinner Hollow Unit 2H
 API WELL NO
 47 - 103 - 03559
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 1,255' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls
 DISTRICT: Green COUNTY: Wetzell
 SURFACE OWNER: Karen & Ernest Clark Chesapeake Appalachia, LLC; George N. Myers, et ux; WVDNR; W.C. Cunningham, et al; Antero Minerals, LLC; Piney Holdings, Inc.; Gregory W. Burrough; John K. & Patricia Ingold; Russell L. Jones, Jr.;
 ROYALTY OWNER: Karen Sue Clark; Clair P. Dawson; Warren M. Clark, et al; James W. Yoho, et ux; LEASE NO: ACREAGE: 15.00
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,596' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
 Denver, CO 80202 Bridgeport, WV 26330

04/26/2024



ID	TM-Par	Owner	Bk/Pg	Acres
1	8-1	Karen & Ernest Clark	366/625	15.00
2	8-4	Karen & Ernest Clark	366/625	34.25
3	7-16	John B. & Helen L. Bennett	334/359	90.00
4	15-7	Clair Phillip Dawson, Jr.	471/210	104.25
5	15-6	Robert E. & Beth Ann Clark	366/460	53.25
6	15-4	Clair Phillip Dawson, Jr.	471/210	16.25
7	15-3	Robert E. & Beth Ann Clark	404/238	85.50
8	12-43	Coastal Forest Resources Co.	444/105	172.70
9	12-23	Coastal Forest Resources Co.	444/105	62.45
10	11-14	Steven M. & Marisa J. Ingold	494/13	25.00
11	11-10.5	John K. & Patricia A. Ingold	299/45	44.39
12	12-15	Coastal Forest Resources Co.	444/105	51.00
13	11-10	Russell Jones Jr.	273/78	53.00
14	12-1.1	Gary L. Price & Susan L. Lambert	WB89/627	31.38
15	7-34.2	Joshua Gump	477/707	32.77
16	7-34	David A. Conner	397/1	97.00
17	7-18	George M. Arthurs, et ux	409/362	98.06
18	6-19.1	Benjamin R. Yoho	332/13	100.00
19	7-63	Percy Yoho	254/281	5.00
20	7-16	David L. Shreve	444/762	1.69
21	7-10	David L. & Esther P. Shreve	402/217	138.20

Leases	
A	Karen Sue Clark
B	Karen Sue Clark
C	John B. Bennett, et ux
D	Clair P. Dawson
E	Robert Eugene & Beth Ann Clark
F	Warren M. Clark, et al
G	James W. Yoho, et ux
H	Gregory W. Burrough
I	John K. & Patricia Ingold
J	Russell L. Jones, Jr.
K	BRC Appalachian Minerals I, LLC
L	W.C. Cunningham, et al
M	Stone Hill Minerals Holdings, LLC
N	Antero Minerals, LLC
O	George N. Myers, et ux
P	Stone Hill Minerals Holdings, LLC
Q	CSXTransportation Inc.
R	WVDNR
S	Piney Holdings, Inc.
T	David L. Shreve
U	Chesapeake Appalachia, LLC

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 ROYALTY OWNER: Karen Sue Clark; Clair P. Dawson; Warren M. Clark, et al; James W. Yoho, et ux; LEASE NO: ACREAGE: 15.00
 525.69; 102.65; 155.641; 2,125.578525; 14.5; 100; 214.17; 61.5; 25; 106; 97

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