

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

API 47 - 095 - 02866 County Tyler District Lincoln  
Quad Paden City Pad Name Dry Run Pad Field/Pool Name -----  
Farm name David E. Bowyer Well Number Tangerine 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 4378023.687m Easting 507592.744m  
Landing Point of Curve Northing 4353624.10m Easting 539534.33m  
Bottom Hole Northing 4382754.318m Easting 506730.388m

Elevation (ft) 1007' 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 4/24/2023 Date drilling commenced 5/10/2023 Date drilling ceased 8/20/2023  
Date completion activities began 11/1/2023 Date completion activities ceased 12/7/2023  
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 382' Open mine(s) (Y/N) depths -----  
Salt water depth(s) ft 1653' 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

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FEB 14 2024  
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**APPROVED**  
Reviewed by: [Signature]  
06/28/2024

API 47-095 - 02866 Farm name David E. Bowyer Well number Tangerine Unit 1H

| CASING STRINGS            | Hole Size     | Casing Size | Depth  | New or Used | Grade wt/ft | Basket Depth(s) | Did cement circulate (Y/N)<br>* Provide details below* |
|---------------------------|---------------|-------------|--------|-------------|-------------|-----------------|--------------------------------------------------------|
| Conductor                 | 28"           | 20"         | 125.5' | New         | 94#, H-40   | N/A             | Y                                                      |
| Surface                   | 17-1/2"       | 13-3/8"     | 653'   | New         | 54.5#, J-55 | N/A             | Y                                                      |
| Coal                      |               |             |        |             |             |                 |                                                        |
| Intermediate 1            | 12-1/4"       | 9-5/8"      | 3379'  | New         | 36#, J-55   | N/A             | Y                                                      |
| Intermediate 2            |               |             |        |             |             |                 |                                                        |
| Intermediate 3            |               |             |        |             |             |                 |                                                        |
| Production                | 8-3/4"/8-1/2" | 5-1/2"      | 23103' | New         | 20#, P-100  | N/A             | Y                                                      |
| Tubing                    |               | 2-3/8"      | 6811'  |             | 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              | 209 sx          | 15.6                    | 1.18                         | 247                       | 0'                             | 8 Hrs.    |
| Surface        | Class A              | 552 sx          | 15.6                    | 1.20                         | 662                       | 0'                             | 8 Hrs.    |
| Coal           |                      |                 |                         |                              |                           |                                |           |
| Intermediate 1 | Class A              | 1145 sx         | 15.6                    | 1.20                         | 1374                      | 0'                             | 8 Hrs.    |
| Intermediate 2 |                      |                 |                         |                              |                           |                                |           |
| Intermediate 3 |                      |                 |                         |                              |                           |                                |           |
| Production     | Class H              | 3932 sx (Tail)  | 13.5 (Lead), 15.2(Tail) | 1.26 (Tail)                  | 4954                      | ~500' into Intermediate Casing | 8 Hrs.    |
| Tubing         |                      |                 |                         |                              |                           |                                |           |

Drillers TD (ft) 23103' MD, 6252' TVD (BHL), 6304' (Deepest Point Drilled)      Loggers TD (ft) 23103' MD  
 Deepest formation penetrated Marcellus      Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) 6083'

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

| Stage No.                             | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|---------------------------------------|------------------|------------------------|----------------------|------------------------|--------------|
| <b>*PLEASE SEE ATTACHED EXHIBIT 1</b> |                  |                        |                      |                        |              |
|                                       |                  |                        |                      |                        |              |
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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) |
|---------------------------------------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| <b>*PLEASE SEE ATTACHED EXHIBIT 2</b> |                   |                     |                              |                              |            |                          |                        |                                  |
|                                       |                   |                     |                              |                              |            |                          |                        |                                  |
|                                       |                   |                     |                              |                              |            |                          |                        |                                  |
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|                                       |                   |                     |                              |                              |            |                          |                        |                                  |

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WV Department of  
Environmental Protection

Please insert additional pages as applicable.

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| <u>PRODUCING FORMATION(S)</u> | <u>DEPTHS</u>          |                       |
|-------------------------------|------------------------|-----------------------|
| <u>Marcellus</u>              | <u>6223' (TOP)</u> TVD | <u>6957' (TOP)</u> MD |
| _____                         | _____                  | _____                 |
| _____                         | _____                  | _____                 |
| _____                         | _____                  | _____                 |

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump

SHUT-IN PRESSURE Surface 1613 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 5851 mcfpd Oil 313 bpd NGL --- bpd Water 685 bpd GAS MEASURED BY  Estimated  Orifice  Pilot

| <u>LITHOLOGY/<br/>FORMATION</u> | <u>TOP</u>         |                    | <u>BOTTOM</u>      |                    | <u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND<br/>TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H<sub>2</sub>S, ETC)</u> |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|
|                                 | <u>DEPTH IN FT</u> | <u>DEPTH IN FT</u> | <u>DEPTH IN FT</u> | <u>DEPTH IN FT</u> |                                                                                                                        |
|                                 | <u>NAME</u>        | <u>TVD</u>         | <u>MD</u>          | <u>MD</u>          |                                                                                                                        |

**\*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 Schlumberger US Land  
Address 1080 US-33 City Weston State WV Zip 26452

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 Telephone 303-357-7373  
Signature Carly Marvel Title Permitting Agent Date 2/9/2024

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

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WV Department of Environmental Protection

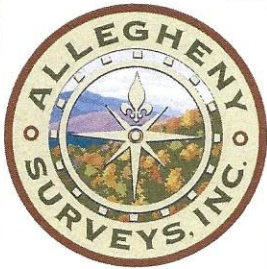
06/28/2024

**Antero Resources**  
**Well No. Tangerine 1H**  
**As-Drilled**  
 Antero Resources Corporation

PAGE 1 of 3

10,376' to Top Hole

1,443' to Bottom Hole  
 TOP HOLE LATITUDE 39-35-00  
 BTM HOLE LATITUDE 39-37-30



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.

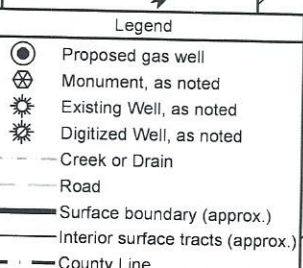
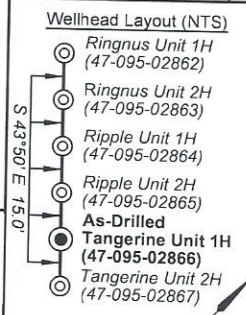
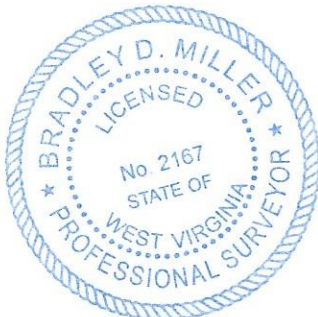
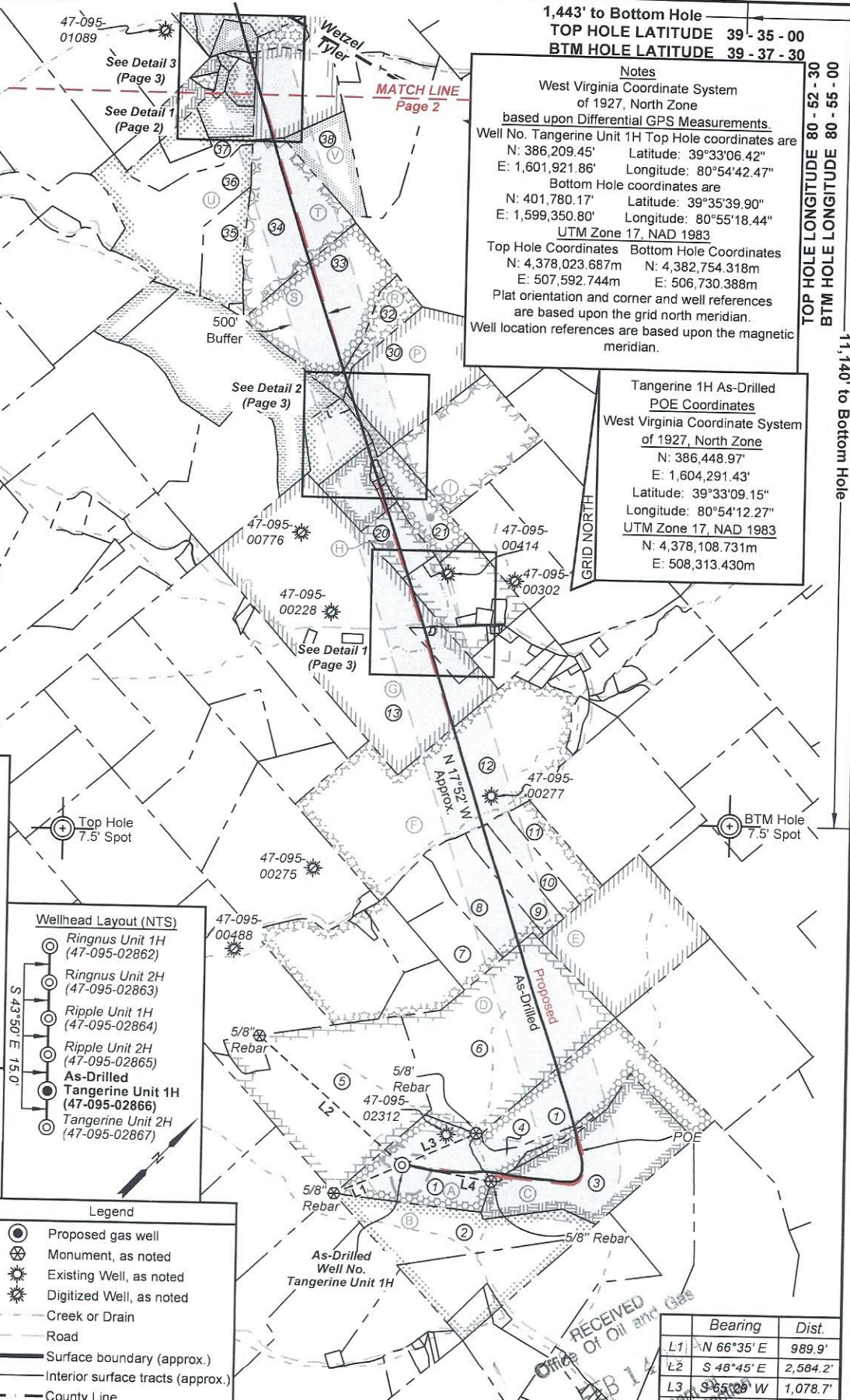
*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167

**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Tangerine Unit 1H Top Hole coordinates are  
 N: 386,209.45' Latitude: 39°33'06.42"  
 E: 1,601,921.86' Longitude: 80°54'42.47"  
 Bottom Hole coordinates are  
 N: 401,780.17' Latitude: 39°35'39.90"  
 E: 1,599,350.80' Longitude: 80°55'18.44"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,378,023.687m N: 4,382,754.318m  
 E: 507,592.744m E: 506,730.388m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

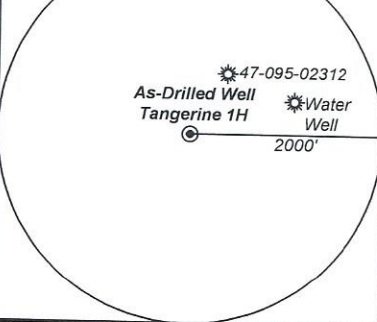
**Tangerine 1H As-Drilled POE Coordinates**  
 West Virginia Coordinate System of 1927, North Zone  
 N: 386,448.97'  
 E: 1,604,291.43'  
 Latitude: 39°33'09.15"  
 Longitude: 80°54'12.27"  
 UTM Zone 17, NAD 1983  
 N: 4,378,108.731m  
 E: 508,313.430m

TOP HOLE LONGITUDE 80-52-30  
 BTM HOLE LONGITUDE 80-55-00

11,492' to Top Hole  
 11,140' to Bottom Hole



Note: 1 water well were found within 2000' of proposed 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.



|    | Bearing    | Dist.    |
|----|------------|----------|
| L1 | N 66°35' E | 989.9'   |
| L2 | S 48°45' E | 2,584.2' |
| L3 | S 65°26' W | 1,078.7' |
| L4 | N 30°42' W | 1,209.6' |

FILE NO: 14-54-L-23  
 DRAWING NO: Tangerine 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: January 17, 2024  
 OPERATOR'S WELL NO. Tangerine 1H  
 API WELL NO  
 47 - 95 - 02866  
 STATE COUNTY PERMIT

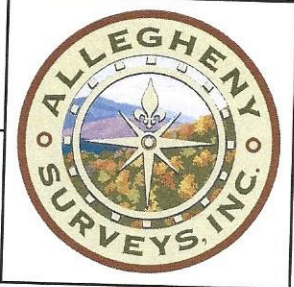
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: As-Built 1,007' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
 DISTRICT: Lincoln COUNTY: Tyler 7.67212; 93.167;  
 SURFACE OWNER: David E. Bowyer 06/28/2024  
 ROYALTY OWNER: Timothy L. VanCamp, Bounty Minerals, LLC; BRC Appalachian Minerals I, LLC; J. Maurice Carlisle, Jr.; LEASE NO: ACREAGE: 85.785  
 14; 0.836; 14.25; 2.51;  
 48.99; 20; 50; 45.808;  
 34.75; 3.85; 39.5

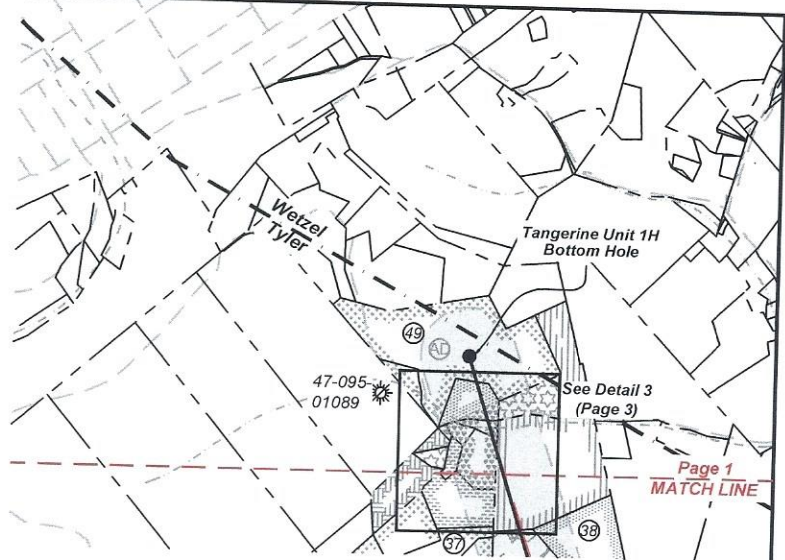
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,103' MD  
 6,252' TVD

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

**Antero Resources**  
**Well No. Tangerine 1H**  
**As-Drilled**  
 Antero Resources Corporation



PAGE 2 of 3



| ID | TM-Par | Owner                                         | Bk/Pg     | Acres  |
|----|--------|-----------------------------------------------|-----------|--------|
| 1  | 9-19   | David E. Bowyer                               | OR16/22   | 85.79  |
| 2  | 9-31.1 | David E. Bowyer                               | OR16/22   | 38.04  |
| 3  | 9-21   | Thomas K. Brotherton                          | 23/310    | 64.00  |
| 4  | 9-20   | Jason & Jessica Greathouse & Laken Curtis     | OR59/513  | 7.38   |
| 5  | 9-17   | Ethan A. & Marsha L. Riffle                   | 323/649   | 90.04  |
| 6  | 9-18   | Michael V. & Debra K. Smith                   | 331/94    | 100.00 |
| 7  | 9-7.3  | Larry G. & Joyce Ann Kaprich                  | 375/254   | 17.23  |
| 8  | 9-8    | Tammy Williams & Alf Riggs                    | 372/134   | 25.24  |
| 9  | 9-8.1  | Steven Wayne & Cynthia Dennis                 | 317/540   | 13.41  |
| 10 | 9-7.4  | Terry L. Nelson, et al                        | 456/828   | 10.78  |
| 11 | 9-7.2  | Robert N. & Rita Paulette Christen            | 339/333   | 13.05  |
| 12 | 9-7.1  | Carl L. & Donna M. Yoho                       | 320/456   | 117.00 |
| 13 | 5-19   | John P. & Susan Buck                          | 337/634   | 159.21 |
| 14 | 5-23   | John Paul & Susan Buck                        | 337/634   | 5.00   |
| 15 | 5-22   | Church of Christ                              | 171/13    | ---    |
| 16 | 5-24.6 | James G. & Brittany E. Fleisher               | 577/289   | 3.82   |
| 17 | 5-24.4 | Becky L. Anderson                             | 299/173   | 0.75   |
| 18 | 5-24   | Jamie Lee Moore and Cathy Jean Moore          | 419/556   | 25.22  |
| 19 | 5-24.2 | Todd A. Keller                                | 312/346   | 1.00   |
| 20 | 5-24.5 | Jessica D. & Jonathan L. Moffit               | 565/511   | 11.19  |
| 21 | 5-28   | Reed J. Davis                                 | 175/220   | 14.00  |
| 22 | 5-29.2 | Larry Dale & Kay Lynn Ancell                  | 273/511   | 11.00  |
| 23 | 5-29.1 | Larry & Kay L. Ancell                         | 229/446   | 1.38   |
| 24 | 5-29   | Larry Ancell                                  | WB27 6    | ---    |
| 25 | 5-29.3 | Ray T. & Amy S. Fluharty                      | 452/795   | 0.83   |
| 26 | 5-30   | Timothy J. & Miranda Haynes                   | OR151/407 | 13.25  |
| 27 | 5-31.1 | Ronnie Tate & Ellen Jane Eddy                 | 304/292   | 6.00   |
| 28 | 5-27   | Robert L. Oldham and Cynthia M. Oldham, et al | OR24/300  | 45.00  |
| 29 | 5-31   | Mary Baker Stewart                            | 212/34    | 1.01   |
| 30 | 5-32   | Meghan E. Britton                             | OR135/173 | 48.99  |
| 31 | 5-34   | Timothy J. & Miranda Haynes                   | OR151/407 | 74.50  |
| 32 | 5-33   | George L. & Marie Moore                       | 204/45    | 20.00  |
| 33 | 5-33.1 | Judy K. Chichick                              | 437/566   | 50.00  |
| 34 | 2-15   | Karl F. Evans, et al                          | 576/763   | 45.80  |
| 35 | 5-39   | Jason Phillips                                | OR164/108 | 16.29  |
| 36 | 5-41   | Cheryl W. Cowen, et al                        | 166/56    | 36.00  |
| 37 | 2-7?   | Shawn D. & Tara A. Cross                      | 612/75    | ---    |
| 38 | 2-21   | Clinton Leasure                               | 512/549   | 13.88  |
| 39 | 2-10   | Shawn D. & Tara A. Cross                      | 612/75    | 6.50   |
| 40 | 2-18   | Bernard Jr. & Ellen Lipscomb                  | 163/177   | 34.75  |
| 41 | 2-9    | Shawn D. & Tara A. Cross                      | 612/75    | 4.01   |
| 42 | 2-13   | Shawn D. & Tara A. Cross                      | 612/75    | 1.35   |
| 43 | 2-14.1 | Shirley J. Billiter                           | 434/262   | 1.12   |
| 44 | 2-14   | Shirley Billiter                              | 215/573   | 7.13   |
| 45 | 2-7    | Shawn D. & Tara A. Cross                      | 612/75    | 0.92   |
| 46 | 2-17   | Todd Hadley & Shawna Moore                    | OR19/499  | 0.93   |
| 47 | 2-19   | Robert Wayne Cross                            | 282/184   | 4.46   |
| 48 | 2-8    | Robert W. & Jean A. Cross                     | 483/582   | 3.85   |
| 49 | 2-4    | Timothy J. & Tiffany D. Michael               | 575/824   | 37.50  |

| Leases |                                              |
|--------|----------------------------------------------|
| A      | Timothy L. Vancamp                           |
| B      | Tamara M. Reynolds                           |
| C      | Bounty Minerals, LLC                         |
| D      | BRC Appalachian Minerals I LLC               |
| E      | Robert N. & Rita Paulette Christen           |
| F      | J. Maurice Carlisle, Jr.                     |
| G      | John Paul Buck, et ux                        |
| H      | George Heslep, et ux                         |
| I      | Carolyn J. Davis                             |
| J      | Larry Dale Ancell, et ux                     |
| K      | J&N Management Enterprises, LLC              |
| L      | Richard A. Slider                            |
| M      | Mary Evans                                   |
| N      | Heritage Resources - Marcellus Minerals, LLC |
| O      | Antero Minerals, LLC                         |
| P      | Dena Raye Grimes                             |
| Q      | Waco Oil & Gas Co Inc.                       |
| R      | George L. Moore, et ux                       |
| S      | Ridgetop Royalties, LLC                      |
| T      | Heritage Resources - Marcellus Minerals, LLC |
| U      | Heritage Resources - Marcellus Minerals, LLC |
| V      | Clinton Leasure                              |
| W      | Rex S. & Tracy Goddard                       |
| X      | Bernard Lipscomb, Jr., et ux                 |
| Y      | Douglas C. Harris, et ux                     |
| Z      | Lottie Elizabeth Cross                       |
| AA     | Shirley J. Billiter                          |
| AB     | Robert W. Cross, et ux                       |
| AC     | Betty Lou Howell                             |
| AD     | Michael Dail Stillwagner                     |

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 WV Department of  
 Environmental Protection

FILE NO: 14-54-L-23  
 DRAWING NO: Tangerine 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY:  
 Submeter  
 PROVEN SOURCE OF ELEVATION:  
 WVDOT, Harrisville, WV

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

DATE: January 17 20 24  
 OPERATOR'S WELL NO. Tangerine 1H  
 API WELL NO  
 47 - 95 - 02866  
 STATE COUNTY PERMIT

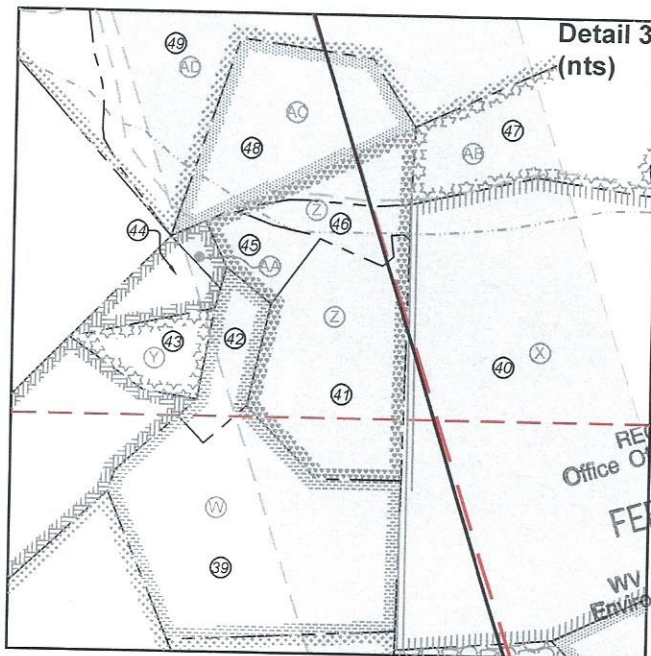
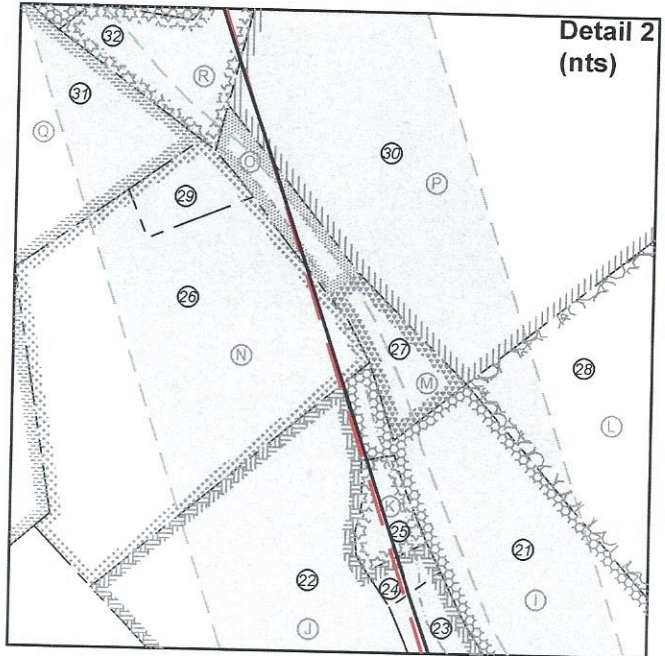
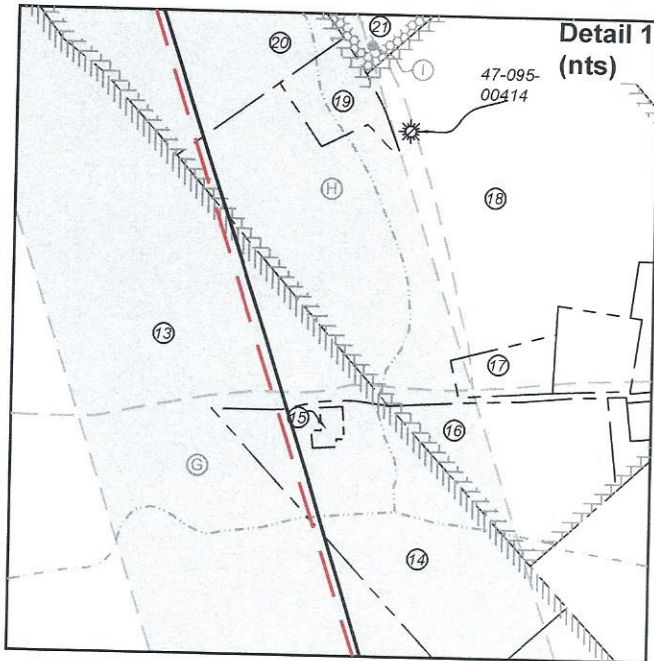
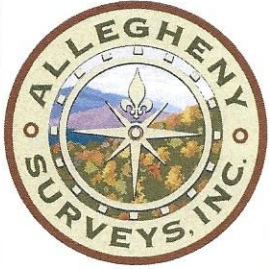
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: As-Built 1,007' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
 DISTRICT: Lincoln COUNTY: Tyler  
 SURFACE OWNER: David E. Bowyer ACREAGE: 85.785  
 ROYALTY OWNER: Timothy L. VanCamp; Bounty Minerals, LLC; BRC Appalachian Minerals I, LLC; J. Maurice Carlisle, Jr.; LEASE NO: \_\_\_\_\_ ACREAGE: 34.75; 3.85; 39.5

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: 23,103' 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

06/28/2024



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 WV Department of  
 Environmental Protection

FILE NO: 14-54-L-23  
 DRAWING NO: Tangerine 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY:  
 Submeter  
 PROVEN SOURCE OF ELEVATION:  
 WVDOT, Harrisville, WV

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

DATE: January 17 20 24  
 OPERATOR'S WELL NO. Tangerine 1H  
 API WELL NO  
47 - 95 - 02866  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,007' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
 DISTRICT: Lincoln COUNTY: Tyler  
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WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
Denver, CO 80202 Bridgeport, WV 26330

06/28/2024

Exhibit 1

| Stage No. | Perforation Date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formations |
|-----------|------------------|------------------------|----------------------|------------------------|------------|
| 1         | 11/1/2023        | 22979.0                | 22935.0              | 36                     | Marcellus  |
| 2         | 11/1/2023        | 22896.4                | 22730.4              | 36                     | Marcellus  |
| 3         | 11/2/2023        | 22694.8                | 22528.8              | 36                     | Marcellus  |
| 4         | 11/2/2023        | 22493.2                | 22327.2              | 36                     | Marcellus  |
| 5         | 11/3/2023        | 22291.6                | 22125.6              | 36                     | Marcellus  |
| 6         | 11/3/2023        | 22090.0                | 21924.0              | 36                     | Marcellus  |
| 7         | 11/3/2023        | 21888.4                | 21722.4              | 36                     | Marcellus  |
| 8         | 11/4/2023        | 21686.8                | 21520.7              | 36                     | Marcellus  |
| 9         | 11/5/2023        | 21485.1                | 21319.1              | 36                     | Marcellus  |
| 10        | 11/5/2023        | 21283.5                | 21117.5              | 36                     | Marcellus  |
| 11        | 11/5/2023        | 21081.9                | 20915.9              | 36                     | Marcellus  |
| 12        | 11/5/2023        | 20880.3                | 20714.3              | 36                     | Marcellus  |
| 13        | 11/6/2023        | 20678.7                | 20512.7              | 36                     | Marcellus  |
| 14        | 11/6/2023        | 20477.1                | 20311.1              | 36                     | Marcellus  |
| 15        | 11/7/2023        | 20275.5                | 20109.5              | 36                     | Marcellus  |
| 16        | 11/7/2023        | 20073.9                | 19907.9              | 36                     | Marcellus  |
| 17        | 11/7/2023        | 19872.3                | 19706.3              | 36                     | Marcellus  |
| 18        | 11/8/2023        | 19670.7                | 19504.7              | 36                     | Marcellus  |
| 19        | 11/8/2023        | 19469.1                | 19303.1              | 36                     | Marcellus  |
| 20        | 11/8/2023        | 19267.5                | 19101.5              | 36                     | Marcellus  |
| 21        | 11/9/2023        | 19065.9                | 18899.8              | 36                     | Marcellus  |
| 22        | 11/9/2023        | 18864.2                | 18698.2              | 36                     | Marcellus  |
| 23        | 11/10/2023       | 18662.6                | 18496.6              | 36                     | Marcellus  |
| 24        | 11/10/2023       | 18461.0                | 18295.0              | 36                     | Marcellus  |
| 25        | 11/10/2023       | 18259.4                | 18093.4              | 36                     | Marcellus  |
| 26        | 11/11/2023       | 18057.8                | 17891.8              | 36                     | Marcellus  |
| 27        | 11/11/2023       | 17856.2                | 17690.2              | 36                     | Marcellus  |
| 28        | 11/12/2023       | 17654.6                | 17488.6              | 36                     | Marcellus  |
| 29        | 11/12/2023       | 17453.0                | 17287.0              | 36                     | Marcellus  |
| 30        | 11/12/2023       | 17251.4                | 17085.4              | 36                     | Marcellus  |
| 31        | 11/12/2023       | 17049.8                | 16883.8              | 36                     | Marcellus  |
| 32        | 11/13/2023       | 16848.2                | 16682.2              | 36                     | Marcellus  |
| 33        | 11/13/2023       | 16646.6                | 16480.6              | 36                     | Marcellus  |
| 34        | 11/13/2023       | 16445.0                | 16278.9              | 36                     | Marcellus  |
| 35        | 11/13/2023       | 16243.3                | 16077.3              | 36                     | Marcellus  |
| 36        | 11/14/2023       | 16041.7                | 15875.7              | 36                     | Marcellus  |
| 37        | 11/14/2023       | 15840.1                | 15674.1              | 36                     | Marcellus  |
| 38        | 11/14/2023       | 15638.5                | 15472.5              | 36                     | Marcellus  |
| 39        | 11/14/2023       | 15436.9                | 15270.9              | 36                     | Marcellus  |
| 40        | 11/15/2023       | 15235.3                | 15069.3              | 36                     | Marcellus  |
| 41        | 11/15/2023       | 15033.7                | 14867.7              | 36                     | Marcellus  |
| 42        | 11/15/2023       | 14832.1                | 14666.1              | 36                     | Marcellus  |
| 43        | 11/15/2023       | 14630.5                | 14464.5              | 36                     | Marcellus  |
| 44        | 11/16/2023       | 14428.9                | 14262.9              | 36                     | Marcellus  |
| 45        | 11/16/2023       | 14227.3                | 14061.3              | 36                     | Marcellus  |
| 46        | 11/16/2023       | 14025.7                | 13859.7              | 36                     | Marcellus  |
| 47        | 11/17/2023       | 13824.1                | 13658.1              | 36                     | Marcellus  |
| 48        | 11/17/2023       | 13622.4                | 13456.4              | 36                     | Marcellus  |
| 49        | 11/17/2023       | 13420.8                | 13254.8              | 36                     | Marcellus  |
| 50        | 11/17/2023       | 13219.2                | 13053.2              | 36                     | Marcellus  |
| 51        | 11/18/2023       | 13017.6                | 12851.6              | 36                     | Marcellus  |
| 52        | 11/18/2023       | 12816.0                | 12650.0              | 36                     | Marcellus  |
| 53        | 11/18/2023       | 12614.4                | 12448.4              | 36                     | Marcellus  |
| 54        | 11/18/2023       | 12412.8                | 12246.8              | 36                     | Marcellus  |
| 55        | 11/19/2023       | 12211.2                | 12045.2              | 36                     | Marcellus  |
| 56        | 11/19/2023       | 12009.6                | 11843.6              | 36                     | Marcellus  |
| 57        | 11/19/2023       | 11808.0                | 11642.0              | 36                     | Marcellus  |
| 58        | 11/19/2023       | 11606.4                | 11440.4              | 36                     | Marcellus  |
| 59        | 11/19/2023       | 11404.8                | 11238.8              | 36                     | Marcellus  |
| 60        | 11/20/2023       | 11203.2                | 11037.2              | 36                     | Marcellus  |
| 61        | 11/20/2023       | 11001.6                | 10835.5              | 36                     | Marcellus  |
| 62        | 11/20/2023       | 10799.9                | 10633.9              | 36                     | Marcellus  |
| 63        | 11/20/2023       | 10598.3                | 10432.3              | 36                     | Marcellus  |
| 64        | 11/21/2023       | 10396.7                | 10230.7              | 36                     | Marcellus  |
| 65        | 11/21/2023       | 10195.1                | 10029.1              | 36                     | Marcellus  |
| 66        | 11/21/2023       | 9993.5                 | 9827.5               | 36                     | Marcellus  |
| 67        | 11/21/2023       | 9791.9                 | 9625.9               | 36                     | Marcellus  |
| 68        | 11/22/2023       | 9590.3                 | 9424.3               | 36                     | Marcellus  |
| 69        | 11/22/2023       | 9388.7                 | 9222.7               | 36                     | Marcellus  |
| 70        | 11/22/2023       | 9187.1                 | 9021.1               | 36                     | Marcellus  |
| 71        | 11/23/2023       | 8985.5                 | 8819.5               | 36                     | Marcellus  |
| 72        | 11/23/2023       | 8783.9                 | 8617.9               | 36                     | Marcellus  |
| 73        | 11/23/2023       | 8582.3                 | 8416.3               | 36                     | Marcellus  |
| 74        | 11/23/2023       | 8380.7                 | 8214.6               | 36                     | Marcellus  |
| 75        | 11/23/2023       | 8179.0                 | 8013.0               | 36                     | Marcellus  |
| 76        | 11/24/2023       | 7977.4                 | 7811.4               | 36                     | Marcellus  |
| 77        | 11/24/2023       | 7775.8                 | 7609.8               | 36                     | Marcellus  |
| 78        | 11/24/2023       | 7574.2                 | 7408.2               | 36                     | Marcellus  |
| 79        | 11/24/2023       | 7372.6                 | 7206.6               | 36                     | Marcellus  |
| 80        | 11/25/2023       | 7171.0                 | 7005.0               | 36                     | Marcellus  |

06/28/2024



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         | 11/1/2023         | 78.5          | 9417.4                       | 9486.66                      | 3185.0     | 169680                   | 4955.3                 | N/A                               |
| 2         | 11/1/2023         | 85.0          | 9923.9                       | 6278.43                      | 3862.7     | 398978                   | 7278.4                 | N/A                               |
| 3         | 11/2/2023         | 88.1          | 10338.4                      | 5930.16                      | 3656.5     | 418020                   | 7189.5                 | N/A                               |
| 4         | 11/2/2023         | 61.2          | 8963.8                       | 6136.86                      | 3415.9     | 419580                   | 9154.5                 | N/A                               |
| 5         | 11/3/2023         | 85.8          | 10943.9                      | 5406.21                      | 3811.8     | 415540                   | 7094.0                 | N/A                               |
| 6         | 11/3/2023         | 84.9          | 10440.4                      | 5951.22                      | 3584.1     | 411240                   | 7373.5                 | N/A                               |
| 7         | 11/3/2023         | 87.0          | 10246.0                      | 5739.2                       | 3628.9     | 418540                   | 7641.0                 | N/A                               |
| 8         | 11/4/2023         | 83.2          | 10346.3                      | 5393.12                      | 3475.5     | 422520                   | 7340.6                 | N/A                               |
| 9         | 11/5/2023         | 78.2          | 9481.7                       | 5438                         | 3578.5     | 420960                   | 9862.9                 | N/A                               |
| 10        | 11/5/2023         | 83.6          | 9955.8                       | 5610.5                       | 4022.4     | 413840                   | 8391.1                 | N/A                               |
| 11        | 11/5/2023         | 86.8          | 10078.1                      | 5324.98                      | 4334.0     | 414880                   | 8248.4                 | N/A                               |
| 12        | 11/5/2023         | 87.7          | 10060.8                      | 5556.42                      | 4208.7     | 410406                   | 7720.9                 | N/A                               |
| 13        | 11/6/2023         | 80.5          | 10086.3                      | 5702.73                      | 3471.0     | 421040                   | 7668.1                 | N/A                               |
| 14        | 11/6/2023         | 83.2          | 10129.9                      | 5137.98                      | 3251.8     | 412680                   | 7316.6                 | N/A                               |
| 15        | 11/7/2023         | 88.4          | 10321.5                      | 5205.33                      | 3376.6     | 415220                   | 7421.4                 | N/A                               |
| 16        | 11/7/2023         | 90.0          | 10172.0                      | 5668.75                      | 3499.9     | 416680                   | 7511.0                 | N/A                               |
| 17        | 11/7/2023         | 88.6          | 10037.7                      | 5352.31                      | 3759.6     | 419700                   | 7372.4                 | N/A                               |
| 18        | 11/8/2023         | 78.3          | 10129.5                      | 5456.5                       | 3236.0     | 415520                   | 6900.6                 | N/A                               |
| 19        | 11/8/2023         | 95.1          | 10289.7                      | 5135.71                      | 3723.8     | 420200                   | 7226.5                 | N/A                               |
| 20        | 11/8/2023         | 88.6          | 9344.3                       | 5470.88                      | 3902.0     | 413520                   | 7681.5                 | N/A                               |
| 21        | 11/9/2023         | 92.4          | 9417.7                       | 5247.61                      | 3830.8     | 413940                   | 7363.5                 | N/A                               |
| 22        | 11/9/2023         | 93.8          | 10039.2                      | 5264.82                      | 3868.9     | 418740                   | 7157.6                 | N/A                               |
| 23        | 11/10/2023        | 36.7          | 5841.0                       | 5277.25                      | 4254.5     | 419300                   | 13504.4                | N/A                               |
| 24        | 11/10/2023        | 94.8          | 9036.3                       | 4847.24                      | 3923.7     | 424840                   | 7892.5                 | N/A                               |
| 25        | 11/10/2023        | 90.4          | 9485.0                       | 5198.02                      | 3883.7     | 418500                   | 7687.2                 | N/A                               |
| 26        | 11/11/2023        | 94.2          | 9974.3                       | 5289.43                      | 4100.3     | 419960                   | 7561.6                 | N/A                               |
| 27        | 11/11/2023        | 90.9          | 9400.5                       | 4996.81                      | 3916.5     | 420540                   | 7612.5                 | N/A                               |
| 28        | 11/12/2023        | 91.6          | 9485.0                       | 5217.38                      | 3979.1     | 410340                   | 7440.8                 | N/A                               |
| 29        | 11/12/2023        | 95.3          | 9674.3                       | 5673.87                      | 3920.3     | 421820                   | 7450.6                 | N/A                               |
| 30        | 11/12/2023        | 94.8          | 9568.9                       | 5399.52                      | 4144.6     | 416760                   | 7668.8                 | N/A                               |
| 31        | 11/12/2023        | 93.1          | 9345.5                       | 5607.24                      | 3945.6     | 421440                   | 7767.4                 | N/A                               |
| 32        | 11/13/2023        | 90.0          | 9107.9                       | 5433.8                       | 3800.8     | 414720                   | 7601.3                 | N/A                               |
| 33        | 11/13/2023        | 94.5          | 9411.1                       | 5241.26                      | 3760.7     | 416380                   | 7379.3                 | N/A                               |
| 34        | 11/13/2023        | 93.5          | 9577.1                       | 5542.72                      | 3513.0     | 420680                   | 7630.0                 | N/A                               |
| 35        | 11/13/2023        | 89.9          | 9508.5                       | 5660.1                       | 3172.2     | 423420                   | 7890.9                 | N/A                               |
| 36        | 11/14/2023        | 91.4          | 9267.4                       | 5626.84                      | 3596.5     | 414940                   | 7749.6                 | N/A                               |
| 37        | 11/14/2023        | 95.1          | 9310.2                       | 5783.59                      | 3752.5     | 422240                   | 7108.7                 | N/A                               |
| 38        | 11/14/2023        | 87.0          | 9176.1                       | 5524.95                      | 3878.4     | 418740                   | 8265.5                 | N/A                               |
| 39        | 11/14/2023        | 94.8          | 9244.7                       | 5511.51                      | 4046.9     | 422220                   | 7776.2                 | N/A                               |
| 40        | 11/15/2023        | 94.9          | 9088.7                       | 5330.75                      | 3518.6     | 418520                   | 7639.4                 | N/A                               |
| 41        | 11/15/2023        | 94.5          | 9425.2                       | 5058.24                      | 3653.3     | 419980                   | 7483.7                 | N/A                               |
| 42        | 11/15/2023        | 96.8          | 9678.6                       | 5403.61                      | 3583.2     | 412000                   | 7276.9                 | N/A                               |
| 43        | 11/15/2023        | 93.9          | 8992.6                       | 5039.04                      | 3605.0     | 418480                   | 7914.9                 | N/A                               |
| 44        | 11/16/2023        | 91.7          | 9212.0                       | 5234.2                       | 4580.0     | 235452                   | 7506.4                 | N/A                               |
| 45        | 11/16/2023        | 93.7          | 8869.6                       | 5271.52                      | 3544.7     | 411380                   | 7252.0                 | N/A                               |
| 46        | 11/16/2023        | 95.5          | 8898.3                       | 5359.38                      | 3317.7     | 420300                   | 7663.1                 | N/A                               |
| 47        | 11/17/2023        | 96.4          | 8777.0                       | 5354.32                      | 3338.0     | 413260                   | 7493.7                 | N/A                               |
| 48        | 11/17/2023        | 94.7          | 9034.5                       | 5152.68                      | 3449.1     | 415860                   | 7446.4                 | N/A                               |
| 49        | 11/17/2023        | 95.0          | 8937.6                       | 5432.54                      | 3373.9     | 426040                   | 7678.4                 | N/A                               |
| 50        | 11/17/2023        | 94.9          | 9017.5                       | 5418.31                      | 3469.2     | 417760                   | 7635.5                 | N/A                               |
| 51        | 11/18/2023        | 95.2          | 8474.6                       | 5604.36                      | 3584.4     | 416660                   | 7361.7                 | N/A                               |
| 52        | 11/18/2023        | 93.6          | 8764.2                       | 5456.03                      | 3442.5     | 415440                   | 7053.4                 | N/A                               |
| 53        | 11/18/2023        | 94.5          | 8569.8                       | 5225.18                      | 3567.7     | 417820                   | 6977.4                 | N/A                               |
| 54        | 11/18/2023        | 92.4          | 8301.3                       | 5283.92                      | 3552.3     | 422520                   | 7248.4                 | N/A                               |
| 55        | 11/19/2023        | 96.6          | 8254.2                       | 5334.52                      | 3605.6     | 417000                   | 7446.2                 | N/A                               |
| 56        | 11/19/2023        | 95.7          | 8726.5                       | 5351.54                      | 3565.3     | 414760                   | 7129.5                 | N/A                               |
| 57        | 11/19/2023        | 96.5          | 8571.8                       | 4980.66                      | 3918.9     | 414380                   | 6984.5                 | N/A                               |
| 58        | 11/19/2023        | 96.0          | 8477.4                       | 5504.6                       | 3853.2     | 422080.0                 | 7263.8                 | N/A                               |
| 59        | 11/19/2023        | 94.2          | 8392.4                       | 5443.9                       | 3796.0     | 410060.0                 | 7221.0                 | N/A                               |
| 60        | 11/20/2023        | 95.3          | 8337.7                       | 5685.7                       | 3676.3     | 414320.0                 | 6962.7                 | N/A                               |
| 61        | 11/20/2023        | 96.0          | 8007.7                       | 5117.1                       | 3651.4     | 414880.0                 | 6838.3                 | N/A                               |
| 62        | 11/20/2023        | 96.3          | 7878.8                       | 5279.8                       | 4047.6     | 415680.0                 | 6954.9                 | N/A                               |
| 63        | 11/20/2023        | 96.5          | 8029.8                       | 5304.8                       | 3898.0     | 405160.0                 | 6935.3                 | N/A                               |
| 64        | 11/21/2023        | 92.6          | 8085.3                       | 5266.1                       | 3910.0     | 417520.0                 | 7931.1                 | N/A                               |
| 65        | 11/21/2023        | 96.7          | 8221.4                       | 5001.7                       | 3649.9     | 417920.0                 | 6797.5                 | N/A                               |
| 66        | 11/21/2023        | 96.3          | 7736.6                       | 5252.4                       | 3551.7     | 413140.0                 | 6959.9                 | N/A                               |
| 67        | 11/21/2023        | 95.0          | 7793.1                       | 5528.7                       | 3485.0     | 417060.0                 | 7057.1                 | N/A                               |
| 68        | 11/22/2023        | 95.4          | 7812.8                       | 5668.3                       | 3728.0     | 415980.0                 | 7093.5                 | N/A                               |
| 69        | 11/22/2023        | 95.5          | 7841.7                       | 4759.7                       | 3880.0     | 415040.0                 | 6881.6                 | N/A                               |
| 70        | 11/22/2023        | 96.5          | 7830.7                       | 4953.8                       | 3801.0     | 413720.0                 | 7022.7                 | N/A                               |
| 71        | 11/23/2023        | 95.4          | 7869.6                       | 5324.9                       | 3882.8     | 416900.0                 | 6927.9                 | N/A                               |
| 72        | 11/23/2023        | 94.7          | 7547.0                       | 5416.7                       | 3760.3     | 414220.0                 | 6953.7                 | N/A                               |
| 73        | 11/23/2023        | 95.5          | 7734.7                       | 5142.3                       | 3629.7     | 412860.0                 | 6748.7                 | N/A                               |
| 74        | 11/23/2023        | 96.0          | 7723.5                       | 5570.3                       | 3649.7     | 414740.0                 | 6969.2                 | N/A                               |
| 75        | 11/23/2023        | 94.6          | 7545.2                       | 5310.8                       | 3518.5     | 416080.0                 | 6861.1                 | N/A                               |
| 76        | 11/24/2023        | 95.4          | 7633.0                       | 5267.7                       | 3650.0     | 413900.0                 | 6657.6                 | N/A                               |
| 77        | 11/24/2023        | 95.7          | 7605.4                       | 5173.5                       | 3680.7     | 407720.0                 | 6745.5                 | N/A                               |
| 78        | 11/24/2023        | 95.3          | 7366.7                       | 4722.2                       | 3463.4     | 418900.0                 | 6888.9                 | N/A                               |
| 79        | 11/24/2023        | 96.1          | 7383.7                       | 4945.7                       | 3637.9     | 408820.0                 | 6774.2                 | N/A                               |
| 80        | 11/25/2023        | 93.4          | 7189.6                       | 5625.5                       | 3265.2     | 415320.0                 | 7809.7                 | N/A                               |
| AVERAGE   |                   | 91            | 8,945                        | 5,429                        | 3,700      | 32,887,896               | 596,304                | N/A                               |

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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      |
| Shaley Sandstone     | 624             | 724                | 624            | 724               |
| Sandy Shale          | 724             | 774                | 724            | 774               |
| Shale                | 774             | 824                | 774            | 824               |
| Sandy Shale          | 824             | 874                | 824            | 874               |
| Shale                | 874             | 1,024              | 874            | 1,024             |
| Sandy Shale          | 1,024           | 1,124              | 1,024          | 1,124             |
| Sandy Shale          | 1,124           | 1,224              | 1,124          | 1,224             |
| Shaley Sandstone     | 1,224           | 1,324              | 1,224          | 1,324             |
| Sandstone, Tr Shale  | 1,324           | 1,424              | 1,324          | 1,424             |
| Shale, Tr Sandstone  | 1,424           | 1,524              | 1,424          | 1,524             |
| Sandy Shale          | 1,524           | 1,624              | 1,524          | 1,624             |
| Shale, tr Sandstone  | 1,624           | 1,774              | 1,624          | 1,774             |
| Sandy Shale          | 1,774           | 1,792              | 1,774          | 1,818             |
| Big Lime             | 1,818           | 2,693              | 1,818          | 2,829             |
| Fifty Foot Sandstone | 2,693           | 2,792              | 2,803          | 2,944             |
| Gordon               | 2,792           | 2,917              | 2,918          | 3,088             |
| Fifth Sandstone      | 2,917           | 3,157              | 3,062          | 3,362             |
| Bayard               | 3,157           | 3,862              | 3,336          | 4,184             |
| Speechley            | 3,862           | 4,104              | 4,158          | 4,460             |
| Balltown             | 4,104           | 4,550              | 4,434          | 4,966             |
| Bradford             | 4,550           | 4,872              | 4,940          | 5,334             |
| Benson               | 4,872           | 5,091              | 5,308          | 5,587             |
| Alexander            | 5,091           | 6,125              | 5,561          | 6,783             |
| Sycamore             | 5,995           | 6,099              | 6,623          | 6,757             |
| Middlesex            | 6,099           | 6,185              | 6,757          | 6,884             |
| Burkett              | 6,185           | 6,223              | 6,884          | 6,957             |
| Marcellus            | 6,223           | NA                 | 6,957          | 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:                 | 11/01/2023                   |
| Job End Date:                   | 11/01/2023                   |
| State:                          | West Virginia                |
| County:                         | Tyler                        |
| API Number:                     | 47-095-02860-00-00           |
| Operator Name:                  | Antero Resources Corporation |
| Well Name and Number:           | TANGERINE UNIT 1H            |
| Latitude:                       | 39.5518                      |
| Longitude:                      | -80.9176                     |
| Datum:                          | WGS84                        |
| Federal Well:                   | NO                           |
| Indian Well:                    | NO                           |
| True Vertical Depth:            | 6257                         |
| Total Base Water Volume (gal)*: | 26304557                     |
| Total Base Non Water Volume:    | 0                            |



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

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

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|  |  |  |                                                                                         |             |           |          |  |
|--|--|--|-----------------------------------------------------------------------------------------|-------------|-----------|----------|--|
|  |  |  | Water                                                                                   | 7732-18-5   | 100.00000 | 86.78612 |  |
|  |  |  | Crystalline silica, quartz                                                              | 14808-60-7  | 100.00000 | 13.01049 |  |
|  |  |  | Water                                                                                   | 7732-18-5   | 100.00000 | 0.17229  |  |
|  |  |  | Hydrochloric acid                                                                       | 7647-01-0   | 30.00000  | 0.03902  |  |
|  |  |  | Complex amine compound                                                                  | Proprietary | 60.00000  | 0.03393  |  |
|  |  |  | Hydrotreated distillate                                                                 | Proprietary | 30.00000  | 0.01697  |  |
|  |  |  | Guar gum                                                                                | 9000-30-0   | 100.00000 | 0.00809  |  |
|  |  |  | Ammonium chloride                                                                       | 12125-02-9  | 5.00000   | 0.00283  |  |
|  |  |  | Fatty nitrogen derived amides                                                           | Proprietary | 5.00000   | 0.00283  |  |
|  |  |  | Ethoxylated alcohol                                                                     | Proprietary | 5.00000   | 0.00283  |  |
|  |  |  | Glutaraldehyde                                                                          | 111-30-8    | 30.00000  | 0.00248  |  |
|  |  |  | Sorbitan, mono-9-octadecenoate, (z)                                                     | 1338-43-8   | 1.00000   | 0.00057  |  |
|  |  |  | Sorbitan monooleate polyoxyethylene derivative                                          | 9005-65-6   | 1.00000   | 0.00057  |  |
|  |  |  | Quaternary ammonium compound                                                            | 68424-85-1  | 5.00000   | 0.00041  |  |
|  |  |  | Methyl Alcohol                                                                          | 67-56-1     | 100.00000 | 0.00024  |  |
|  |  |  | 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  | 0.00007  |  |
|  |  |  | Modified thiourea polymer                                                               | Proprietary | 30.00000  | 0.00007  |  |
|  |  |  | Oxylated phenolic resin                                                                 | Proprietary | 30.00000  | 0.00005  |  |
|  |  |  | Propargyl alcohol                                                                       | 107-19-7    | 5.00000   | 0.00001  |  |
|  |  |  | Hexadecene                                                                              | 629-73-2    | 5.00000   | 0.00001  |  |
|  |  |  | Ethoxylated alcohols                                                                    | Proprietary | 5.00000   | 0.00001  |  |
|  |  |  | 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%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

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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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