

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

API 47- 103 - 03409 County Wetzel District Green
Quad Porter Falls Pad Name Gadd Field/Pool Name -----
Farm name William & Delores Gadd Well Number Peeler 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 4377843m Easting 521023m
Landing Point of Curve Northing 4377719.27m Easting 520917.73m
Bottom Hole Northing 4374525m Easting 522024m

Elevation (ft) 1223' 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 6/14/2021 Date drilling commenced 7/27/2021 Date drilling ceased 9/7/2021
Date completion activities began 11/21/2021 Date completion activities ceased 1/7/2022
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 350' Open mine(s) (Y/N) depths No **08/12/2022**
Salt water depth(s) ft 1917' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 971' 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 47-103 - 03409 Farm name William & Delores Gadd Well number Peeler 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 | 24" | 20" | 80' | New | 94#, H-40 | N/A | Y |
| Surface | 17-1/2" | 13-3/8" | 441' | New | 54.5#, J-55 | N/A | Y |
| Coal | | | | | | | |
| Intermediate 1 | 12-1/4" | 9-5/8" | 2554' | New | 36#, J-55 | N/A | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8-3/4"/8-1/2" | 5-1/2" | 18465' | New | 20#, P-100 | N/A | Y |
| Tubing | | 2-3/8" | 7112' | | 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 | 252 sx | 15.6 | 1.18 | 54 | 0' | 8 Hrs. |
| Surface | Class A | 460 sx | 15.8 | 1.20 | 95 | 0' | 8 Hrs. |
| Coal | | | | | | | |
| Intermediate 1 | Class A | 910 sx | 15.8 | 1.17 | 187 | 0' | 8 Hrs. |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | Class H | 792 sx (Lead) 3000 sx (Tail) | 13.5 (Lead), 15.2(Tail) | 1.4 (Lead), 1.32 (Tail) | 629 | ~500' into Intermediate Casing | 8 Hrs. |
| Tubing | | | | | | | |

Drillers TD (ft) 18515' MD, 7029' TVD (BHL), 7029' (Deepest Point Drilled) Loggers TD (ft) 18515' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6146'

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 08/12/2022

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 - 03409 Farm name William & Delores Gadd Well number Peeler 1H

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|---------------------------------------|------------------|------------------------|----------------------|------------------------|--------------|
| *PLEASE SEE ATTACHED EXHIBIT 1 | | | | | |
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Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

| Stage No. | Stimulations Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/other (units) |
|---------------------------------------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| *PLEASE SEE ATTACHED EXHIBIT 2 | | | | | | | | |
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08/12/2022

Please insert additional pages as applicable.

API 47- 103 - 03409 Farm name William & Delores Gadd Well number Peeler 1H

| <u>PRODUCING FORMATION(S)</u> | <u>DEPTHS</u> | | |
|-------------------------------|--------------------|------------|------------------------------|
| <u>Marcellus</u> | <u>6900'</u> (TOP) | <u>TVD</u> | <u>7161'</u> (TOP) <u>MD</u> |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2800 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 11397 mcfpd Oil 435 bpd NGL --- bpd Water 630 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**

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

Stimulating Company Halliburton Energy Services
Address 3000 W. Sam Houston Pkwy City Houston State TX Zip 76114 **08/12/2022**

Please insert additional pages as applicable.

Completed by Brandi Hankins Telephone 304-842-9759
Signature [Signature] Title Completions Technician Date 8/11/22

| API 47-103-03409 Farm Name <u>William & Delores Gadd</u> Well Number <u>Peeler Unit 1H</u> | | | | | |
|--|------------------|------------------------|----------------------|------------------------|------------|
| Stage No. | Perforation Date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formations |
| 1 | 11/21/2021 | 18398.5 | 18356.2 | 36 | Marcellus |
| 2 | 11/22/2021 | 18314.83117 | 18099.8182 | 36 | Marcellus |
| 3 | 11/22/2021 | 18061.64935 | 17846.6364 | 36 | Marcellus |
| 4 | 11/23/2021 | 17808.46753 | 17593.4545 | 36 | Marcellus |
| 5 | 11/23/2021 | 17555.28571 | 17340.2727 | 36 | Marcellus |
| 6 | 11/24/2021 | 17302.1039 | 17087.0909 | 36 | Marcellus |
| 7 | 11/24/2021 | 17048.92208 | 16833.9091 | 36 | Marcellus |
| 8 | 11/24/2021 | 16795.74026 | 16580.7273 | 36 | Marcellus |
| 9 | 11/24/2021 | 16542.55844 | 16327.5455 | 36 | Marcellus |
| 10 | 11/25/2021 | 16289.37662 | 16074.3636 | 36 | Marcellus |
| 11 | 11/25/2021 | 16036.19481 | 15821.1818 | 36 | Marcellus |
| 12 | 11/25/2021 | 15783.01299 | 15568 | 36 | Marcellus |
| 13 | 11/26/2021 | 15529.83117 | 15314.8182 | 36 | Marcellus |
| 14 | 11/26/2021 | 15276.64935 | 15061.6364 | 36 | Marcellus |
| 15 | 11/26/2021 | 15023.46753 | 14808.4545 | 36 | Marcellus |
| 16 | 11/27/2021 | 14770.28571 | 14555.2727 | 36 | Marcellus |
| 17 | 11/28/2021 | 14517.1039 | 14302.0909 | 36 | Marcellus |
| 18 | 11/28/2021 | 14263.92208 | 14048.9091 | 36 | Marcellus |
| 19 | 11/28/2021 | 14010.74026 | 13795.7273 | 36 | Marcellus |
| 20 | 11/29/2021 | 13757.55844 | 13542.5455 | 36 | Marcellus |
| 21 | 11/29/2021 | 13504.37662 | 13289.3636 | 36 | Marcellus |
| 22 | 11/29/2021 | 13251.19481 | 13036.1818 | 36 | Marcellus |
| 23 | 11/29/2021 | 12998.01299 | 12783 | 36 | Marcellus |
| 24 | 11/30/2021 | 12744.83117 | 12529.8182 | 36 | Marcellus |
| 25 | 11/30/2021 | 12491.64935 | 12276.6364 | 36 | Marcellus |
| 26 | 11/30/2021 | 12238.46753 | 12023.4545 | 36 | Marcellus |
| 27 | 12/01/2021 | 11985.28571 | 11770.2727 | 36 | Marcellus |
| 28 | 12/01/2021 | 11732.1039 | 11517.0909 | 36 | Marcellus |
| 29 | 12/01/2021 | 11478.92208 | 11263.9091 | 36 | Marcellus |
| 30 | 12/02/2021 | 11225.74026 | 11010.7273 | 36 | Marcellus |
| 31 | 12/02/2021 | 10972.55844 | 10757.5455 | 36 | Marcellus |
| 32 | 12/02/2021 | 10719.37662 | 10504.3636 | 36 | Marcellus |
| 33 | 12/03/2021 | 10466.19481 | 10251.1818 | 36 | Marcellus |
| 34 | 12/03/2021 | 10213.01299 | 9998 | 36 | Marcellus |
| 35 | 12/03/2021 | 9959.831169 | 9744.81818 | 36 | Marcellus |
| 36 | 12/04/2021 | 9706.649351 | 9491.63636 | 36 | Marcellus |
| 37 | 12/04/2021 | 9453.467532 | 9238.45455 | 36 | Marcellus |
| 38 | 12/04/2021 | 9200.285714 | 8985.27273 | 36 | Marcellus |
| 39 | 12/05/2021 | 8947.103896 | 8732.09091 | 36 | Marcellus |
| 40 | 12/05/2021 | 8693.922078 | 8478.90909 | 36 | Marcellus |
| 41 | 12/07/2021 | 8440.74026 | 8225.72727 | 36 | Marcellus |
| 42 | 12/08/2021 | 8187.558442 | 7972.54545 | 36 | Marcellus |
| 43 | 12/08/2021 | 7934.376623 | 7719.36364 | 36 | Marcellus |
| 44 | 12/08/2021 | 7681.194805 | 7466.18182 | 36 | Marcellus |
| 45 | 12/09/2021 | 7428.012987 | 7213 | 36 | Marcellus |

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API 47-103-03409 Farm Name William & Delores Gadd Well Number Peeler Unit 1H

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 | 11/21/2021 | 70.01 | 8600 | 8287 | 3744 | 172180 | 231759 | N/A |
| 2 | 11/22/2021 | 80.45 | 8605 | 5628 | 4149 | 502096 | 384462 | N/A |
| 3 | 11/22/2021 | 82.09 | 8598 | 5275 | 4246 | 502360 | 378930 | N/A |
| 4 | 11/23/2021 | 81.57 | 8455 | 5816 | 4154 | 510850 | 392345 | N/A |
| 5 | 11/23/2021 | 81.14 | 8613 | 7161 | 4035 | 509590 | 384832 | N/A |
| 6 | 11/24/2021 | 82.05 | 8623 | 5545 | 4182 | 502470 | 379927 | N/A |
| 7 | 11/24/2021 | 84.99 | 8825 | 8321 | 4374 | 500100 | 362444 | N/A |
| 8 | 11/24/2021 | 86.61 | 8879 | 8723 | 4197 | 507310 | 365823 | N/A |
| 9 | 11/24/2021 | 88.25 | 8748 | 8191 | 4417 | 507270 | 369957 | N/A |
| 10 | 11/25/2021 | 86.56 | 8766 | 6745 | 4492 | 513430 | 366620 | N/A |
| 11 | 11/25/2021 | 85.96 | 8757 | 8127 | 4353 | 506830 | 362622 | N/A |
| 12 | 11/25/2021 | 84.79 | 8709 | 7611 | 4091 | 503410 | 364692 | N/A |
| 13 | 11/26/2021 | 87.99 | 8821 | 7051 | 4510 | 520920 | 380205 | N/A |
| 14 | 11/26/2021 | 92.18 | 8785 | 6815 | 4437 | 508360 | 359105 | N/A |
| 15 | 11/26/2021 | 89.35 | 8665 | 6747 | 3817 | 500950 | 367420 | N/A |
| 16 | 11/27/2021 | 93.91 | 8668 | 5547 | 4340 | 504450 | 372850 | N/A |
| 17 | 11/28/2021 | 93.12 | 8815 | 6783 | 4325 | 506390 | 367997 | N/A |
| 18 | 11/28/2021 | 91.16 | 8721 | 8965 | 4196 | 519480 | 377002 | N/A |
| 19 | 11/28/2021 | 95.54 | 8766 | 7106 | 4264 | 507910 | 367431 | N/A |
| 20 | 11/29/2021 | 96.19 | 8758 | 6515 | 4298 | 507000 | 365572 | N/A |
| 21 | 11/29/2021 | 97.2 | 8894 | 5809 | 4230 | 514940 | 367056 | N/A |
| 22 | 11/29/2021 | 93.45 | 8792 | 6762 | 4401 | 519980 | 368874 | N/A |
| 23 | 11/29/2021 | 94.14 | 8724 | 7179 | 4578 | 506680 | 364760 | N/A |
| 24 | 11/30/2021 | 95.56 | 8736 | 5986 | 4321 | 508130 | 363805 | N/A |
| 25 | 11/30/2021 | 96.77 | 8659 | 6626 | 4389 | 520120 | 373168 | N/A |
| 26 | 11/30/2021 | 96.12 | 8714 | 8166 | 4349 | 516380 | 369750 | N/A |
| 27 | 12/01/2021 | 95.62 | 8629 | 6107 | 4155 | 502180 | 388934 | N/A |
| 28 | 12/01/2021 | 96.55 | 8526 | 5158 | 4232 | 512580 | 366786 | N/A |
| 29 | 12/01/2021 | 97.35 | 8578 | 5897 | 4453 | 503770 | 363007 | N/A |
| 30 | 12/02/2021 | 97.87 | 8432 | 6767 | 4513 | 507000 | 360946 | N/A |
| 31 | 12/02/2021 | 97.74 | 8327 | 7076 | 4139 | 501960 | 359233 | N/A |
| 32 | 12/02/2021 | 97.69 | 8417 | 7001 | 4216 | 512140 | 376479 | N/A |
| 33 | 12/03/2021 | 98.72 | 8113 | 7916 | 4212 | 519430 | 376701 | N/A |
| 34 | 12/03/2021 | 98.74 | 8118 | 5670 | 4164 | 508180 | 373790 | N/A |
| 35 | 12/03/2021 | 98.13 | 8195 | 5922 | 4300 | 503590 | 374610 | N/A |
| 36 | 12/04/2021 | 98.04 | 8022 | 7701 | 4376 | 511320 | 378894 | N/A |
| 37 | 12/04/2021 | 98.56 | 7892 | 5950 | 4189 | 512560 | 378214 | N/A |
| 38 | 12/04/2021 | 98.81 | 7901 | 5997 | 4550 | 518130 | 382961 | N/A |
| 39 | 12/05/2021 | 97.89 | 7732 | 5752 | 4567 | 512700 | 375250 | N/A |
| 40 | 12/05/2021 | 98.3 | 7939 | 6660 | 4034 | 516160 | 376301 | N/A |
| 41 | 12/07/2021 | 96.48 | 7721 | 5280 | 4368 | 497350 | 430369 | N/A |
| 42 | 12/08/2021 | 98.65 | 7589 | 7319 | 4127 | 516630 | 378164 | N/A |
| 43 | 12/08/2021 | 98.4 | 7539 | 4821 | 4025 | 499430 | 372626 | N/A |
| 44 | 12/08/2021 | 97.43 | 7495 | 7498 | 3870 | 509510 | 380722 | N/A |
| 45 | 12/09/2021 | 99.02 | 7489 | 6365 | 4211 | 499770 | 378209 | N/A |
| | AVG= | 93 | 8,430 | 6,719 | 4,258 | 22,563,976 | 16,681,604 | TOTAL |

08/12/2022

API 47-103-03409 Farm Name William & Delores Gadd Well Number Peeler Unit 1H

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 | 75 | 210 | 75 | 210 |
| Silty Sandstone | 210 | 240 | 210 | 240 |
| Shaly sandstone | 240 | 270 | 240 | 270 |
| Silty Sandstone | 270 | 420 | 270 | 420 |
| Shaly sandstone | 420 | 490 | 420 | 490 |
| Silty Sandstone | 490 | 600 | 490 | 600 |
| Shale | 600 | 810 | 600 | 810 |
| Silty Sandstone | 810 | 1,070 | 810 | 1,070 |
| Shale w/coal interbeds | 1,070 | 1,230 | 1,070 | 1,230 |
| Sandy shale | 1,230 | 1,320 | 1,230 | 1,320 |
| Shale | 1,320 | 1,410 | 1,320 | 1,410 |
| Sandy shale | 1,410 | 1,710 | 1,410 | 1,710 |
| Shaly sandstone | 1,710 | 2,129 | 1,710 | 2,159 |
| Big Lime | 2,159 | 2,575 | 2,129 | 2,575 |
| Fifty Foot Sandstone | 2,575 | 2,756 | 2,545 | 2,757 |
| Gordon | 2,756 | 3,001 | 2,727 | 3,003 |
| Fifth Sandstone | 3,001 | 3,052 | 2,973 | 3,054 |
| Bayard | 3,052 | 3,991 | 3,024 | 4,002 |
| Speechley | 3,991 | 4,122 | 3,972 | 4,133 |
| Balltown | 4,122 | 4,598 | 4,103 | 4,614 |
| Bradford | 4,598 | 5,151 | 4,584 | 5,174 |
| Benson | 5,151 | 5,576 | 5,144 | 5,604 |
| Alexander | 5,576 | 6,734 | 5,574 | 6,814 |
| Sycamore | 6,583 | 6,704 | 6,636 | 6,784 |
| Middlesex | 6,704 | 6,799 | 6,784 | 6,926 |
| Burkett | 6,799 | 6,826 | 6,926 | 6,974 |
| Tully | 6,826 | 6,900 | 6,974 | 7,161 |
| Marcellus | 6,900 | NA | 7,161 | 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.

08/12/2022

Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|------------------------------|
| Job Start Date: | 11/21/2021 |
| Job End Date: | 12/9/2021 |
| State: | West Virginia |
| County: | Wetzel |
| API Number: | 47-103-03409-00-00 |
| Operator Name: | Antero Resources Corporation |
| Well Name and Number: | PEELER UNIT 1H |
| Latitude: | 39.54992800 |
| Longitude: | -80.75548300 |
| Datum: | WGS84 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 7,028 |
| Total Base Water Volume (gal): | 17,264,957 |
| 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 | 86.54813 | Density = 8.50 |
| Ingredients | Listed Above | Listed Above | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 0.06470 | |

| | | | | | | | |
|------------------------------------|--------------------|--------------------------|--|--------------|--|--|--|
| MC B-8614A | MultiChem | Biocide | | | | | |
| | | | | Listed Below | | | |
| HAI-501 | Halliburton | Acid Corrosion Inhibitor | | | | | |
| | | | | Listed Below | | | |
| Sand-Common White-100 Mesh, SSA-2 | Halliburton | Proppant | | | | | |
| | | | | Listed Below | | | |
| Excelerate LX-15 | Halliburton | Friction Reducer | | | | | |
| | | | | Listed Below | | | |
| HYDROCHLORIC ACID, 22 BAUME | Halliburton | Solvent | | | | | |
| | | | | Listed Below | | | |
| OPTIFLO-II DELAYED RELEASE BREAKER | Halliburton | Breaker | | | | | |
| | | | | Listed Below | | | |
| WG-36 GELLING AGENT | Halliburton | Gelling Agent | | | | | |
| | | | | Listed Below | | | |
| FLUID Enviro-Syn HCR-7000-WL | Fluid Energy Group | Acid Replacement | | | | | |
| | | | | 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 | 13.30728 |
| | | | Complex Amine Compound | Proprietary | 60.00000 | 0.03377 |
| | | | Hydrotreated light petroleum distillate | 64742-47-8 | 30.00000 | 0.01689 |
| | | | Proprietary | Proprietary | 20.00000 | 0.01055 |
| | | | Hydrochloric acid | 7647-01-0 | 30.00000 | 0.00677 |
| | | | Proprietary | Proprietary | 10.00000 | 0.00527 |
| | | | Guar gum | 9000-30-0 | 100.00000 | 0.00451 |
| | | | Surfactant | Proprietary | 5.00000 | 0.00281 |
| | | | Sobitan, mono-9-octadecenoate, (Z) | 1338-43-8 | 5.00000 | 0.00281 |
| | | | Glutaraldehyde | 111-30-8 | 30.00000 | 0.00251 |
| | | | Ethoxylated alcohols | Proprietary | 5.00000 | 0.00057 |
| | | | Alkoxylated polyhydric alcohol | Proprietary | 1.00000 | 0.00056 |
| | | | Organic chloride compound | Proprietary | 1.00000 | 0.00056 |
| | | | Alkyl (C12-16) dimethylbenzyl ammonium chloride | 68424-85-1 | 5.00000 | 0.00042 |
| | | | Ammonium persulfate | 7727-54-0 | 100.00000 | 0.00010 |
| | | | Ethanol | 64-17-5 | 1.00000 | 0.00008 |
| | | | Methanol | 67-56-1 | 100.00000 | 0.00004 |
| | | | Oxylated phenolic resin | Proprietary | 30.00000 | 0.00003 |
| | | | Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil | 61790-12-3 | 30.00000 | 0.00001 |
| | | | Modified thiourea polymer | Proprietary | 30.00000 | 0.00001 |
| | | | Sodium hydroxide | 1310-73-2 | 0.01000 | 0.00001 |
| | | | Acrylamide | 79-06-1 | 0.01000 | 0.00001 |
| | | | Formaldehyde | 50-00-0 | 0.01000 | 0.00001 |
| | | | Organic salt #1 | Proprietary | 0.01000 | 0.00001 |

| | | | | | | | |
|--|--|--|-----------------------|-------------|---------|---------|--|
| | | | Nitrated acetate salt | Proprietary | 0.01000 | 0.00001 | |
| | | | Sodium glycolate | 2836-32-0 | 0.01000 | 0.00001 | |
| | | | Organic salt #2 | Proprietary | 0.01000 | 0.00001 | |
| | | | Hexadecene | 629-73-2 | 5.00000 | 0.00000 | |
| | | | Propargyl alcohol | 107-19-7 | 5.00000 | 0.00000 | |
| | | | C.I. pigment Orange 5 | 3468-63-1 | 1.00000 | 0.00000 | |

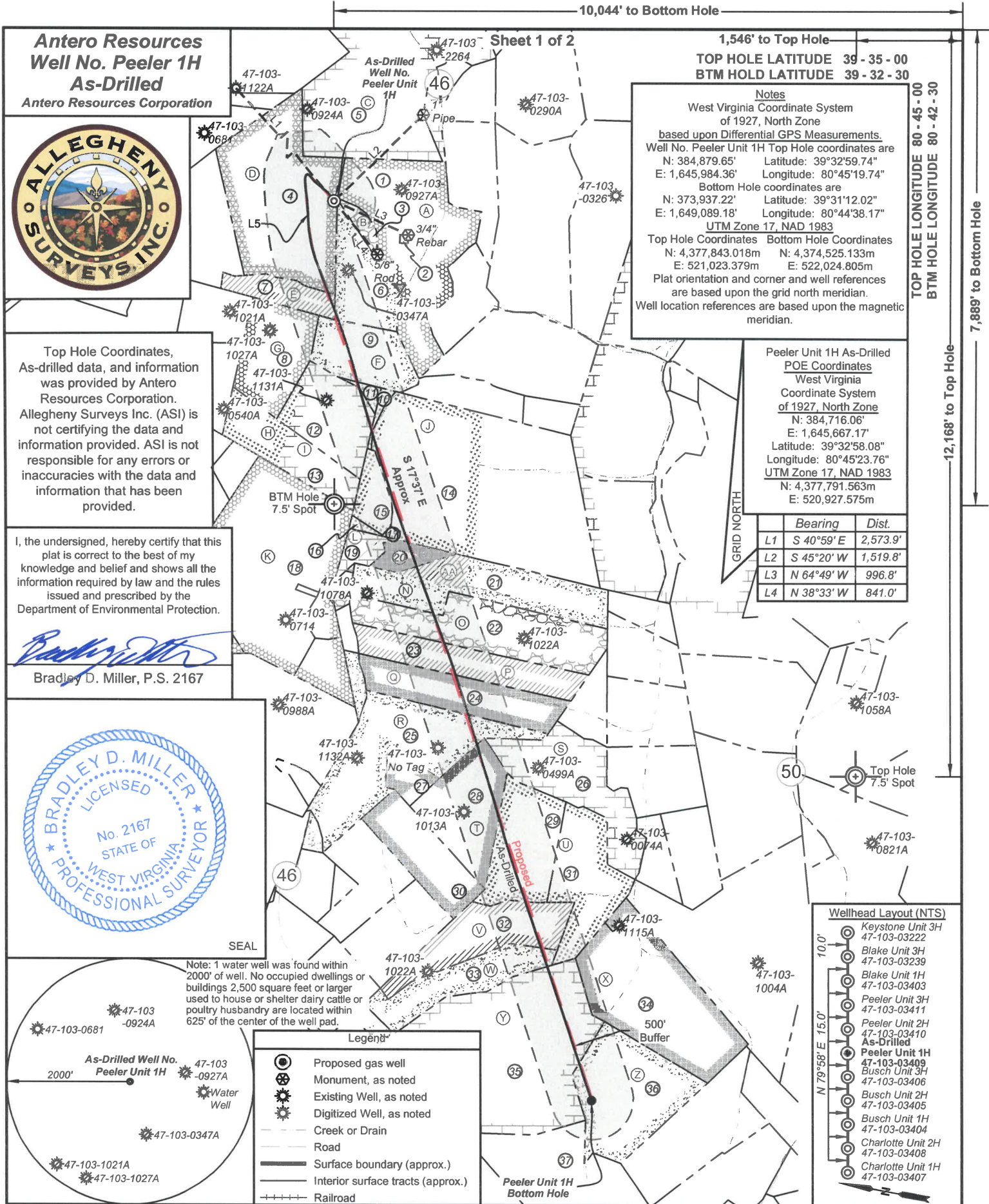
* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

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

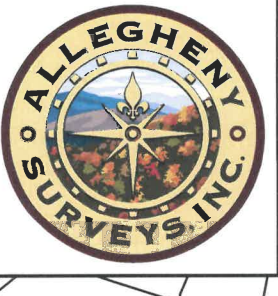
*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

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)



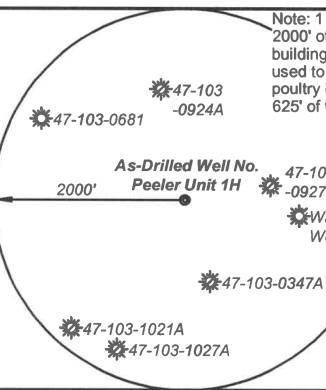
Antero Resources
Well No. Peeler 1H
As-Drilled
 Antero Resources Corporation



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



Note: 1 water well was found within 2000' of well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

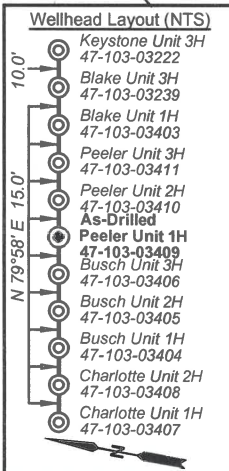
Legend

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

Notes
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Well No. Peeler Unit 1H Top Hole coordinates are
 N: 384,879.65' Latitude: 39°32'59.74"
 E: 1,645,984.36' Longitude: 80°45'19.74"
 Bottom Hole coordinates are
 N: 373,937.22' Latitude: 39°31'12.02"
 E: 1,649,089.18' Longitude: 80°44'38.17"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,377,843.018m N: 4,374,525.133m
 E: 521,023.379m E: 522,024.805m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Peeler Unit 1H As-Drilled
 POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 384,716.06'
 E: 1,645,667.17'
 Latitude: 39°32'58.08"
 Longitude: 80°45'23.76"
 UTM Zone 17, NAD 1983
 N: 4,377,791.563m
 E: 520,927.575m

| Bearing | Dist. |
|---------------|----------|
| L1 S 40°59' E | 2,573.9' |
| L2 S 45°20' W | 1,519.8' |
| L3 N 64°49' W | 996.8' |
| L4 N 38°33' W | 841.0' |



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

FILE NO: 326-34-G-17
 DRAWING NO: Peeler 1H As-Drilled
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

DATE: March 16 2022
 OPERATOR'S WELL NO. Peeler Unit 1H
 API WELL NO
 47 - 103 - 03409
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: As-Built 1,223.8' WATERSHED: Fishing Creek QUADRANGLE: Top Hole: Porter Falls
 DISTRICT: Green William L. & Christenson Family Trust; Suzann Marie Stoehr, et al; Stone Hill Minerals Holdings, LLC; COUNTY: Wetzel 08/12/2022
 SURFACE OWNER: Delores J. Gadd Edwin D. & Jane C. Michael; Perry Dale Thorne, Jr., et ux; Waco Oil & Gas Co., Inc.; ACREAGE: 60.5
 ROYALTY OWNER: Ellen W. & Mark L. Vandyne; Sandra Rose Conley; Acropolis, Inc. LEASE NO: ACREAGE: 32.25; 45.72
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,029' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,515' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313



| ID | TM/Par | Owner | Bk/Pg | Acres |
|----|---------|---|----------|--------|
| 1 | 16-23 | Kenneth E. Butler | 331/110 | 50.97 |
| 2 | 16-23.1 | Wetzel County Public Service District 1 | 433/851 | 0.23 |
| 3 | 16-31 | William L. & Delores J. Gadd | 348/169 | 2.65 |
| 4 | 16-22 | William L. & Delores J. Gadd | 348/169 | 60.50 |
| 5 | 16-10 | Loren & Shirley Haught | 444/434 | 100.48 |
| 6 | 16-30 | William L. & Delores J. Gadd | 348/169 | 14.00 |
| 7 | 16-47 | William M. Greenwalt & Lee A. Niezgoda | 387/1 | 12.00 |
| 8 | 16-39 | Silas & William A. Tennant | WB27/97 | 23.3 |
| 9 | 16-40 | William M. Greenwalt & Lee A. Niezgoda | 387/1 | 18.00 |
| 10 | 16-57 | Lee A. Niezgoda | 402/90 | 1.06 |
| 11 | 16-40.1 | William M. Greenwalt & Lee A. Niezgoda | 387/1 | 2.00 |
| 12 | 16-46 | Joyce Ann Haught, et al | WB37/335 | 23.50 |
| 13 | 16-56 | James L. & Martha Jo Stewart | 288/330 | 23.33 |
| 14 | 16-58 | Mark & Michael Difiore | 406/241 | 97.80 |
| 15 | 16-58.1 | Harry K. & Shirley M. Eastham | 438/3 | 7.21 |
| 16 | 16-62 | Harry K. & Shirley M. Eastham | 325/101 | 0.88 |
| 17 | 16-70 | Jackie Lee & Joyce Anne Haught | 246/86 | 0.50 |
| 18 | 16-61 | Michael L. & Tina M. Adams | 444/427 | 67.96 |
| 19 | 16-68 | Harry K. & Shirley M. Eastham | 325/101 | 4.70 |
| 20 | 16-64 | Mark & Michael Difiore | 406/241 | 6.60 |
| 21 | 16-71 | Michael L. & Tina M. Adams | 437/722 | 30.50 |
| 22 | 19-8.1 | Edwin D. & Jane C. Michael | 275/42 | 36.84 |
| 23 | 19-8.2 | Edwin D. & Jane C. Michael | 275/42 | 22.00 |
| 24 | 19-8.3 | Edwin D. & Jane C. Michael | 275/42 | 24.50 |
| 25 | 19-17 | John R. & Mary Ann Horner | 416/853 | 47.55 |
| 26 | 19-18 | Ronald L. & Sharon Christenson Family Trust | 439/377 | 30.00 |
| 27 | 19-25 | Perry Dale, Jr. & Martha Jo Thorne | 348/298 | 5.34 |
| 28 | 19-26 | Perry Dale, Jr. & Martha Jo Thorne | 348/298 | 25.00 |
| 29 | 19-27 | Ronald L. & Sharon Christenson Family Trust | 439/377 | 25.00 |
| 30 | 19-36 | Perry Dale, Jr. & Martha Jo Thorne | 348/298 | 20.00 |
| 31 | 19-28 | Ronald L. & Sharon Christenson Family Trust | 439/377 | 28.25 |
| 32 | 19-42 | Sharon M. & Ronald L. Christenson | 363/101 | 22.50 |
| 33 | 19-46 | Sharon M. & Ronald L. Christenson | 439/373 | 25.28 |
| 34 | 19-48 | Teresa & Michael L. Bassett | 423/982 | 51.00 |
| 35 | 19-47 | Suzann M. Stoehr, et al | WB48/422 | 80.00 |
| 36 | 19-49 | Michael L. & Teresa Bassett | 386/315 | 32.25 |
| 37 | 19-50 | Ronald H. Eastham, et al | 424/70 | 40.00 |

| Leases | |
|--------|--|
| A | BRC Appalachian Minerals I, LLC |
| B | John W. Bertram |
| C | Gordon Cummings |
| D | Shiben Estates, Inc. |
| E | Sandra Rose Conley |
| F | Ellen W. & Mark L. VanDyne |
| G | Michael Tennant |
| H | Susie T. Grimm |
| I | Thomas M. Stackhouse |
| J | Acropolis, Inc |
| K | Chesapeake Appalachia, LLC |
| L | Richard L. Tennant |
| M | Emma Lee Rine |
| N | BRC Appalachian Minerals I, LLC |
| O | David E. Bowyer |
| P | Stone Hill Minerals Holdings, LLC |
| Q | Edwin D. & Jane C. Michael |
| R | H. Dorn Higginbotham |
| S | Thomas J. Jacoboni Revocable Trust Agreement |
| T | Perry Dale Thorne, Jr., et ux |
| U | Faye Ann Skinner, et al |
| V | Christenson Family Trust |
| W | Howard M. Henderson |
| X | Deborah A. Beaver |
| Y | Suzann Marie Stoehr, et al |
| Z | BRC Appalachian Minerals I, LLC |
| AA | Waco Oil & Gas Co., Inc. |

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