

9,161' to Top Hole

908' to Bottom Hole  
LATITUDE 39 - 27 - 30

Bottom-Hole  
7.5 Spot

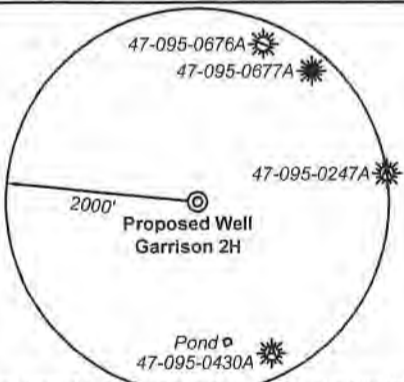
Notes: Well No.  
Garrison Unit 2H  
UTM NAD 1927 (USSF)  
Top Hole Coordinates  
N: 14,314,197.62'  
E: 1,643,026.29'  
Point of Entry Coordinates  
N: 14,314,601.38'  
E: 1,644,311.22'  
Bottom Hole Coordinates  
N: 14,327,856.58'  
E: 1,639,509.04'

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. Garrison Unit 2H Top Hole coordinates are  
N: 337,916.90' Latitude: 39°25'05.48"  
E: 1,578,851.87' Longitude: 80°59'26.74"  
Bottom Hole coordinates are  
N: 351,637.43' Latitude: 39°27'20.53"  
E: 1,575,562.02' Longitude: 81°00'11.58"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,363,193.593m N: 4,367,356.838m  
E: 500,809.904m E: 499,737.845m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.



Note: 1 pond and 0 water wells 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 86°33' E | 432.8'   |
| L2  | S 27°12' E | 2,239.8' |
| L3  | N 47°27' W | 2,525.2' |
| L4  | N 02°25' W | 2,171.8' |
| L5  | N 73°31' E | 1,347.3' |

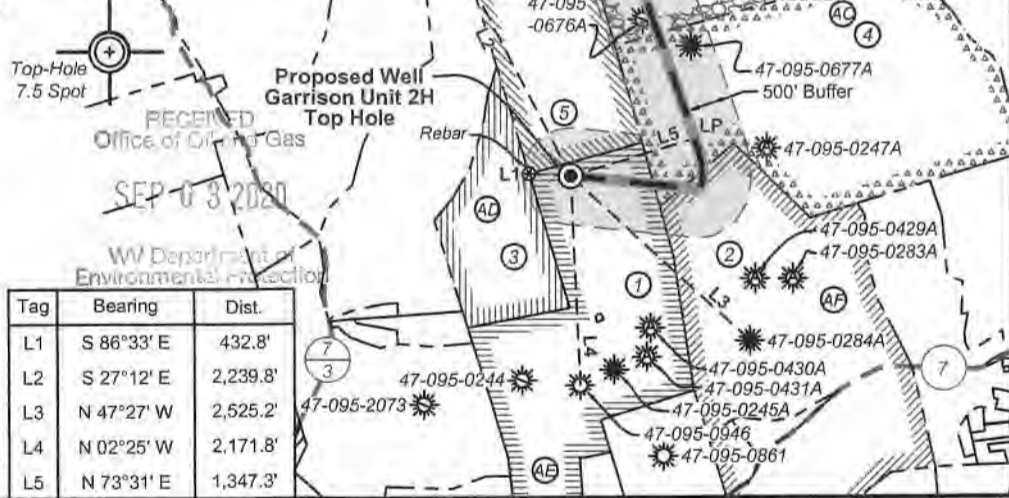


BTM LONGITUDE 81 - 00 - 00  
TOP LONGITUDE 80 - 57 - 30  
958' to Bottom Hole



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. 2157



FILE NO: 54-54-M-17  
DRAWING NO: Garrison Unit 2H Well Plat  
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: August 26 20 20  
OPERATOR'S WELL NO. Garrison Unit 2H  
API WELL NO  
47 - 095 - 02710  
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 QUADRANGLE: Btm: Bens Run  
DISTRICT: Union / Meade  
SURFACE OWNER: Elizabeth Gorrell  
ROYALTY OWNER: J&N Management Enterprises, LLC; Julie Summers; Roger & Dawn E. Billiter; LEASE NO: ACREAGE: 242.50  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6,700' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,000' 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

14,623' to Top Hole

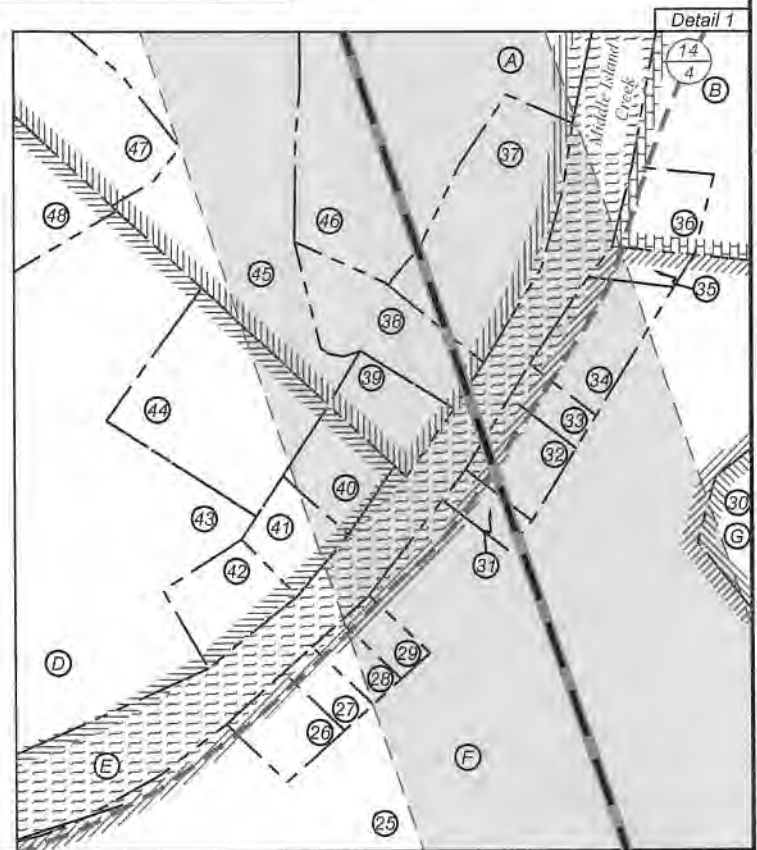




| Tyler County - Meade District |          |  |                  |
|-------------------------------|----------|--|------------------|
| No.                           | TM / Par | Owner  | Bk / Pg Ac.      |
| 1                             | 7 / 15   | Elizabeth Gorrell  | 321 / 360 242.50 |
| 2                             | 7 / 16   | Seven Spirits Farms, LLC   | 381 / 67 175.11  |
| 3                             | 7 / 14   | Russell G. & Ruth M. Smith Family Trust                                  | 541 / 608 50.00  |
| 4                             | 7 / 10   | Michael R. & Linda Fritzsimmmons   | 336 / 764 161.63 |
| 5                             | 7 / 5    | Coastal Forest Resources Co.   | 301 / 131 74.30  |
| 6                             | 7 / 6    | Joseph K. Turbush  | 390 / 22 75.00   |
| 7                             | 4 / 30   | Tony E. & Ellen L. Wince   | 246 / 25 97.15   |
| 8                             | 7 / 5.1  | Tony E. & Ellen L. Wince   | 246 / 25 5.70    |
| 9                             | 4 / 27   | Stanley M. & Shelba J. Shultz  | 202 / 438 271.29 |
| 10                            | 4 / 29   | Michael A. Domino  | 378 / 751 42.73  |
| 11                            | 4 / 22   | Lori C. & Ernest P. Herbold Jr., et al                                   | 343 / 714 63.60  |
| 12                            | 4 / 23   | Stanley N. Shelba J. Shultz, et al                                       | 335 / 958 41.27  |
| 13                            | 4 / 23.3 | William R. & Ruth R. Erlwine   | 433 / 585 17.00  |
| 14                            | 4 / 11   | Lori C. & Ernest P. Herbold Jr., et al                                   | 343 / 714 25.08  |
| 15                            | 4 / 12   | Gerold W. & Fay L. Bailey, Trustees of the Bailey Revocable Living Trust | 374 / 647 47.00  |
| 16                            | 4 / 13   | Gerold W. & Fay L. Bailey, Trustees of the Bailey Revocable Living Trust | 374 / 647 17.00  |
| 17                            | 4 / 14   | Roger L. H. & Dawn E. Billiter   | 290 / 155 26.03  |
| 18                            | 4 / 3.4  | Roger L. H. & Dawn E. Billiter   | 369 / 541 13.50  |
| 19                            | 4 / 3.1  | Roger L. H. & Dawn E. Billiter   | 354 / 118 7.54   |
| 20                            | 4 / 3.2  | Roger L. H. & Dawn E. Billiter   | 334 / 310 1.87   |

| Tyler County - Union District |            |                                 |                 |
|-------------------------------|------------|---------------------------------|-----------------|
| No.                           | TM / Par   | Owner                           | Bk / Pg Ac.     |
| 21                            | 15 / 27    | Jay L. & Carla Summers          | 429 / 201 35.13 |
| 22                            | 15 / 14    | Jay L. & Carla Summers, et al   | W24 / 47 16.00  |
| 23                            | 15 / 10    | Craig E. Smith                  | 335 / 275 16.00 |
| 24                            | 15 / 38    | Roger L. H. & Dawn E. Billiter  | 340 / 643 21.00 |
| 25                            | 15 / 4     | Stephen P. Racer                | 301 / 595 60.00 |
| 26                            | 13 / 61    | David W. & Sandra J. Myers      | 203 / 462 1.00  |
| 27                            | 13 / 62    | Thomas R. Minks                 | 314 / 574 0.50  |
| 28                            | 13 / 60    | George W. & Marjorie Meeks      | 311 / 383 0.50  |
| 29                            | 13 / 59    | George W. & Marjorie Meeks      | 311 / 383 0.50  |
| 30                            | 13 / 76    | Robert Lawson                   | 359 / 392 17.50 |
| 31                            | 13 / 78    | William C. Murphy               | 133 / 74 0.50   |
| 32                            | 13 / 58    | Charles S. Sapp                 | 366 / 484 1.10  |
| 33                            | 13 / 77    | Olga E. Hawkins                 | 205 / 705 0.50  |
| 34                            | 13 / 57    | Charles S. Sapp                 | 366 / 484 1.50  |
| 35                            | 13 / 56    | Charles S. Sapp                 | 366 / 484 0.50  |
| 36                            | 13 / 55.1  | Charles S. Sapp                 | 271 / 309 1.00  |
| 37                            | 13 / 74.12 | Donald B. & Barbara S. Stokes   | 387 / 61 4.02   |
| 38                            | 13 / 74.9  | Donald B. & Barbara S. Stokes   | 385 / 18 2.06   |
| 39                            | 13 / 74.10 | Mary C. Stewart                 | 362 / 63 1.20   |
| 40                            | 13 / 63    | George W. & Marjorie Meeks      | 311 / 383 1.00  |
| 41                            | 13 / 65    | Diana L. & George W. Meeks, Jr. | 363 / 292 1.00  |
| 42                            | 13 / 66    | George W. & Marjorie Meeks      | 311 / 383 1.00  |
| 43                            | 13 / 69    | The Wilham Cabin Trust          | 568 / 172 28.50 |
| 44                            | 13 / 64    | George W. & Marjorie Meeks      | 311 / 383 4.00  |
| 45                            | 13 / 74.5  | Mary C. Stewart                 | 362 / 63 30.58  |
| 46                            | 13 / 74.2  | Roger L. & Sara L. Hall         | 358 / 110 22.48 |
| 47                            | 13 / 74.4  | Jerry M. & Anna A. Cooper       | 358 / 102 5.35  |
| 48                            | 13 / 73    | Jerry M. & Anna A. Cooper       | 343 / 778 39.00 |
| 49                            | 13 / 40    | Jerry M. & Anna A. Cooper       | 352 / 148 6.60  |
| 50                            | 13 / 74.3  | Bobbin E. Pardine               | 358 / 115 22.88 |
| 51                            | 13 / 74.1  | Roger L. & Sara L. Hall         | 358 / 106 1.36  |
| 52                            | 13 / 74    | Mary C. Stewart                 | 362 / 63 3.21   |

| ID | Lease   |
|----|---|
| A  | J&N Management Enterprises, LLC                                     |
| B  | Geraldine Moses   |
| C  | Jerry M. & Anna A. Cooper   |
| D  | Kenneth & Lora G. Thomas  |
| E  | WVDNR   |
| F  | BRC Appalachian Minerals I, LLC                                     |
| G  | I.L. Morris   |
| H  | Ridgewood Development, LLC  |
| I  | Roger L. & Dawn E. Billiter   |
| J  | Ridgewood Development, LLC  |
| K  | Craig E. Smith  |
| L  | Julie Summers   |
| M  | Julie Summers   |
| N  | Roger L. & Dawn E. Billiter   |
| O  | Jimmy B. Bailey   |
| P  | RMH Trust   |
| Q  | Jimmy B. Bailey   |
| R  | The Thelma E. Hadley Testamentary Trust, Judy L. Mellor, as Trustee |
| S  | Dale V. Hadley  |
| T  | BRC Appalachian Minerals I, LLC                                     |
| U  | John M. Garrison  |
| V  | Ronald Aston  |
| W  | Michael A. Domino   |
| X  | Tony E. & Ellen L. Wince  |
| Y  | BRC Appalachian Minerals I, LLC                                     |
| Z  | Tony E. & Ellen L. Wince  |
| AA | Wilma Jane Benefield  |
| AB | Rita G. Jarvis  |
| AC | Kerr-McGee Oil & Gas Onshore LP                                     |
| AD | Janet Sue Baker   |
| AE | Elizabeth Gorrell, et al  |
| AF | Mary E. Clymer  |



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Environmental Protection

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DISTRICT: Union / Meade COUNTY: Tyler 106.8; 81; 64.36;  
SURFACE OWNER: Elizabeth Gorrell BRC Appalachian Minerals I LLC (2); Jimmy B. Bailey (2); 166.5625; 94.35; 17;  
ROYALTY OWNER: J&N Management Enterprises, LLC; Julie Summers; Roger & Dawn E. Billiter; Tony E. & Ellen L. Wince; Elizabeth Gorrell, et al; John M. Garrison; 47; 72.92; 9.41; 16;  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 201.8; 16; 185;  
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