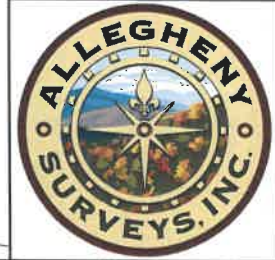


9,175' to Top Hole

2,728' to Bottom Hole

LATITUDE 39 - 27 - 30

BTM LONGITUDE 81 - 00 - 00  
TOP LONGITUDE 80 - 57 - 30



1,811' to Bottom Hole

14,637' to Top Hole

Mills Unit 2H As-Drilled  
POE Coordinates  
West Virginia  
Coordinate System  
of 1927, North Zone  
N: 337,767.44'  
E: 1,578,237.01'  
Latitude: 39°25'03.90"  
Longitude: 80°59'34.54"  
UTM Zone 17, NAD 1983  
N: 4,363,144.927m  
E: 500,623.346m

Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Existing Abandon Well, as noted
- Digitized Well, as noted
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Mills Unit 2H Top Hole coordinates are  
N: 337,902.40' Latitude: 39°25'05.33"  
E: 1,578,837.95' Longitude: 80°59'26.91"  
Bottom Hole coordinates are  
N: 350,815.37' Latitude: 39°27'12.10"  
E: 1,573,727.48' Longitude: 81°00'34.79"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,363,189.105m N: 4,367,097.055m  
E: 500,805.737m E: 499,183.134m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

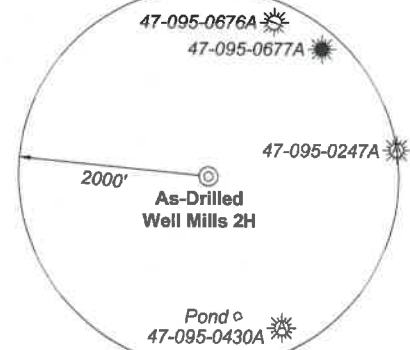
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.



SEAL

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



Note: 0 water wells and a pond 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.

| Tag | Bearing    | Dist.    |
|-----|------------|----------|
| L1  | S 84°28' E | 420.1'   |
| L2  | S 26°43' E | 2,246.5' |
| L3  | N 47°54' W | 2,525.7' |
| L4  | N 02°48' W | 2,157.9' |

FILE NO: 51-54-M-17

DRAWING NO: Mills Unit 2H As-Drilled

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:  
Submeter

PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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

DATE: October 4 20 21

OPERATOR'S WELL NO. Mills Unit 2H

API WELL NO

47 - 095 - 02712  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1045' As-Built

WATERSHED: Outlet Middle Island Creek

Top: Middlebourne  
QUADRANGLE: Btm: Bens Run

DISTRICT: Union / Meade

Dale V. Hadley; Craig E. Smith (2);  
Kenneth & Lora G. Thomas; WVDNR;  
BRC Appalachian Minerals I LLC (2); Jimmy B. Bailey;  
Janet Sue Baker; Elizabeth Gorrell, et al; Black Gold Group;

COUNTY: Tyler 0.35242;  
ACREAGE: 242.50 5; 81; 172.68125;  
100.93125;  
24.18;  
50; 35.13; 16;  
155.5; 16; 20.41;

SURFACE OWNER: Elizabeth Gorrell

ROYALTY OWNER: Kerr-McGee Oil & Gas Onshore LP; Julie Summers (2); Ronald Aston

LEASE NO:

ACREAGE:

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: 20,338' MD

WELL OPERATOR: Antero Resources Corporation

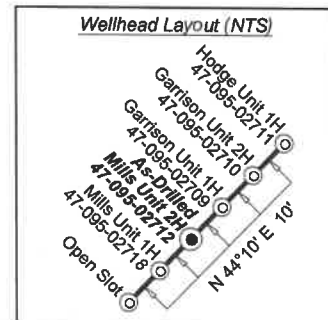
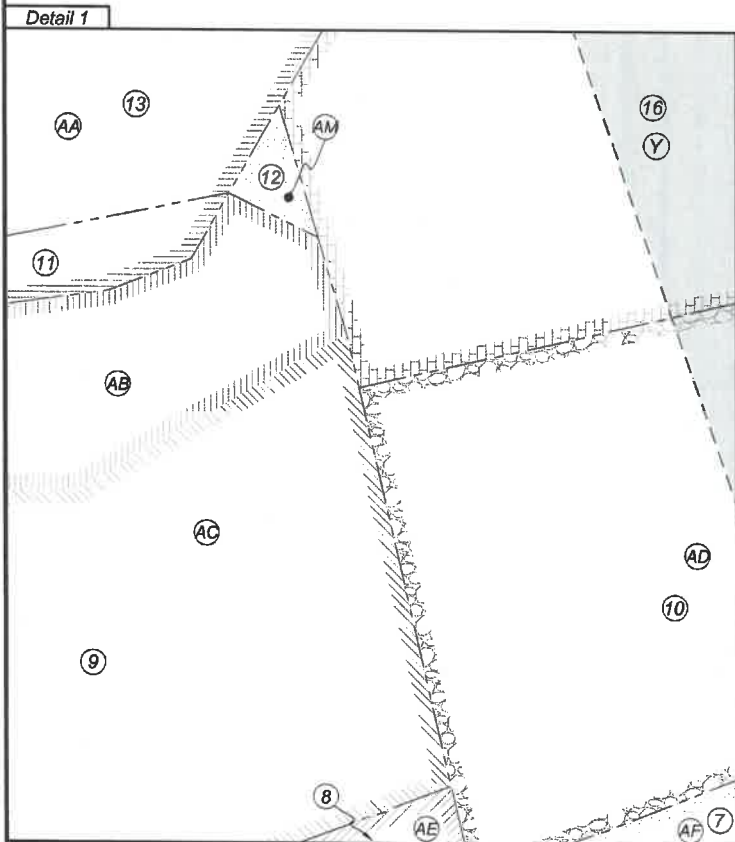
DESIGNATED AGENT: Dianna Stamper - CT Corporation System

ADDRESS: 1615 Wynkoop Street  
Denver CO 80202

ADDRESS: 5400 D Big Tyler Road  
Charleston, WV 25313



| ID | Lease                           |
|----|---------------------------------|
| A  | Jerry M. & Anna A. Cooper       |
| B  | Francis M. Thorn                |
| C  | Kenneth & Lora G. Thomas        |
| D  | Black Gold Group                |
| E  | WVDNR                           |
| F  | BRC Appalachian Minerals I, LLC |
| G  | James & Anita Carr              |
| H  | Gerald W. & Carmen Silliman     |
| I  | Craig E. Smith                  |
| J  | Jay L. & Carla Summers          |
| K  | Julie Summers                   |
| L  | Brian L. Vandruff               |
| M  | Sherry R. Brookover             |
| N  | Antero Resources Corp.          |
| O  | Julie Summers                   |
| P  | Craig E. Smith                  |
| Q  | Mack Percy Gas Wells, LLC       |
| R  | Mack Percy Gas Wells, LLC       |
| S  | J. Bradford Wells               |
| T  | Orville Dale Kemp               |
| U  | Daniel K. Pancake               |
| V  | Ethel Bell Yekel                |
| W  | Charles N. Grachanin            |
| X  | Jimmy B. Bailey                 |
| Y  | Dale V. Hadley                  |
| Z  | John M. Garrison                |
| AA | Fisher Oil Co.                  |
| AB | Randy L. Myers                  |
| AC | Gregory L. & Tammy L. Bever     |
| AD | Ronald Aston                    |
| AE | Richard W. & Elisa L. Barnhart  |
| AF | Kay Lynn & Michael Lee Wells    |
| AG | Harry E. West, Jr., et ux       |
| AH | BRC Appalachian Minerals I, LLC |
| AI | Wilma Jane Benefield            |
| AJ | Kerr-McGee Oil & Gas Onshore LP |
| AK | Janet Sue Baker                 |
| AL | Elizabeth Gorrell, et al        |
| AM | Linda Baker, et al              |



FILE NO: \_\_\_\_\_  
DRAWING NO: Mills Unit 2H As-Drilled  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

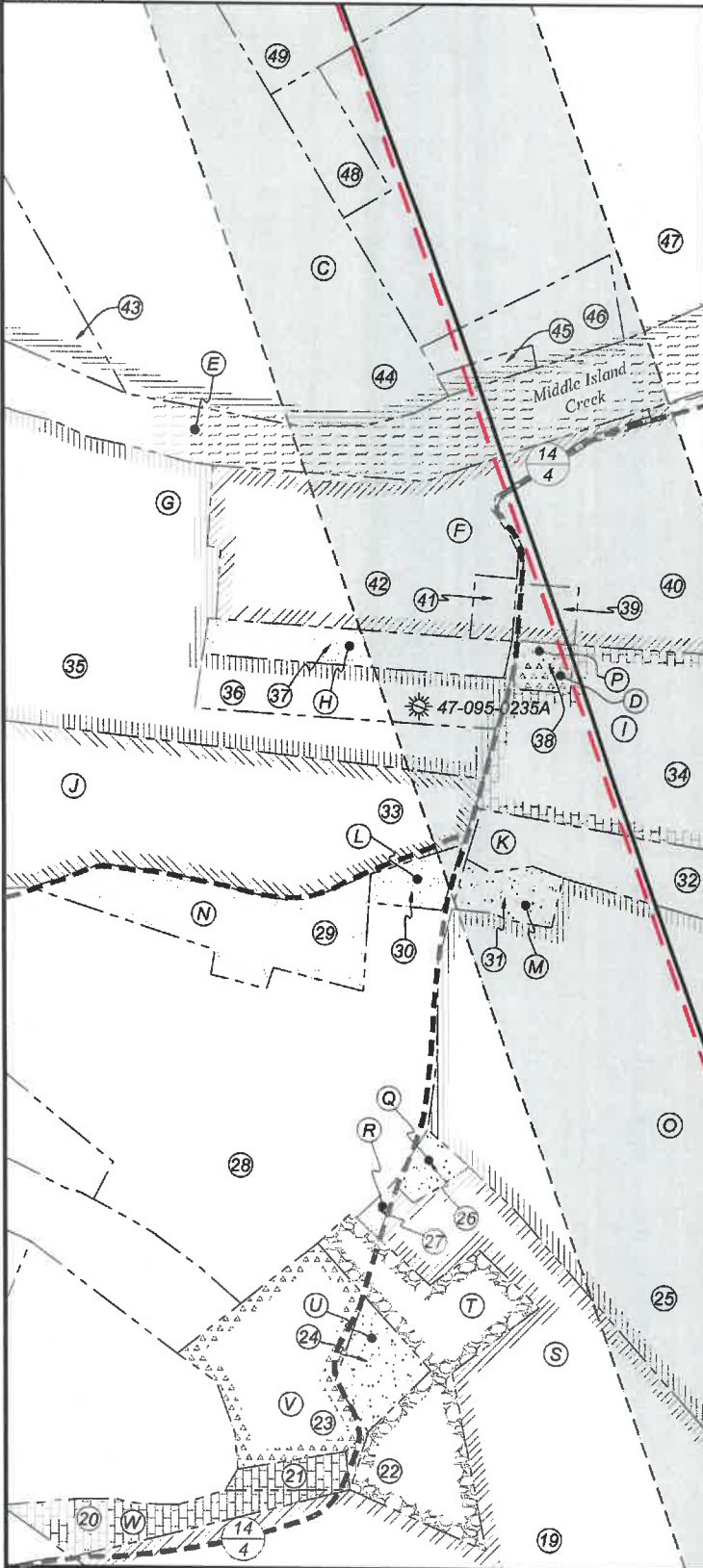
DATE: October 4 20 21  
OPERATOR'S WELL NO. Mills Unit 2H  
API WELL NO  
47 — 095 — 02712  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
As-Built  
LOCATION: ELEVATION: 1045' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Top: Middlebourne Btm: Bens Run 0.35242;  
DISTRICT: Union / Meade Dale V. Hadley; Craig E. Smith (2); Kenneth & Lora G. Thomas; WVDNR; COUNTY: Tyler 5; 81; 172.68125;  
SURFACE OWNER: Elizabeth Gorrell BRC Appalachian Minerals I LLC (2); Jimmy B. Bailey; ACREAGE: 242.30 145; 100.93125;  
ROYALTY OWNER: Kerr-McGee Oil & Gas Onshore LP; Julie Summers (2); Ronald Aston LEASE NO: \_\_\_\_\_ ACREAGE: 50; 35.13; 16; 155.5; 16; 20.41;  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,195' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,338' MD

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



Detail 2



| Tyler County - Meade District |          |  |           |        |
|-------------------------------|----------|--|-----------|--------|
| No.                           | TM / Par | Owner  | Bk / Pg   | Ac.    |
| 1                             | 7 / 15   | Elizabeth Gorrell                              | 321 / 360 | 242.50 |
| 2                             | 7 / 5    | Coastal Forest Resources Co.                   | 301 / 131 | 74.30  |
| 3                             | 7 / 14   | Russell G. Smith & Ruth M. Smith Family Trust  | 541 / 608 | 50.00  |
| 4                             | 7 / 9    | Russell G. Smith & Ruth M. Smith Family Trust  | 541 / 608 | 66.85  |
| 5                             | 7 / 4    | Marcia A. Hill                                 | 506 / 479 | 74.50  |
| 6                             | 7 / 3    | Noreen M. & Harry E. West, Jr.                 | 328 / 530 | 88.00  |
| 7                             | 4 / 33   | Michael L. & Kay L. Wells                      | 300 / 362 | 11.56  |
| 8                             | 4 / 20.1 | Richard W. Barnhart, Jr.                       | 213 / 162 | 49.74  |
| 9                             | 4 / 26   | Gregory L. Tammy L. Bever                      | 620 / 145 | 53.30  |
| 10                            | 4 / 27   | Stanley M. & Shelba J. Shultz                  | 202 / 438 | 271.29 |
| 11                            | 4 / 21.1 | Clayton Hill                                   | 321 / 360 | 5.00   |
| 12                            | 4 / 10.1 | Lori C. Kemp, et al                            | 343 / 714 | 0.89   |
| 13                            | 4 / 21   | Lori C. Kemp, et al                            | 343 / 714 | 27.27  |
| 14                            | 4 / 9    | Lori C. Kemp, et al                            | 343 / 714 | 35.18  |
| 15                            | 4 / 10   | Lori C. Kemp, et al                            | 343 / 714 | 84.00  |
| 16                            | 4 / 22   | Lori C. Kemp, et al                            | 343 / 714 | 63.60  |
| 17                            | 4 / 11   | Lori C. Kemp, et al                            | 343 / 714 | 25.08  |
| 18                            | 4 / 12   | Gerald W. Bailey, et al Revocable Living Trust | 374 / 647 | 47.00  |

| Tyler County - Union District |           |                                 |           |        |
|-------------------------------|-----------|---------------------------------|-----------|--------|
| No.                           | TM / Par  | Owner                           | Bk / Pg   | Ac.    |
| 19                            | 15 / 26   | Jay L. & Carla Summers          | 429 / 201 | 24.18  |
| 20                            | 15 / 25   | Charles N. & Marie A. Grachanin | 344 / 722 | 1.25   |
| 21                            | 15 / 25.1 | Charles N. & Marie A. Grachanin | 345 / 162 | 0.34   |
| 22                            | 15 / 28   | Orville Dale Kemp               | 332 / 416 | 6.00   |
| 23                            | 15 / 31   | Doris A. & Leo M. Herrick, Jr.  | 329 / 501 | 4.30   |
| 24                            | 15 / 30   | Harold W. Pancake               | 313 / 662 | 0.75   |
| 25                            | 15 / 27   | Jay L. & Carla Summers          | 429 / 201 | 35.13  |
| 26                            | 15 / 29   | Nelson C. Smith                 | W28 / 603 | 1.07   |
| 27                            | 15 / 32   | Delma M. Smith                  | 173 / 468 | 0.15   |
| 28                            | 15 / 12   | Matthew Wagner, et al           | W31 / 132 | 26.77  |
| 29                            | 15 / 6    | Harry G. Buchanan               | 356 / 235 | 2.00   |
| 30                            | 15 / 12.1 | Brian L. Vanduff                | 311 / 191 | 0.60   |
| 31                            | 15 / 13   | Brian L. Vanduff                | 311 / 191 | 0.87   |
| 32                            | 15 / 14   | Jay L. & Carla Summers, et al   | W24 / 47  | 16.00  |
| 33                            | 15 / 11   | Jay L. & Carla Summers, et al   | W24 / 47  | 13.00  |
| 34                            | 15 / 10   | Craig E. Smith                  | 335 / 275 | 16.00  |
| 35                            | 15 / 2    | James E. & Anita M. Carr        | 334 / 779 | 34.63  |
| 36                            | 15 / 2.1  | James E. & Anita M. Carr        | 314 / 693 | 2.82   |
| 37                            | 15 / 7    | Gerold W. Carmen M. Sillman     | 221 / 66  | 2.30   |
| 38                            | 15 / 8    | E.U.B. Church                   | 51 / 496  | 0.47   |
| 39                            | 15 / 9    | Stephen P. & Susan C. Racer     | 318 / 82  | 0.56   |
| 40                            | 15 / 4    | Stephen P. Racer                | 301 / 595 | 60.00  |
| 41                            | 15 / 5    | Thomas L. Ash                   | 323 / 589 | 0.45   |
| 42                            | 15 / 3    | George P. Greenaway III         | 373 / 339 | 7.80   |
| 43                            | 13 / 71   | Richard W. Heath II, et al      | 370 / 542 | 35.00  |
| 44                            | 13 / 72   | The Wilharm Cabin Trust         | 568 / 172 | 32.00  |
| 45                            | 13 / 67   | Christopher W. Elliott          | 350 / 820 | 1.00   |
| 46                            | 13 / 68   | Christopher W. Elliott          | 350 / 820 | 3.25   |
| 47                            | 13 / 69   | The Wilharm Cabin Trust         | 568 / 172 | 28.50  |
| 48                            | 13 / 70   | The Wilharm Cabin Trust         | 568 / 172 | 1.00   |
| 49                            | 13 / 73   | Jerry M. & Anna A. Cooper       | 343 / 778 | 39.00  |
| 50                            | 13 / 37   | Frances M. Asher Thom           | 398 / 45  | 112.74 |
| 51                            | 13A / 16  | Robert Standiford               | 343 / 530 | 3.43   |
| 52                            | 13 / 40   | Jerry M. & Anna A. Cooper       | 352 / 148 | 6.60   |

FILE NO: \_\_\_\_\_  
DRAWING NO: Mills Unit 2H As-Drilled  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

DATE: October 4 20 21  
OPERATOR'S WELL NO. Mills Unit 2H  
API WELL NO  
47 - 095 - 02712  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1045' WATERSHED: Outlet Middle Island Creek  
DISTRICT: Union / Meade Top: Middlebourne  
SURFACE OWNER: Elizabeth Gorrell QUADRANGLE: Btm: Bens Run  
ROYALTY OWNER: Kerr-McGee Oil & Gas Onshore LP; Julie Summers (2); Ronald Aston LEASE NO: \_\_\_\_\_ ACREAGE: 155.5; 16; 20.41; 5; 81; 172.68125; 115.100.93125; 232.41; 24.18; 50; 35.13; 16;

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,195' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,338' MD

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