

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

API 47 - 103 - 03478 County Wetzel District Green  
Quad Porter Falls Pad Name Red Lady Field/Pool Name -----  
Farm name Margaret Lancaster Well Number Baldy 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 4375187m Easting 520470m  
Landing Point of Curve Northing 4375287.249m Easting 520426.384m  
Bottom Hole Northing 4380656m Easting 518597m

Elevation (ft) 1206' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

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

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

Mud - Polymer

Date permit issued 3/2/2022 Date drilling commenced 4/4/2022 Date drilling ceased 7/13/2022  
Date completion activities began 8/18/2022 Date completion activities ceased 11/13/2022  
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 1040' Open mine(s) (Y/N) depths No  
Salt water depth(s) ft 1592' Void(s) encountered (Y/N) depths No  
Coal depth(s) ft 851' Cavern(s) encountered (Y/N) depths No  
Is coal being mined in area (Y/N) No

Reviewed by: Shirley May  
**APPROVED** 08/11/2023  
5/20/23

API 47-103 - 03478 Farm name Margaret Lancaster Well number Baldy 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                 | 26"           | 20"         | 328'   | New         | 78.67#, X-60 | N/A             | Y  |
| Surface                   | 17-1/2"       | 13-3/8"     | 958'   | New         | 54.5#, J-55  | N/A             | Y  |
| Coal                      |               |             |        |             |              |                 |  |
| Intermediate 1            | 12-1/4"       | 9-5/8"      | 3431'  | New         | 36#, J-55    | N/A             | Y  |
| Intermediate 2            |               |             |        |             |              |                 |  |
| Intermediate 3            |               |             |        |             |              |                 |  |
| Production                | 8-3/4"/8-1/2" | 5-1/2"      | 25744' | New         | 23#          | N/A             | Y  |
| Tubing                    |               | 2-3/8"      | 6929'  |             | 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              | 270 sx          | 15.6                    | 1.18                         | 319                       | 0'                             | 8 Hrs.    |
| Surface        | Class A              | 760 sx          | 15.6                    | 1.20                         | 912                       | 0'                             | 8 Hrs.    |
| Coal           |                      |                 |                         |                              |                           |                                |           |
| Intermediate 1 | Class A              | 1156 sx         | 15.6                    | 1.18                         | 1364                      | 0'                             | 8 Hrs.    |
| Intermediate 2 |                      |                 |                         |                              |                           |                                |           |
| Intermediate 3 |                      |                 |                         |                              |                           |                                |           |
| Production     | Class H              | 4265 sx (Tail)  | 13.5 (Lead), 15.2(Tail) | 1.26 (Tail)                  | 5374                      | -500' into Intermediate Casing | 8 Hrs.    |
| Tubing         |                      |                 |                         |                              |                           |                                |           |

Drillers TD (ft) 25744' MD, 6888' TVD (BHL), 6917' (Deepest Point Drilled) Loggers TD (ft) 25744' MD  
 Deepest formation penetrated Marcellus Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) 6252'

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

RECEIVED  
Office of Oil and Gas

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS FEB 24 2023

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

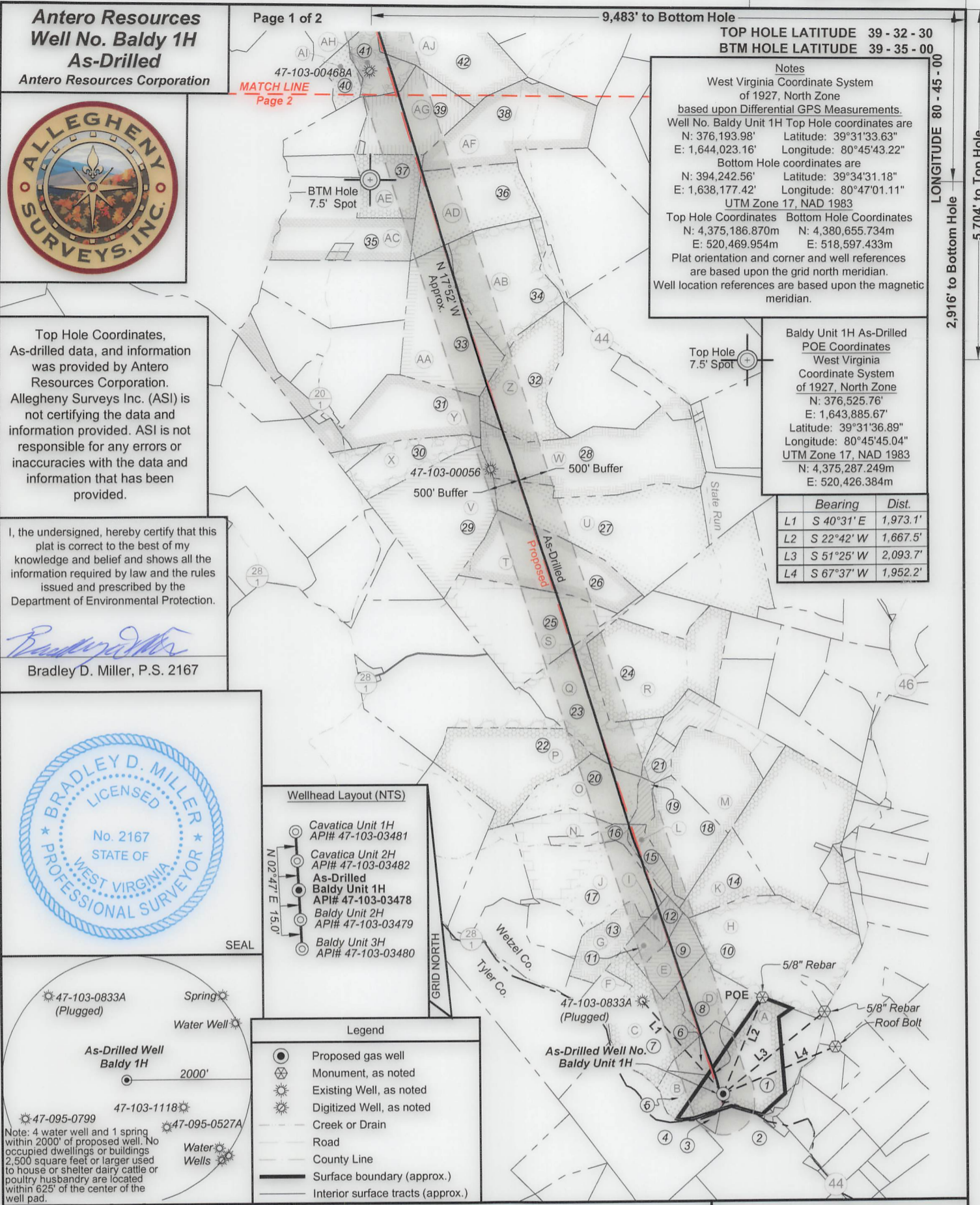
WV Department of  
Environmental Protection

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED N/A

08/11/2023







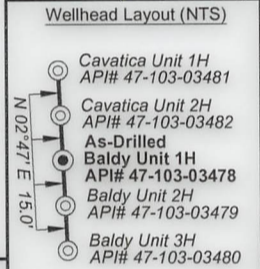
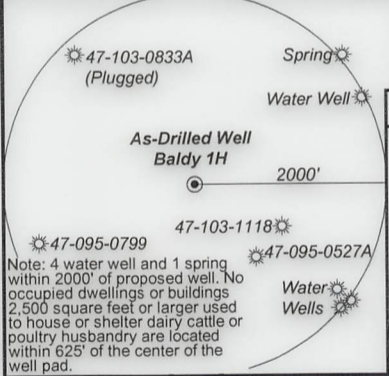
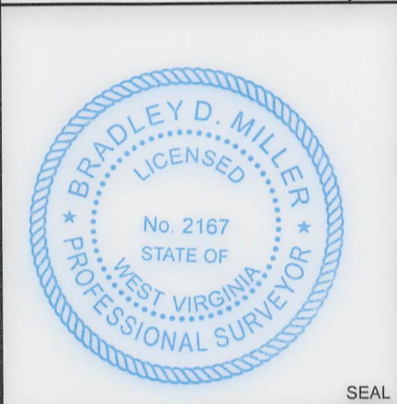
**Antero Resources**  
**Well No. Baldy 1H**  
**As-Drilled**  
 Antero Resources Corporation



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



**Legend**

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

**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Baldy Unit 1H Top Hole coordinates are  
 N: 376,193.98' Latitude: 39°31'33.63"  
 E: 1,644,023.16' Longitude: 80°45'43.22"  
 Bottom Hole coordinates are  
 N: 394,242.56' Latitude: 39°34'31.18"  
 E: 1,638,177.42' Longitude: 80°47'01.11"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,375,186.870m N: 4,380,655.734m  
 E: 520,469.954m E: 518,597.433m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Baldy Unit 1H As-Drilled POE Coordinates**  
 West Virginia Coordinate System of 1927, North Zone  
 N: 376,525.76'  
 E: 1,643,885.67'  
 Latitude: 39°31'36.89"  
 Longitude: 80°45'45.04"  
 UTM Zone 17, NAD 1983  
 N: 4,375,287.249m  
 E: 520,426.384m

| Bearing       | Dist.    |
|---------------|----------|
| L1 S 40°31' E | 1,973.1' |
| L2 S 22°42' W | 1,667.5' |
| L3 S 51°25' W | 2,093.7' |
| L4 S 67°37' W | 1,952.2' |

FILE NO: 109-34-G-18  
 DRAWING NO: Baldy 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

DATE: February 22 2023  
 OPERATOR'S WELL NO. Baldy Unit 1H  
 API WELL NO  
 47 - 103 - 03478  
 STATE COUNTY PERMIT

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

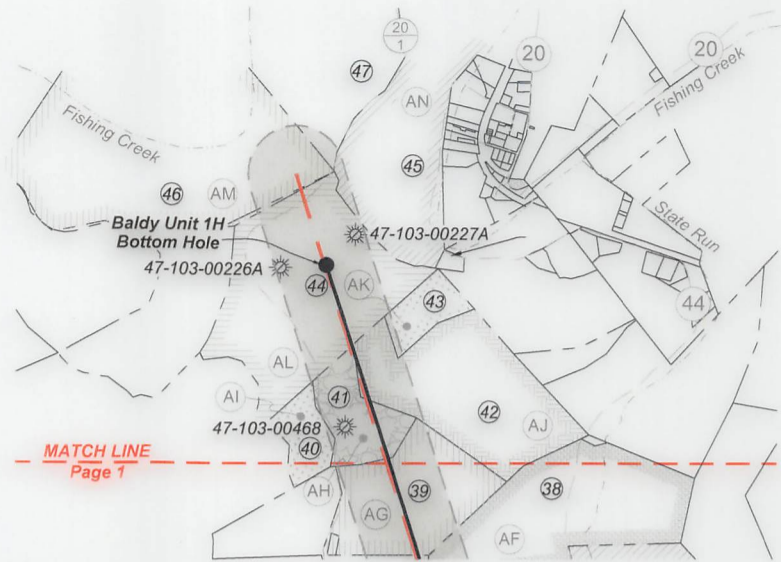
LOCATION: ELEVATION: As-Built 1,206' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls 17; 41.75; 39; 42;  
 DISTRICT: Green Margaret COUNTY: Wayne 76; 46.875; 37; 53;  
 SURFACE OWNER: Lancaster Edward D. & Heather M. Stewart; Susan J. Fair; Dale L. Fox; Thomas W. Lins; Linda Ice Long; ACREAGE: 39.00 34.17; 38; 32.56; 26;  
 ROYALTY OWNER: Shiben Estates Inc. (3); Chesapeake Appalachia, LLC (3); Kenneth Stewart Keystone Trust (2); LEASE NO: ACREAGE: 60; 57.1; 26.5; 15; 69

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,888' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,744' 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

**Antero Resources**  
**Well No. Baldy 1H**  
**As-Drilled**

Antero Resources Corporation



| ID | TM-Par  | Owner                                   | Bk/Pg     | Acres  |
|----|---------|---|-----------|--------|
| 1  | 19-31   | Margaret Lancaster                      | 333 / 440 | 39.00  |
| 2  | 12-27   | Crystal A. Muzzy (Tyler Co.)            | W69 / 226 | 60.91  |
| 3  | -       | Garrett Cemetery                        | 85 / 62   | 1.80   |
| 4  | 12-25   | Cecil & Margaret Lancaster              | 170 / 48  | 78.17  |
| 5  | 19-52   | Joshua Highley                          | 464 / 208 | 8.01   |
| 6  | 19-30   | Richard R. & Mary J. Scyoc              | 452 / 177 | 13.00  |
| 7  | 19-21   | Joshua Highley                          | 464 / 208 | 41.75  |
| 8  | 19-23   | Richard R. & Mary J. Scyoc              | 452 / 177 | 25.00  |
| 9  | 19-15   | Joshua Highley                          | 464 / 208 | 17.00  |
| 10 | 19-16   | Richard R. & Mary J. Scyoc              | 443 / 336 | 73.96  |
| 11 | 19-13   | Joshua Highley                          | 464 / 208 | 5.00   |
| 12 | 19-14   | Joshua Highley                          | 419 / 822 | 6.00   |
| 13 | 19-12   | Joshua Highley                          | 464 / 208 | 17.17  |
| 14 | 19-22   | John Sheldon Condit                     | 309 / 312 | 24.25  |
| 15 | 19-5    | Gregg Weis                              | 297 / 608 | 6.50   |
| 16 | 16-75   | Gregg John Weis                         | 317 / 157 | 7.50   |
| 17 | 19-54   | Susan J. Fair                           | 378 / 97  | 59.75  |
| 18 | 16-59.1 | Mark Goldstein                          | 435 / 308 | 25.00  |
| 19 | 16-73   | Gregg Weis                              | 294 / 477 | 5.00   |
| 20 | 16-53   | Edward D. & Heather M. Stewart          | 390 / 10  | 32.60  |
| 21 | 16-74   | Mark I. Goldstein                       | 431 / 532 | 6.00   |
| 22 | 16-52   | RBMA, LLC                               | 431 / 526 | 43.25  |
| 23 | 16-44   | Kenneth E. Stewart Keystone Trust       | 424 / 821 | 46.30  |
| 24 | 16-37   | Garrett S. Estate                       | 316 / 248 | 61.00  |
| 25 | 16-36   | Kenneth E. Stewart Keystone Trust       | 424 / 821 | 53.00  |
| 26 | 16-29   | Kenneth E. Stewart Keystone Trust       | 424 / 821 | 53.50  |
| 27 | 16-20   | Bonita Andrich, et al                   | W70 / 243 | 79.03  |
| 28 | 16-8    | Wilber B. Dawson & Loretta P. Ueltschey | 408 / 192 | 75.75  |
| 29 | 16-19   | Eugene D., Jr. & Diane Mason            | 405 / 291 | 64.70  |
| 30 | 16-18   | Cathy A. & Ernest E. Stewart            | 355 / 280 | 28.50  |
| 31 | 16-7    | Wilbur B. Dawson & Loretta P. Ueltschey | 408 / 192 | 54.50  |
| 32 | 16-2    | Wilbur B. Dawson & Loretta P. Ueltschey | 408 / 192 | 44.50  |
| 33 | 12-53   | Robert E. Midcap                        | 399 / 40  | 57.00  |
| 34 | 12-54   | Jerri L. & Donald H. Satterfield, Jr.   | 399 / 108 | 54.72  |
| 35 | 12-45   | Roger Dale Midcap                       | 399 / 37  | 46.00  |
| 36 | 12-48   | John W. & Rosalie M. Ueltschey          | 362 / 403 | 47.87  |
| 37 | 12-47   | Linda K. Ice                            | 447 / 793 | 26.25  |
| 38 | 12-39   | Martin E. Rodgers                       | 421 / 621 | 60.00  |
| 39 | 12-38   | Roger D. & Tina S. Midcap               | 342 / 74  | 37.00  |
| 40 | 12-24   | Jerome E. Staley                        | 242 / 72  | 10.00  |
| 41 | 12-25   | Jerome E. Staley                        | 242 / 72  | 15.00  |
| 42 | 12-26   | Martin E. Rodgers                       | 419 / 493 | 50.40  |
| 43 | 12-26.1 | Phillip Wiley                           | 361 / 471 | 8.25   |
| 44 | 12-17   | Charmaine A. & Heath C. Starkweather    | 427 / 930 | 69.00  |
| 45 | 7-50    | Bradley W. & Kimberly Ueltschey         | 342 / 710 | 79.78  |
| 46 | 12-1    | Bradley W. Ueltschey                    | 476 / 310 | 78.13  |
| 47 | 7-38    | Marikay G. Corliss                      | 447 / 763 | 144.00 |

| Leases |   |
|--------|---|
| A      | Shiben Estates, Inc.                          |
| B      | Randy Bradley                                 |
| C      | Shiben Estates, Inc.                          |
| D      | Richard R. & Mary J. Scyoc                    |
| E      | Shiben Estates, Inc.                          |
| F      | Shiben Estates, Inc.                          |
| G      | Allen Vincent Wilcox                          |
| H      | Richard R. & Mary J. Scyoc                    |
| I      | Antero Minerals, LLC                          |
| J      | Susan J. Fair                                 |
| K      | Chesapeake Appalachia, LLC                    |
| L      | Dale L. Fox                                   |
| M      | Joyce E. Henry                                |
| N      | Antero Minerals, LLC                          |
| O      | Edward D. & Heather M. Stewart                |
| P      | RBMA, LLC                                     |
| Q      | Thomas W. Lins                                |
| R      | Harry I. Elson                                |
| S      | Kenneth Stewart Keystone Trust                |
| T      | Kenneth Stewart Keystone Trust                |
| U      | Gladys E. Conley Trust                        |
| V      | Ernest & Cathy Stewart 2019 Irrevocable Trust |
| W      | Chesapeake Appalachia, LLC                    |
| X      | Ernest & Cathy Stewart 2019 Irrevocable Trust |
| Y      | Shiben Estates, Inc.                          |
| Z      | Chesapeake Appalachia, LLC                    |
| AA     | Robert E. & Michaelmary Midcap                |
| AB     | Five Star Resources                           |
| AC     | Barbara Anne Amos King                        |
| AD     | Ridgetop Royalties, LLC                       |
| AE     | Linda Ice Long                                |
| AF     | Paul H. Abel                                  |
| AG     | Chesapeake Appalachia, LLC                    |
| AH     | Dennis B. Moore                               |
| AI     | Jerome E. Staley                              |
| AJ     | Ridgetop Royalties, LLC                       |
| AK     | Phillip W. Wiley                              |
| AL     | Charmaine A. Starkweather, et vir             |
| AM     | Stone Hill Minerals Holdings, LLC             |
| AN     | Bradley W. Ueltschey, et ux                   |

FILE NO: 109-34-G-18  
 DRAWING NO: Baldy 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

DATE: February 22 20 23  
 OPERATOR'S WELL NO. Baldy Unit 1H  
 API WELL NO  
 47 - 103 - 03478  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,206' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls 17; 41.75; 39; 42;  
 DISTRICT: Green Margaret Charmaine A. Starkweather, et vir; Paul H. Abel; COUNTY: Wetzel 76.46875; 37; 53;  
 SURFACE OWNER: Lancaster Gladys E. Conley Trust; Robert E. & Michaelmary Midcap; Five Star Resources; 43.5; 119.03125; 87; 6;  
 ROYALTY OWNER: Shiben Estates Inc. (3); Chesapeake Appalachia, LLC (3); Kenneth Stewart Keystone Trust (2); Edward D. & Heather M. Stewart; Susan J. Fair; Dale L. Fox; Thomas W. Lins; Linda Ice Long; ACREAGE: 39.00 34.17; 38; 32.56; 26;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 46.5; 119.03125; 57;  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,744' MD 6,888' 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. Baldy 1H**  
**As-Drilled**  
 Antero Resources Corporation

Page 1 of 2

9,483' to Bottom Hole

3,387' to Top Hole

TOP HOLE LATITUDE 39 - 32 - 30  
 BTM HOLE LATITUDE 39 - 35 - 00



MATCH LINE  
 Page 2

**Notes**  
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 of 1927, North Zone  
 based upon Differential GPS Measurements.  
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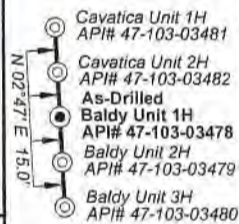
|    | Bearing    | Dist.    |
|----|------------|----------|
| L1 | S 40°31' E | 1,973.1' |
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*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167

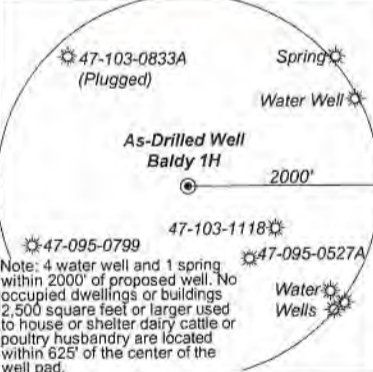


**Wellhead Layout (NTS)**



**Legend**

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



Note: 4 water well and 1 spring 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.

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 DRAWING NO: Baldy 1H As-Drilled  
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 PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

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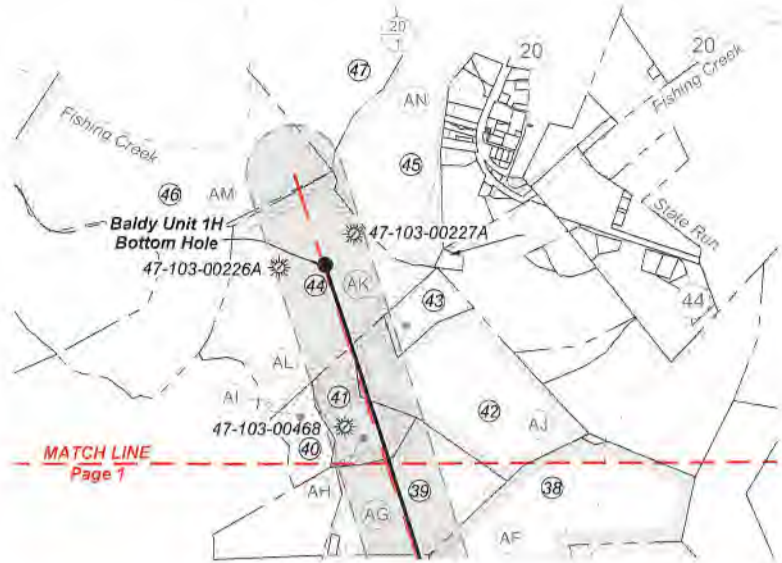
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 ROYALTY OWNER: Shiben Estates Inc. (3); Chesapeake Appalachia, LLC (3); Kenneth Stewart Keystone Trust (2); LEASE NO: ACREAGE: 60; 57.1; 26.5; 15; 69

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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

08/11/2023

LONGITUDE 80 - 45 - 00  
 2,916' to Bottom Hole  
 5,704' to Top Hole



| ID | TM-Par  | Owner                                   | Bk/Pg     | Acres  |
|----|---------|---|-----------|--------|
| 1  | 19-31   | Margaret Lancaster                      | 333 / 440 | 39.00  |
| 2  | 12-27   | Crystal A. Muzzy (Tyler Co.)            | W69 / 226 | 60.91  |
| 3  | -       | Garrett Cemetery                        | 85 / 62   | 1.80   |
| 4  | 12-25   | Cecil & Margaret Lancaster              | 170 / 48  | 78.17  |
| 5  | 19-52   | Joshua Highley                          | 464 / 208 | 8.01   |
| 6  | 19-30   | Richard R. & Mary J. Scyoc              | 452 / 177 | 13.00  |
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| 9  | 19-15   | Joshua Highley                          | 464 / 208 | 17.00  |
| 10 | 19-16   | Richard R. & Mary J. Scyoc              | 443 / 336 | 73.96  |
| 11 | 19-13   | Joshua Highley                          | 464 / 208 | 5.00   |
| 12 | 19-14   | Joshua Highley                          | 419 / 822 | 6.00   |
| 13 | 19-12   | Joshua Highley                          | 464 / 208 | 17.17  |
| 14 | 19-22   | John Sheldon Condit                     | 309 / 312 | 24.25  |
| 15 | 19-5    | Gregg Weis                              | 297 / 608 | 6.50   |
| 16 | 16-75   | Gregg John Weis                         | 317 / 157 | 7.50   |
| 17 | 19-54   | Susan J. Fair                           | 378 / 97  | 59.75  |
| 18 | 16-59.1 | Mark Goldstein                          | 435 / 308 | 25.00  |
| 19 | 16-73   | Gregg Weis                              | 294 / 477 | 5.00   |
| 20 | 16-53   | Edward D. & Heather M. Stewart          | 390 / 10  | 32.60  |
| 21 | 16-74   | Mark I. Goldstein                       | 431 / 532 | 6.00   |
| 22 | 16-52   | RBMA, LLC                               | 431 / 526 | 43.25  |
| 23 | 16-44   | Kenneth E. Stewart Keystone Trust       | 424 / 821 | 46.30  |
| 24 | 16-37   | Garrett S. Estate                       | 316 / 248 | 61.00  |
| 25 | 16-36   | Kenneth E. Stewart Keystone Trust       | 424 / 821 | 53.00  |
| 26 | 16-29   | Kenneth E. Stewart Keystone Trust       | 424 / 821 | 53.50  |
| 27 | 16-20   | Bonita Andrich, et al                   | W70 / 243 | 79.03  |
| 28 | 16-8    | Wilbur B. Dawson & Loretta P. Ueltschey | 408 / 192 | 75.75  |
| 29 | 16-19   | Eugene D., Jr. & Diane Mason            | 405 / 291 | 64.70  |
| 30 | 16-18   | Cathy A. & Ernest E. Stewart            | 355 / 280 | 28.50  |
| 31 | 16-7    | Wilbur B. Dawson & Loretta P. Ueltschey | 408 / 192 | 54.50  |
| 32 | 16-2    | Wilbur B. Dawson & Loretta P. Ueltschey | 408 / 192 | 44.50  |
| 33 | 12-53   | Robert E. Midcap                        | 399 / 40  | 57.00  |
| 34 | 12-54   | Jerri L. & Donald H. Satterfield, Jr.   | 399 / 108 | 54.72  |
| 35 | 12-45   | Roger Dale Midcap                       | 399 / 37  | 46.00  |
| 36 | 12-48   | John W. & Rosalie M. Ueltschey          | 362 / 403 | 47.87  |
| 37 | 12-47   | Linda K. Ice                            | 447 / 793 | 26.25  |
| 38 | 12-39   | Martin E. Rodgers                       | 421 / 621 | 60.00  |
| 39 | 12-38   | Roger D. & Tina S. Midcap               | 342 / 74  | 37.00  |
| 40 | 12-24   | Jerome E. Staley                        | 242 / 72  | 10.00  |
| 41 | 12-25   | Jerome E. Staley                        | 242 / 72  | 15.00  |
| 42 | 12-26   | Martin E. Rodgers                       | 419 / 493 | 50.40  |
| 43 | 12-26.1 | Phillip Wiley                           | 361 / 471 | 8.25   |
| 44 | 12-17   | Charmaine A. & Heath C. Starkweather    | 427 / 930 | 69.00  |
| 45 | 7-50    | Bradley W. & Kimberly Ueltschey         | 342 / 710 | 79.78  |
| 46 | 12-1    | Bradley W. Ueltschey                    | 476 / 310 | 78.13  |
| 47 | 7-38    | Marikay G. Corliss                      | 447 / 763 | 144.00 |

| Leases |   |
|--------|---|
| A      | Shiben Estates, Inc.                          |
| B      | Randy Bradley                                 |
| C      | Shiben Estates, Inc.                          |
| D      | Richard R. & Mary J. Scyoc                    |
| E      | Shiben Estates, Inc.                          |
| F      | Shiben Estates, Inc.                          |
| G      | Allen Vincent Wilcox                          |
| H      | Richard R. & Mary J. Scyoc                    |
| I      | Antero Minerals, LLC                          |
| J      | Susan J. Fair                                 |
| K      | Chesapeake Appalachia, LLC                    |
| L      | Dale L. Fox                                   |
| M      | Joyce E. Henry                                |
| N      | Antero Minerals, LLC                          |
| O      | Edward D. & Heather M. Stewart                |
| P      | RBMA, LLC                                     |
| Q      | Thomas W. Lins                                |
| R      | Harry J. Elson                                |
| S      | Kenneth Stewart Keystone Trust                |
| T      | Kenneth Stewart Keystone Trust                |
| U      | Gladys E. Conley Trust                        |
| V      | Ernest & Cathy Stewart 2019 Irrevocable Trust |
| W      | Chesapeake Appalachia, LLC                    |
| X      | Ernest & Cathy Stewart 2019 Irrevocable Trust |
| Y      | Shiben Estates, Inc.                          |
| Z      | Chesapeake Appalachia, LLC                    |
| AA     | Robert E. & Michaelmary Midcap                |
| AB     | Five Star Resources                           |
| AC     | Barbara Anne Amos King                        |
| AD     | Ridgetop Royalties, LLC                       |
| AE     | Linda Ice Long                                |
| AF     | Paul H. Abel                                  |
| AG     | Chesapeake Appalachia, LLC                    |
| AH     | Dennis B. Moore                               |
| AI     | Jerome E. Staley                              |
| AJ     | Ridgetop Royalties, LLC                       |
| AK     | Phillip W. Wiley                              |
| AL     | Charmaine A. Starkweather, et vir             |
| AM     | Stone Hill Minerals Holdings, LLC             |
| AN     | Bradley W. Ueltschey, et ux                   |

FILE NO: 109-34-G-18

DRAWING NO: Baldy 1H As-Drilled

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:  
Submeter

PROVEN SOURCE OF ELEVATION:  
CORS, Monroe County, OH

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

DATE: February 22 2023

OPERATOR'S WELL NO. Baldy Unit 1H

API WELL NO

47 - 103 - 03478  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,206' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls 17: 41.75; 39; 42;

DISTRICT: Green Margaret Charmaine A. Starkweather, et vir; Paul H. Abel; COUNTY: Wayne 08/11/2023 75; 46.75; 37; 53;

SURFACE OWNER: Lancaster Gladys E. Conley Trust; Robert E. & Michaelmary Midcap; Five Star Resources; ACREAGE: 39.00 34.17; 38; 32.56; 26;

ROYALTY OWNER: Shiben Estates Inc. (3); Chesapeake Appalachia, LLC (3); Kenneth Stewart Keystone Trust (2); LEASE NO: ACREAGE: 60; 57.1; 26.5; 15; 69

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,888' TVD

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,744' MD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Kevin Ellis

ADDRESS: 1615 Wynkoop Street  
 Denver, CO 80202

ADDRESS: 535 White Oaks Blvd.  
 Bridgeport, WV 26330



**Exhibit 1**

| Stage No. | Perforation Date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formations |
|-----------|------------------|------------------------|----------------------|------------------------|------------|
| 1         | 08/18/2022       | 25606.4                | 25563.6              | 60                     | Marcellus  |
| 2         | 08/18/2022       | 25524.7                | 25358.1              | 60                     | Marcellus  |
| 3         | 08/19/2022       | 25322.3                | 25155.7              | 60                     | Marcellus  |
| 4         | 08/19/2022       | 25120.0                | 24953.4              | 60                     | Marcellus  |
| 5         | 08/19/2022       | 24917.6                | 24751.0              | 60                     | Marcellus  |
| 6         | 08/20/2022       | 24715.3                | 24548.7              | 60                     | Marcellus  |
| 7         | 08/20/2022       | 24513.0                | 24346.3              | 60                     | Marcellus  |
| 8         | 08/20/2022       | 24310.6                | 24144.0              | 60                     | Marcellus  |
| 9         | 08/20/2022       | 24108.3                | 23941.6              | 60                     | Marcellus  |
| 10        | 08/21/2022       | 23905.9                | 23739.3              | 60                     | Marcellus  |
| 11        | 08/21/2022       | 23703.6                | 23536.9              | 60                     | Marcellus  |
| 12        | 08/22/2022       | 23501.2                | 23334.6              | 60                     | Marcellus  |
| 13        | 08/22/2022       | 23298.9                | 23132.3              | 60                     | Marcellus  |
| 14        | 08/22/2022       | 23096.5                | 22929.9              | 60                     | Marcellus  |
| 15        | 08/22/2022       | 22894.2                | 22727.6              | 60                     | Marcellus  |
| 16        | 08/23/2022       | 22691.8                | 22525.2              | 60                     | Marcellus  |
| 17        | 08/23/2022       | 22489.5                | 22322.9              | 60                     | Marcellus  |
| 18        | 08/23/2022       | 22287.2                | 22120.5              | 60                     | Marcellus  |
| 19        | 08/24/2022       | 22084.8                | 21918.2              | 60                     | Marcellus  |
| 20        | 08/24/2022       | 21882.5                | 21715.8              | 60                     | Marcellus  |
| 21        | 08/24/2022       | 21680.1                | 21513.5              | 60                     | Marcellus  |
| 22        | 08/24/2022       | 21477.8                | 21311.2              | 60                     | Marcellus  |
| 23        | 08/25/2022       | 21275.4                | 21108.8              | 60                     | Marcellus  |
| 24        | 08/25/2022       | 21073.1                | 20906.5              | 60                     | Marcellus  |
| 25        | 08/25/2022       | 20870.7                | 20704.1              | 60                     | Marcellus  |
| 26        | 08/25/2022       | 20668.4                | 20501.8              | 60                     | Marcellus  |
| 27        | 08/26/2022       | 20466.0                | 20299.4              | 60                     | Marcellus  |
| 28        | 08/26/2022       | 20263.7                | 20097.1              | 60                     | Marcellus  |
| 29        | 08/26/2022       | 20061.4                | 19894.7              | 60                     | Marcellus  |
| 30        | 08/26/2022       | 19859.0                | 19692.4              | 60                     | Marcellus  |
| 31        | 08/27/2022       | 19656.7                | 19490.0              | 60                     | Marcellus  |
| 32        | 08/27/2022       | 19454.3                | 19287.7              | 60                     | Marcellus  |
| 33        | 08/27/2022       | 19252.0                | 19085.4              | 60                     | Marcellus  |
| 34        | 08/27/2022       | 19049.6                | 18883.0              | 60                     | Marcellus  |
| 35        | 08/28/2022       | 18847.3                | 18680.7              | 60                     | Marcellus  |
| 36        | 08/28/2022       | 18644.9                | 18478.3              | 60                     | Marcellus  |
| 37        | 08/28/2022       | 18442.6                | 18276.0              | 60                     | Marcellus  |
| 38        | 08/29/2022       | 18240.3                | 18073.6              | 60                     | Marcellus  |
| 39        | 08/29/2022       | 18037.9                | 17871.3              | 60                     | Marcellus  |
| 40        | 08/29/2022       | 17835.6                | 17668.9              | 60                     | Marcellus  |
| 41        | 08/29/2022       | 17633.2                | 17466.6              | 60                     | Marcellus  |
| 42        | 08/30/2022       | 17430.9                | 17264.3              | 60                     | Marcellus  |
| 43        | 08/30/2022       | 17228.5                | 17061.9              | 60                     | Marcellus  |
| 44        | 08/31/2022       | 17026.2                | 16859.6              | 60                     | Marcellus  |
| 45        | 08/31/2022       | 16823.8                | 16657.2              | 60                     | Marcellus  |
| 46        | 08/31/2022       | 16621.5                | 16454.9              | 60                     | Marcellus  |
| 47        | 09/01/2022       | 16419.1                | 16252.5              | 60                     | Marcellus  |
| 48        | 09/02/2022       | 16216.8                | 16050.2              | 60                     | Marcellus  |
| 49        | 09/02/2022       | 16014.5                | 15847.8              | 60                     | Marcellus  |
| 50        | 09/03/2022       | 15812.1                | 15645.5              | 60                     | Marcellus  |
| 51        | 09/04/2022       | 15609.8                | 15443.1              | 60                     | Marcellus  |
| 52        | 09/04/2022       | 15407.4                | 15240.8              | 60                     | Marcellus  |
| 53        | 09/04/2022       | 15205.1                | 15038.5              | 60                     | Marcellus  |
| 54        | 09/04/2022       | 15002.7                | 14836.1              | 60                     | Marcellus  |
| 55        | 09/05/2022       | 14800.4                | 14633.8              | 60                     | Marcellus  |
| 56        | 09/05/2022       | 14598.0                | 14431.4              | 60                     | Marcellus  |
| 57        | 09/05/2022       | 14395.7                | 14229.1              | 60                     | Marcellus  |
| 58        | 09/06/2022       | 14193.4                | 14026.7              | 60                     | Marcellus  |
| 59        | 09/06/2022       | 13991.0                | 13824.4              | 60                     | Marcellus  |
| 60        | 09/06/2022       | 13788.7                | 13622.0              | 60                     | Marcellus  |
| 61        | 09/06/2022       | 13586.3                | 13419.7              | 60                     | Marcellus  |
| 62        | 09/06/2022       | 13384.0                | 13217.4              | 60                     | Marcellus  |
| 63        | 09/07/2022       | 13181.6                | 13015.0              | 60                     | Marcellus  |
| 64        | 09/07/2022       | 12979.3                | 12812.7              | 60                     | Marcellus  |
| 65        | 09/07/2022       | 12776.9                | 12610.3              | 60                     | Marcellus  |
| 66        | 09/07/2022       | 12574.6                | 12408.0              | 60                     | Marcellus  |
| 67        | 09/07/2022       | 12372.2                | 12205.6              | 60                     | Marcellus  |
| 68        | 09/07/2022       | 12169.9                | 12003.3              | 60                     | Marcellus  |
| 69        | 09/08/2022       | 11967.6                | 11800.9              | 60                     | Marcellus  |
| 70        | 09/08/2022       | 11765.2                | 11598.6              | 60                     | Marcellus  |
| 71        | 09/08/2022       | 11562.9                | 11396.2              | 60                     | Marcellus  |
| 72        | 09/08/2022       | 11360.5                | 11193.9              | 60                     | Marcellus  |
| 73        | 09/08/2022       | 11158.2                | 10991.6              | 60                     | Marcellus  |
| 74        | 09/09/2022       | 10955.8                | 10789.2              | 60                     | Marcellus  |
| 75        | 09/09/2022       | 10753.5                | 10586.9              | 60                     | Marcellus  |
| 76        | 09/09/2022       | 10551.1                | 10384.5              | 60                     | Marcellus  |
| 77        | 09/10/2022       | 10348.8                | 10182.2              | 60                     | Marcellus  |
| 78        | 09/10/2022       | 10146.5                | 9979.8               | 60                     | Marcellus  |
| 79        | 09/10/2022       | 9944.1                 | 9777.5               | 60                     | Marcellus  |
| 80        | 09/10/2022       | 9741.8                 | 9575.1               | 60                     | Marcellus  |
| 81        | 09/10/2022       | 9539.4                 | 9372.8               | 60                     | Marcellus  |
| 82        | 09/10/2022       | 9337.1                 | 9170.5               | 60                     | Marcellus  |
| 83        | 09/11/2022       | 9134.7                 | 8968.1               | 60                     | Marcellus  |
| 84        | 09/11/2022       | 8932.4                 | 8765.8               | 60                     | Marcellus  |
| 85        | 09/11/2022       | 8730.0                 | 8563.4               | 60                     | Marcellus  |
| 86        | 09/11/2022       | 8527.7                 | 8361.1               | 60                     | Marcellus  |
| 87        | 09/11/2022       | 8325.3                 | 8158.7               | 60                     | Marcellus  |
| 88        | 09/11/2022       | 8123.0                 | 7956.4               | 60                     | Marcellus  |
| 89        | 09/12/2022       | 7920.7                 | 7754.0               | 60                     | Marcellus  |
| 90        | 09/12/2022       | 7718.3                 | 7551.7               | 60                     | Marcellus  |
| 91        | 09/12/2022       | 7516.0                 | 7349.3               | 60                     | Marcellus  |
| 92        | 09/12/2022       | 7313.6                 | 7147.0               | 60                     | Marcellus  |

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WV Department of  
Environmental Protection


08/11/2023 

EXHIBIT 2

| Stage No. | Stimulations Date | Avg Pump Rate | Avg Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | (SIP) (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/ other (units) |
|-----------|-------------------|---------------|------------------------------|------------------------------|-------------|--------------------------|------------------------|-----------------------------------|
| 1         | 08/18/2022        | 67.0          | 9933                         | 7741                         | 4138        | 176540                   | 242796                 | N/A                               |
| 2         | 08/18/2022        | 81.3          | 10218                        | 6626                         | 4121        | 401620                   | 326437                 | N/A                               |
| 3         | 08/19/2022        | 81.1          | 10272                        | 5289                         | 4513        | 411927                   | 349263                 | N/A                               |
| 4         | 08/19/2022        | 82.8          | 10091                        | 5787                         | 4799        | 405844                   | 330708                 | N/A                               |
| 5         | 08/19/2022        | 90.9          | 10247                        | 5182                         | 4591        | 400469                   | 328397                 | N/A                               |
| 6         | 08/20/2022        | 91.6          | 10071                        | 4862                         | 4653        | 404885                   | 319243                 | N/A                               |
| 7         | 08/20/2022        | 88.4          | 10037                        | 5500                         | 4717        | 416623                   | 327848                 | N/A                               |
| 8         | 08/20/2022        | 85.5          | 9637                         | 5397                         | 5006        | 409733                   | 310469                 | N/A                               |
| 9         | 08/20/2022        | 88.8          | 10067                        | 5274                         | 4532        | 405354                   | 316003                 | N/A                               |
| 10        | 08/21/2022        | 82.9          | 9295                         | 5547                         | 4746        | 415755                   | 315082                 | N/A                               |
| 11        | 08/21/2022        | 92.5          | 9597                         | 5121                         | 5182        | 410480                   | 310510                 | N/A                               |
| 12        | 08/22/2022        | 87.6          | 9751                         | 5212                         | 4664        | 399800                   | 481056                 | N/A                               |
| 13        | 08/22/2022        | 85.4          | 9565                         | 4323                         | 4824        | 412860                   | 320136                 | N/A                               |
| 14        | 08/22/2022        | 88.0          | 10320                        | 5080                         | 4112        | 397400                   | 308639                 | N/A                               |
| 15        | 08/22/2022        | 88.1          | 10145                        | 5028                         | 4460        | 398120                   | 307099                 | N/A                               |
| 16        | 08/23/2022        | 91.4          | 10027                        | 4358                         | 4546        | 415460                   | 420125                 | N/A                               |
| 17        | 08/23/2022        | 85.7          | 9633                         | 5195                         | 4810        | 399490                   | 295168                 | N/A                               |
| 18        | 08/23/2022        | 92.7          | 10037                        | 6131                         | 4213        | 417709                   | 324964                 | N/A                               |
| 19        | 08/24/2022        | 89.1          | 10149                        | 9168                         | 4045        | 415820                   | 294555                 | N/A                               |
| 20        | 08/24/2022        | 85.5          | 9881                         | 5002                         | 4769        | 419900                   | 302952                 | N/A                               |
| 21        | 08/24/2022        | 86.5          | 10011                        | 6304                         | 4985        | 416310                   | 289461                 | N/A                               |
| 22        | 08/24/2022        | 90.1          | 10354                        | 9104                         | 4040        | 417160                   | 297034                 | N/A                               |
| 23        | 08/25/2022        | 88.8          | 10189                        | 8208                         | 4692        | 413790                   | 300578                 | N/A                               |
| 24        | 08/25/2022        | 91.1          | 10030                        | 6372                         | 3629        | 401135                   | 294087                 | N/A                               |
| 25        | 08/25/2022        | 93.0          | 10060                        | 6323                         | 4309        | 401550                   | 291744                 | N/A                               |
| 26        | 08/25/2022        | 90.7          | 10297                        | 9259                         | 4308        | 420430                   | 297139                 | N/A                               |
| 27        | 08/26/2022        | 95.1          | 10141                        | 8915                         | 4095        | 415633                   | 299188                 | N/A                               |
| 28        | 08/26/2022        | 93.9          | 9725                         | 5774                         | 4116        | 400858                   | 291677                 | N/A                               |
| 29        | 08/26/2022        | 92.5          | 9792                         | 6101                         | 4095        | 402944                   | 293006                 | N/A                               |
| 30        | 08/26/2022        | 93.8          | 9767                         | 10056                        | 4337        | 398625                   | 289865                 | N/A                               |
| 31        | 08/27/2022        | 89.1          | 9655                         | 10189                        | 4541        | 398397                   | 324198                 | N/A                               |
| 32        | 08/27/2022        | 90.4          | 10015                        | 4994                         | 4257        | 400637                   | 291995                 | N/A                               |
| 33        | 08/27/2022        | 82.1          | 9566                         | 6390                         | 3840        | 404581                   | 290363                 | N/A                               |
| 34        | 08/27/2022        | 91.8          | 10079                        | 10274                        | 3878        | 399805                   | 304747                 | N/A                               |
| 35        | 08/28/2022        | 91.9          | 10156                        | 9725                         | 3988        | 407584                   | 305115                 | N/A                               |
| 36        | 08/28/2022        | 92.2          | 9799                         | 6492                         | 5097        | 415400                   | 307904                 | N/A                               |
| 37        | 08/28/2022        | 88.7          | 9638                         | 6188                         | 4182        | 417060                   | 304255                 | N/A                               |
| 38        | 08/29/2022        | 88.8          | 9775                         | 10775                        | 4348        | 407617                   | 300457                 | N/A                               |
| 39        | 08/29/2022        | 90.1          | 9745                         | 10387                        | 4235        | 408749                   | 288834                 | N/A                               |
| 40        | 08/29/2022        | 95.8          | 9831                         | 4996                         | 4976        | 413440                   | 290624                 | N/A                               |
| 41        | 08/29/2022        | 95.8          | 9648                         | 6243                         | 4789        | 406122                   | 295547                 | N/A                               |
| 42        | 08/30/2022        | 94.1          | 9180                         | 5399                         | 5089        | 399366                   | 298059                 | N/A                               |
| 43        | 08/30/2022        | 95.5          | 9056                         | 5814                         | 4638        | 402892                   | 284631                 | N/A                               |
| 44        | 08/31/2022        | 96.8          | 9573                         | 6571                         | 4237        | 402397                   | 287671                 | N/A                               |
| 45        | 08/31/2022        | 96.5          | 9348                         | 5613                         | 4995        | 403677                   | 288249                 | N/A                               |
| 46        | 08/31/2022        | 93.8          | 9003                         | 5355                         | 4520        | 409422                   | 285790                 | N/A                               |
| 47        | 09/01/2022        | 95.5          | 9342                         | 6337                         | 4478        | 412747                   | 286726                 | N/A                               |
| 48        | 09/02/2022        | 78.7          | 9559                         | 5162                         | 4227        | 405506                   | 393733                 | N/A                               |
| 49        | 09/02/2022        | 92.4          | 9235                         | 5625                         | 4052        | 403244                   | 330937                 | N/A                               |
| 50        | 09/03/2022        | 91.8          | 9562                         | 5880                         | 4552        | 407416                   | 286488                 | N/A                               |
| 51        | 09/04/2022        | 94.1          | 9149                         | 5974                         | 4270        | 405932                   | 281425                 | N/A                               |
| 52        | 09/04/2022        | 96.0          | 9272                         | 5371                         | 4943        | 406961                   | 281735                 | N/A                               |
| 53        | 09/04/2022        | 96.3          | 9376                         | 5639                         | 5044        | 402428                   | 278357                 | N/A                               |
| 54        | 09/04/2022        | 95.6          | 9156                         | 5256                         | 3969        | 403615                   | 283087                 | N/A                               |
| 55        | 09/05/2022        | 94.8          | 9000                         | 5246                         | 4971        | 411000                   | 280138                 | N/A                               |
| 56        | 09/05/2022        | 94.5          | 8920                         | 5392                         | 5117        | 409899                   | 282251                 | N/A                               |
| 57        | 09/05/2022        | 65.8          | 6607                         | 5510                         | 5071        | 403146                   | 321957                 | N/A                               |
| 58        | 09/06/2022        | 85.5          | 9593                         | 6064                         | 4421        | 402298                   | 276894                 | N/A                               |
| 59        | 09/06/2022        | 96.0          | 9786                         | 6353                         | 3852        | 415090                   | 283156                 | N/A                               |
| 60        | 09/06/2022        | 93.8          | 10062                        | 6652                         | 4004        | 410910                   | 290162                 | N/A                               |
| 61        | 09/06/2022        | 97.2          | 9924                         | 5967                         | 4143        | 401530                   | 271936                 | N/A                               |
| 62        | 09/06/2022        | 93.6          | 9221                         | 6768                         | 3716        | 416220                   | 277303                 | N/A                               |
| 63        | 09/07/2022        | 92.0          | 9136                         | 6174                         | 3961        | 412700                   | 285131                 | N/A                               |
| 64        | 09/07/2022        | 74.2          | 8797                         | 6946                         | 4339        | 416480                   | 287945                 | N/A                               |
| 65        | 09/07/2022        | 89.2          | 8805                         | 6397                         | 4737        | 413300                   | 284889                 | N/A                               |
| 66        | 09/07/2022        | 91.2          | 8643                         | 6191                         | 4186        | 409280                   | 284545                 | N/A                               |
| 67        | 09/07/2022        | 93.9          | 8349                         | 5903                         | 4432        | 405023                   | 278022                 | N/A                               |
| 68        | 09/07/2022        | 94.5          | 8303                         | 5984                         | 4373        | 400744                   | 279474                 | N/A                               |
| 69        | 09/08/2022        | 92.4          | 8797                         | 6818                         | 4540        | 406613                   | 295436                 | N/A                               |
| 70        | 09/08/2022        | 96.8          | 8485                         | 6073                         | 4625        | 413067                   | 296556                 | N/A                               |
| 71        | 09/08/2022        | 97.5          | 8658                         | 6257                         | 4435        | 405948                   | 292936                 | N/A                               |
| 72        | 09/08/2022        | 96.7          | 8438                         | 6414                         | 4206        | 399107                   | 266377                 | N/A                               |
| 73        | 09/08/2022        | 96.8          | 8427                         | 6693                         | 4092        | 407772                   | 276595                 | N/A                               |
| 74        | 09/09/2022        | 93.2          | 8324                         | 6410                         | 4196        | 405328                   | 267737                 | N/A                               |
| 75        | 09/09/2022        | 87.8          | 7927                         | 6136                         | 4310        | 403544                   | 286274                 | N/A                               |
| 76        | 09/09/2022        | 95.1          | 8354                         | 6477                         | 4934        | 410854                   | 282007                 | N/A                               |
| 77        | 09/10/2022        | 94.9          | 7797                         | 5951                         | 4860        | 413553                   | 286697                 | N/A                               |
| 78        | 09/10/2022        | 94.5          | 7977                         | 6136                         | 4657        | 416481                   | 284356                 | N/A                               |
| 79        | 09/10/2022        | 96.9          | 8214                         | 5790                         | 5014        | 417671                   | 280050                 | N/A                               |
| 80        | 09/10/2022        | 96.9          | 8032                         | 5828                         | 4631        | 414191                   | 280431                 | N/A                               |
| 81        | 09/10/2022        | 92.3          | 7501                         | 5623                         | 4470        | 417888                   | 282663                 | N/A                               |
| 82        | 09/10/2022        | 90.7          | 7747                         | 6715                         | 5568        | 416217                   | 275552                 | N/A                               |
| 83        | 09/11/2022        | 93.3          | 7783                         | 6069                         | 5673        | 398303                   | 264497                 | N/A                               |
| 84        | 09/11/2022        | 92.1          | 7869                         | 6168                         | 4970        | 412208                   | 284132                 | N/A                               |
| 85        | 09/11/2022        | 96.9          | 7797                         | 5988                         | 4851        | 412866                   | 324590                 | N/A                               |
| 86        | 09/11/2022        | 97.0          | 7568                         | 5856                         | 5026        | 409253                   | 281766                 | N/A                               |
| 87        | 09/11/2022        | 94.7          | 7474                         | 6347                         | 5080        | 404563                   | 290112                 | N/A                               |
| 88        | 09/11/2022        | 93.2          | 7302                         | 6302                         | 4668        | 402679                   | 285993                 | N/A                               |
| 89        | 09/12/2022        | 96.3          | 7440                         | 6220                         | 4327        | 404403                   | 286917                 | N/A                               |
| 90        | 09/12/2022        | 97.6          | 7430                         | 5985                         | 4404        | 411169                   | 294552                 | N/A                               |
| 91        | 09/12/2022        | 98.7          | 7418                         | 5784                         | 4514        | 413623                   | 291548                 | N/A                               |
| 92        | 09/12/2022        | 95.2          | 7124                         | 6202                         | 4552        | 392995                   | 273525                 | N/A                               |
|           | AVG=              | 91.2          | 9164                         | 6393                         | 4512        | 37295175                 | 27460658               | TOTAL                             |

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**EXHIBIT 3**

| LITHOLOGY/ FORMATION               | TOP DEPTH (TVD) | BOTTOM DEPTH (TVD) | TOP DEPTH (MD) | BOTTOM DEPTH (MD) |
|------------------------------------|-----------------|--------------------|----------------|-------------------|
|                                    | From Surface    | From Surface       | From Surface   | From Surface      |
| Sandstone                          | 99              | 194                | 99             | 194               |
| Silty Sandstone, tr shale          | 194             | 424                | 194            | 424               |
| Silty Sandstone, occ shale         | 424             | 724                | 424            | 724               |
| Shaley Sandstone, occ Limestone    | 724             | 874                | 724            | 874               |
| Silty Sandstone, tr shale          | 874             | 924                | 874            | 924               |
| Sandstone, tr Siltstone, tr shale  | 924             | 1,124              | 924            | 1,124             |
| Shaley Siltstone, tr coal          | 1,124           | 1,424              | 1,124          | 1,424             |
| Sandstone                          | 1,424           | 1,524              | 1,424          | 1,524             |
| Silty Sandstone, occ shale         | 1,524           | 1,724              | 1,524          | 1,724             |
| Sandstone, tr Siltstone, tr shale  | 1,724           | 1,874              | 1,724          | 1,874             |
| Sandstone, Tr Shale, Tr Silt       | 1,874           | 1,924              | 1,874          | 1,924             |
| Silty Sandstone, tr shale          | 1,924           | 2,024              | 1,924          | 2,024             |
| Sandy Shale, Tr Coal, Tr Limestone | 2,024           | 2,116              | 2,024          | 2,116             |
| Big Lime                           | 2,142           | 2,916              | 2,116          | 2,916             |
| Fifty Foot Sandstone               | 2,916           | 2,973              | 2,890          | 2,973             |
| Gordon                             | 2,973           | 3,234              | 2,947          | 3,234             |
| Fifth Sandstone                    | 3,234           | 3,298              | 3,208          | 3,299             |
| Bayard                             | 3,298           | 3,972              | 3,273          | 3,972             |
| Speechley                          | 3,972           | 4,106              | 3,946          | 4,106             |
| Balltown                           | 4,106           | 4,572              | 4,080          | 4,572             |
| Bradford                           | 4,572           | 5,112              | 4,546          | 5,112             |
| Benson                             | 5,112           | 5,540              | 5,086          | 5,543             |
| Alexander                          | 5,540           | 6,690              | 5,517          | 6,737             |
| Sycamore                           | 6,542           | 6,664              | 6,566          | 6,711             |
| Middlesex                          | 6,664           | 6,764              | 6,711          | 6,859             |
| Burkett                            | 6,764           | 6,793              | 6,859          | 6,909             |
| Tully                              | 6,793           | 6,861              | 6,909          | 7,099             |
| Marcellus                          | 6,861           | NA                 | 7,099          | 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:                | 8/18/2022                    |
| Job End Date:                  | 9/12/2022                    |
| State:                         | West Virginia                |
| County:                        | Wetzel                       |
| API Number:                    | 47-103-03478-00-00           |
| Operator Name:                 | Antero Resources Corporation |
| Well Name and Number:          | BALDY UNIT 1H                |
| Latitude:                      | 39.52608900                  |
| Longitude:                     | -80.76201000                 |
| Datum:                         | NAD83                        |
| Federal Well:                  | NO                           |
| Indian Well:                   | NO                           |
| True Vertical Depth:           | 6,917                        |
| Total Base Water Volume (gal): | 29,169,488                   |
| Total Base Non Water Volume:   | 0                            |

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## Hydraulic Fracturing Fluid Composition:

| Trade Name     | Supplier     | Purpose      | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments       |
|----------------|--------------|--------------|-------------|--|--|--|----------------|
| Produced Water | Halliburton  | Base Fluid   |             |  |  |  |                |
|                |              |              | Water       | 7732-18-5                                | 100.00000  | 86.71723   | Density = 8.50 |
| Ingredients    | Listed Above | Listed Above |             |  |  |  |                |
|                |              |              | Water       | 7732-18-5                                | 100.00000  | 0.17643  |                |

OA

|                                   |                    |                          |  |              |  |  |  |
|-----------------------------------|--------------------|--------------------------|--|--------------|--|--|--|
| MC B-8614A                        | MultiChem          | Biocide                  |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |
| Sand-Common White-100 Mesh, SSA-2 | Halliburton        | Proppant                 |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |
| Sand-Premium White-30/70          | Halliburton        | Proppant                 |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |
| HAI-501                           | Halliburton        | Acid Corrosion Inhibitor |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |
| HYDROCHLORIC ACID, 22 BAUME       | Halliburton        | Solvent                  |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |
| WG-36 GELLING AGENT               | Halliburton        | Gelling Agent            |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |
| Excelerate LX-15                  | Halliburton        | Friction Reducer         |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |
| FLUID Enviro-Syn HCR-7000-WL      | Fluid Energy Group | Acid Replacement         |  |              |  |  |  |
|                                   |                    |                          |  | Listed Below |  |  |  |

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|  |             |         |  |              |           |          |  |
|--|-------------|---------|--|--------------|-----------|----------|--|
| OPTIFLO-II<br>DELAYED<br>RELEASE<br>BREAKER  | Halliburton | Breaker |  |              |           |          |  |
|  |             |         |  | 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 | 13.04408 |  |
|  |             |         | Hydrochloric acid  | 7647-01-0    | 30.00000  | 0.03937  |  |
|  |             |         | Complex Amine<br>Compound  | Proprietary  | 60.00000  | 0.03691  |  |
|  |             |         | Guar gum   | 9000-30-0    | 100.00000 | 0.03056  |  |
|  |             |         | Hydrotreated light<br>petroleum distillate   | 64742-47-8   | 30.00000  | 0.01845  |  |
|  |             |         | Surfactant   | Proprietary  | 5.00000   | 0.00308  |  |
|  |             |         | Sorbitan, mono-9-<br>octadecenoate, (Z)  | 1338-43-8    | 5.00000   | 0.00308  |  |
|  |             |         | Glutaraldehyde   | 111-30-8     | 30.00000  | 0.00248  |  |
|  |             |         | Proprietary  | Proprietary  | 20.00000  | 0.00120  |  |
|  |             |         | Ammonium persulfate  | 7727-54-0    | 100.00000 | 0.00095  |  |
|  |             |         | Ethoxylated alcohols   | Proprietary  | 5.00000   | 0.00063  |  |
|  |             |         | Alkoxylated polyhydric<br>alcohol  | Proprietary  | 1.00000   | 0.00062  |  |
|  |             |         | Organic chloride<br>compound   | Proprietary  | 1.00000   | 0.00062  |  |
|  |             |         | Proprietary  | Proprietary  | 10.00000  | 0.00060  |  |
|  |             |         | Alkyl (C12-16)<br>dimethylbenzyl<br>ammonium chloride  | 68424-85-1   | 5.00000   | 0.00041  |  |
|  |             |         | Oxylated phenolic resin  | Proprietary  | 30.00000  | 0.00029  |  |
|  |             |         | Methanol   | 67-56-1      | 100.00000 | 0.00023  |  |
|  |             |         | Ethanol  | 64-17-5      | 1.00000   | 0.00008  |  |
|  |             |         | Mixture of dimer and<br>trimer fatty acids of<br>indefinite composition<br>derived from tall oil | 61790-12-3   | 30.00000  | 0.00007  |  |

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|--|--|--|---------------------------|-------------|----------|---------|--|
|  |  |  | Modified thiourea polymer | Proprietary | 30.00000 | 0.00007 |  |
|  |  |  | Hexadecene                | 629-73-2    | 5.00000  | 0.00001 |  |
|  |  |  | Propargyl alcohol         | 107-19-7    | 5.00000  | 0.00001 |  |
|  |  |  | C.I. pigment Orange 5     | 3468-63-1   | 1.00000  | 0.00001 |  |
|  |  |  | Sodium glycolate          | 2836-32-0   | 0.01000  | 0.00001 |  |
|  |  |  | Organic salt #2           | Proprietary | 0.01000  | 0.00001 |  |
|  |  |  | Nitrated acetate salt     | Proprietary | 0.01000  | 0.00001 |  |
|  |  |  | Acrylamide                | 79-06-1     | 0.01000  | 0.00001 |  |
|  |  |  | Sodium hydroxide          | 1310-73-2   | 0.01000  | 0.00001 |  |
|  |  |  | Organic salt #1           | Proprietary | 0.01000  | 0.00001 |  |
|  |  |  | Formaldehyde              | 50-00-0     | 0.01000  | 0.00001 |  |

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

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

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

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

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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