

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

API 47-095-02890 County Tyler District Lincoln  
Quad Paden City Pad Name Starkey Field/Pool Name -----  
Farm name Neil R. Stebbins Well Number Ivory Unit 2H  
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 4379886.159m Easting 505971.177m  
Landing Point of Curve Northing 4379248.64m Easting 505497.07m  
Bottom Hole Northing 4376442.452m Easting 506486.441m

Elevation (ft) 1091' 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 7/3/2024 Date drilling commenced 9/15/2024 Date drilling ceased 11/22/2024  
Date completion activities began 1/13/2025 Date completion activities ceased 2/21/2025  
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 464' Open mine(s) (Y/N) depths No  
Salt water depth(s) ft 1522' Void(s) encountered (Y/N) depths No  
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths No  
Is coal being mined in area (Y/N) No

RECEIVED  
Office Of Oil and Gas

JUL 08 2025

WV Department of  
Environmental Protection

Reviewed by:

09/12/2025

API 47- 095 - 02890 Farm name Neil R. Stebbins Well number Ivory Unit 2H

| CASING STRINGS            | Hole Size     | Casing Size | Depth  | New or Used | Grade wt/ft  | Basket Depth(s) | Did cement circulate (Y/ N)<br>* Provide details below* |
|---------------------------|---------------|-------------|--------|-------------|--------------|-----------------|---------------------------------------------------------|
| Conductor                 | 28"           | 20"         | 130'   | New         | 91.59#, J-55 | N/A             | Y                                                       |
| Surface                   | 17-1/2"       | 13-3/8"     | 577'   | New         | 54.5#, J-55  | N/A             | Y                                                       |
| Coal                      |               |             |        |             |              |                 |                                                         |
| Intermediate 1            | 12-3/8"       | 9-5/8"      | 3410'  | New         | 36#, J-55    | N/A             | Y                                                       |
| Intermediate 2            |               |             |        |             |              |                 |                                                         |
| Intermediate 3            |               |             |        |             |              |                 |                                                         |
| Production                | 8-3/4"/8-1/2" | 5-1/2"      | 17634' | New         | 23#, P-110   | N/A             | Y                                                       |
| Tubing                    |               | 2-3/8"      | 6640'  |             | 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              | 190 sx          | 15.6                     | 1.18                         | 224                       | 0'                             | 8 Hrs.    |
| Surface        | Class C              | 513 sx          | 15.8                     | 1.17                         |                           | 0'                             | 8 Hrs.    |
| Coal           |                      |                 |                          |                              |                           |                                |           |
| Intermediate 1 | Class C              | 1245 sx         | 15.8                     | 1.15                         | 1432                      | 0'                             | 8 Hrs.    |
| Intermediate 2 |                      |                 |                          |                              |                           |                                |           |
| Intermediate 3 |                      |                 |                          |                              |                           |                                |           |
| Production     | Class H              | 2515 sx (Tail)  | 13.5 (Lead), 15.3 (Tail) | 1.73 (Lead), 1.31 (Tail)     | 3295                      | ~500' into Intermediate Casing | 8 Hrs.    |
| Tubing         |                      |                 |                          |                              |                           |                                |           |

Drillers TD (ft) 17634' MD, 6370' TVD (BHL), 6379' (Deepest Point Drilled) Loggers TD (ft) 17634' MD  
 Deepest formation penetrated Marcellus Plug back to (ft) N/A  
 Plug back procedure N/A

RECEIVED  
Office Of Oil and Gas  
JUL 08 2025

Kick off depth (ft) 5913'

WV Department of  
Environmental Protection

Check all wireline logs run ☐ caliper ☐ density ☐ deviated/directional ☐ induction  
☐ neutron ☐ resistivity ☐ gamma ray ☐ temperature ☐ sonic

Well cored ☐ Yes ☒ No Conventional ☐ Sidewall Were cuttings collected ☐ Yes ☒ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_

Conductor - 0

Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface

Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface

Production - 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILS \_\_\_\_\_

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

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

09/12/2025

API 47- 095 - 02890 Farm name Neil R. Stebbins Well number Ivory Unit 2H

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|--------------|
|           |                  |                        |                      |                        |              |

**\*PLEASE SEE ATTACHED EXHIBIT 1**

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

| Stage No. | Stimulations Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/other (units) |
|-----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
|           |                   |                     |                              |                              |            |                          |                        |                                  |

**\*PLEASE SEE ATTACHED EXHIBIT 2**

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Please insert additional pages as applicable.

RECEIVED  
Office Of Oil and Gas

JUL 08 2025

WV Department of  
Environmental Protection

09/12/2025

API 47- 095 - 02890      Farm name Neil R. Stebbins      Well number Ivory Unit 2H

| <u>PRODUCING FORMATION(S)</u> | <u>DEPTHS</u>   |                |
|-------------------------------|-----------------|----------------|
| Marcellus                     | 6171' (TOP) TVD | 6803' (TOP) MD |
|                               |                 |                |
|                               |                 |                |
|                               |                 |                |
|                               |                 |                |

Please insert additional pages as applicable.

|                  |                                   |                                   |                                               |             |                                          |                                    |                                             |                                |     |
|------------------|-----------------------------------|-----------------------------------|-----------------------------------------------|-------------|------------------------------------------|------------------------------------|---------------------------------------------|--------------------------------|-----|
| GAS TEST         | <input type="checkbox"/> Build up | <input type="checkbox"/> Drawdown | <input checked="" type="checkbox"/> Open Flow | OIL TEST    | <input checked="" type="checkbox"/> Flow | <input type="checkbox"/> Pump      |                                             |                                |     |
| SHUT-IN PRESSURE | Surface                           | 1173                              | psi                                           | Bottom Hole | ---                                      | psi                                | DURATION OF TEST                            | ---                            | hrs |
| OPEN FLOW        | Gas                               | Oil                               | NGL                                           | Water       | GAS MEASURED BY                          |                                    |                                             |                                |     |
|                  | 12047                             | mcfpd                             | 472 bpd                                       | -- bpd      | 1706 bpd                                 | <input type="checkbox"/> Estimated | <input checked="" type="checkbox"/> Orifice | <input type="checkbox"/> Pilot |     |

[illegible]

**\*PLEASE SEE ATTACHED EXHIBIT 3**

[illegible]

Please insert additional pages as applicable.

|                     |                       |      |        |       |       |
|---------------------|-----------------------|------|--------|-------|-------|
| Drilling Contractor | H & P Drilling        |      |        |       |       |
| Address             | 912 N Eagle Valley Rd | City | Howard | State | PA    |
|                     |                       |      |        | Zip   | 16841 |

|                 |                      |      |            |       |    |     |       |
|-----------------|----------------------|------|------------|-------|----|-----|-------|
| Logging Company | Nine Energy Services |      |            |       |    |     |       |
| Address         | 6500 West Fwy        | City | Fort Worth | State | TX | Zip | 76116 |

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

|                     |                          |             |         |       |              |
|---------------------|--------------------------|-------------|---------|-------|--------------|
| Stimulating Company |                          | Halliburton |         |       |              |
| Address             | 3000 W. Sam Houston Pkwy | City        | Houston | State | TX Zip 76114 |

Please insert additional pages as applicable.

Completed by Carly Wren Telephone 303-357-7373  
Signature [Signature] Title Permitting Agent Date 6/30/2025

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

09/12/2025

API 47-095-02890 Farm Name Neil R. Stebbins Well Number Ivory Unit 2H

## Exhibit 1

| Stage No. | Perforation Date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formations |
|-----------|------------------|------------------------|----------------------|------------------------|------------|
| 1         | 1/8/2025         | 17578.4                | 17563.4              | 36                     | Marcellus  |
| 2         | 1/9/2025         | 17524.53585            | 17358.2151           | 36                     | Marcellus  |
| 3         | 1/9/2025         | 17322.55094            | 17156.2302           | 36                     | Marcellus  |
| 4         | 1/9/2025         | 17120.56604            | 16954.2453           | 36                     | Marcellus  |
| 5         | 1/13/2025        | 16918.58113            | 16752.2604           | 36                     | Marcellus  |
| 6         | 1/13/2025        | 16716.59623            | 16550.2755           | 36                     | Marcellus  |
| 7         | 1/13/2025        | 16514.61132            | 16348.2906           | 36                     | Marcellus  |
| 8         | 1/14/2025        | 16312.62642            | 16146.3057           | 36                     | Marcellus  |
| 9         | 1/14/2025        | 16110.64151            | 15944.3208           | 36                     | Marcellus  |
| 10        | 1/14/2025        | 15908.6566             | 15742.3358           | 36                     | Marcellus  |
| 11        | 1/14/2025        | 15706.6717             | 15540.3509           | 36                     | Marcellus  |
| 12        | 1/14/2025        | 15504.68679            | 15338.366            | 36                     | Marcellus  |
| 13        | 1/14/2025        | 15302.70189            | 15136.3811           | 36                     | Marcellus  |
| 14        | 1/15/2025        | 15100.71698            | 14934.3962           | 36                     | Marcellus  |
| 15        | 1/15/2025        | 14898.73208            | 14732.4113           | 36                     | Marcellus  |
| 16        | 1/15/2025        | 14696.74717            | 14530.4264           | 36                     | Marcellus  |
| 17        | 1/15/2025        | 14494.76226            | 14328.4415           | 36                     | Marcellus  |
| 18        | 1/16/2025        | 14292.77736            | 14126.4566           | 36                     | Marcellus  |
| 19        | 1/16/2025        | 14090.79245            | 13924.4717           | 36                     | Marcellus  |
| 20        | 1/16/2025        | 13888.80755            | 13722.4868           | 36                     | Marcellus  |
| 21        | 1/17/2025        | 13686.82264            | 13520.5019           | 36                     | Marcellus  |
| 22        | 1/17/2025        | 13484.83774            | 13318.517            | 36                     | Marcellus  |
| 23        | 1/18/2025        | 13282.85283            | 13116.5321           | 36                     | Marcellus  |
| 24        | 1/18/2025        | 13080.86792            | 12914.5472           | 36                     | Marcellus  |
| 25        | 1/19/2025        | 12878.88302            | 12712.5623           | 36                     | Marcellus  |
| 26        | 1/19/2025        | 12676.89811            | 12510.5774           | 36                     | Marcellus  |
| 27        | 1/20/2025        | 12474.91321            | 12308.5925           | 36                     | Marcellus  |
| 28        | 1/20/2025        | 12272.9283             | 12106.6075           | 36                     | Marcellus  |
| 29        | 1/20/2025        | 12070.9434             | 11904.6226           | 36                     | Marcellus  |
| 30        | 1/21/2025        | 11868.95849            | 11702.6377           | 36                     | Marcellus  |
| 31        | 1/21/2025        | 11666.97358            | 11500.6528           | 36                     | Marcellus  |
| 32        | 1/22/2025        | 11464.98868            | 11298.6679           | 36                     | Marcellus  |
| 33        | 1/22/2025        | 11263.00377            | 11096.683            | 36                     | Marcellus  |
| 34        | 1/22/2025        | 11061.01887            | 10894.6981           | 36                     | Marcellus  |
| 35        | 1/23/2025        | 10859.03396            | 10692.7132           | 36                     | Marcellus  |
| 36        | 1/23/2025        | 10657.04906            | 10490.7283           | 36                     | Marcellus  |
| 37        | 1/24/2025        | 10455.06415            | 10288.7434           | 36                     | Marcellus  |
| 38        | 1/24/2025        | 10253.07925            | 10086.7585           | 36                     | Marcellus  |
| 39        | 1/24/2025        | 10051.09434            | 9884.77358           | 36                     | Marcellus  |
| 40        | 1/25/2025        | 9849.109434            | 9682.78868           | 36                     | Marcellus  |
| 41        | 1/25/2025        | 9647.124528            | 9480.80377           | 36                     | Marcellus  |
| 42        | 1/25/2025        | 9445.139623            | 9278.81887           | 36                     | Marcellus  |
| 43        | 1/26/2025        | 9243.154717            | 9076.83396           | 36                     | Marcellus  |
| 44        | 1/26/2025        | 9041.169811            | 8874.84906           | 36                     | Marcellus  |
| 45        | 1/26/2025        | 8839.184906            | 8672.86415           | 36                     | Marcellus  |
| 46        | 1/27/2025        | 8637.2                 | 8470.87925           | 36                     | Marcellus  |
| 47        | 1/27/2025        | 8435.215094            | 8268.89434           | 36                     | Marcellus  |
| 48        | 1/27/2025        | 8233.230189            | 8066.90943           | 36                     | Marcellus  |
| 49        | 1/28/2025        | 8031.245283            | 7864.92453           | 36                     | Marcellus  |
| 50        | 1/28/2025        | 7829.260377            | 7662.93962           | 36                     | Marcellus  |
| 51        | 1/28/2025        | 7627.275472            | 7460.95472           | 36                     | Marcellus  |
| 52        | 1/29/2025        | 7425.290566            | 7258.96981           | 36                     | Marcellus  |
| 53        | 1/29/2025        | 7223.30566             | 7056.98491           | 36                     | Marcellus  |
| 54        | 1/29/2025        | 7021.320755            | 6855                 | 36                     | Marcellus  |

RECEIVED  
Office Of Oil and Gas  
JUL 08 2025  
WV Department of  
Environmental Protection

09/12/2025

API 47-095-02890 Farm Name Neil R. Stebbins Well Number Ivory Unit 2H

## EXHIBIT 2

| Stage No. | Stimulations Date | Avg Pump Rate | Avg Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/ other (units) |
|-----------|-------------------|---------------|------------------------------|------------------------------|------------|--------------------------|------------------------|-----------------------------------|
| 1         | 1/8/2025          | 87.5          | 9634.1                       | 8096.1                       | 2924.6     | 122040                   | 3657.9                 | N/A                               |
| 2         | 1/9/2025          | 97.2          | 9455.3                       | 6637.6                       | 3931.8     | 413120                   | 7154.8                 | N/A                               |
| 3         | 1/9/2025          | 98.2          | 9771.0                       | 6258.1                       | 4483.0     | 415360                   | 7298.9                 | N/A                               |
| 4         | 1/9/2025          | 97.4          | 9756.4                       | 6386.9                       | 4283.0     | 408920                   | 7244.4                 | N/A                               |
| 5         | 1/13/2025         | 94.2          | 8981.0                       | 5539.0                       | 3615.0     | 404200                   | 7085.1                 | N/A                               |
| 6         | 1/13/2025         | 97.3          | 9502.3                       | 6259.4                       | 4190.0     | 400780                   | 7030.5                 | N/A                               |
| 7         | 1/13/2025         | 98.0          | 9496.9                       | 5899.4                       | 3582.4     | 408280                   | 7077.4                 | N/A                               |
| 8         | 1/14/2025         | 97.6          | 9246.1                       | 5834.3                       | 3730.3     | 421420                   | 7062.4                 | N/A                               |
| 9         | 1/14/2025         | 98.0          | 8898.8                       | 5495.8                       | 4064.8     | 415120                   | 6977.1                 | N/A                               |
| 10        | 1/14/2025         | 97.7          | 9322.6                       | 5590.9                       | 3332.0     | 415500                   | 6989.0                 | N/A                               |
| 11        | 1/14/2025         | 98.1          | 9144.9                       | 6073.2                       | 3916.0     | 412320                   | 7088.2                 | N/A                               |
| 12        | 1/14/2025         | 97.6          | 9075.9                       | 6229.6                       | 4050.0     | 407520                   | 6963.4                 | N/A                               |
| 13        | 1/14/2025         | 97.8          | 8827.9                       | 6084.0                       | 4028.0     | 415020                   | 7009.0                 | N/A                               |
| 14        | 1/15/2025         | 96.7          | 9146.1                       | 6205.6                       | 3929.0     | 404500                   | 6817.9                 | N/A                               |
| 15        | 1/15/2025         | 98.3          | 9345.2                       | 5824.0                       | 3870.0     | 407780                   | 7052.3                 | N/A                               |
| 16        | 1/15/2025         | 97.4          | 8942.5                       | 6019.2                       | 4151.0     | 412980                   | 7076.0                 | N/A                               |
| 17        | 1/15/2025         | 96.4          | 9066.3                       | 5945.0                       | 3182.0     | 415400                   | 6945.2                 | N/A                               |
| 18        | 1/16/2025         | 98.1          | 9187.2                       | 5676.7                       | 4048.0     | 411060                   | 6831.6                 | N/A                               |
| 19        | 1/16/2025         | 99.1          | 8941.7                       | 6218.7                       | 3580.0     | 403080                   | 6818.8                 | N/A                               |
| 20        | 1/16/2025         | 98.5          | 8574.2                       | 6054.6                       | 3930.0     | 409380                   | 6884.5                 | N/A                               |
| 21        | 1/17/2025         | 98.0          | 8768.3                       | 5965.3                       | 3967.0     | 408400                   | 6899.0                 | N/A                               |
| 22        | 1/17/2025         | 99.5          | 8948.7                       | 6297.1                       | 3950.0     | 408560                   | 6865.2                 | N/A                               |
| 23        | 1/18/2025         | 98.0          | 8695.2                       | 6078.3                       | 3980.0     | 410140                   | 6946.6                 | N/A                               |
| 24        | 1/18/2025         | 99.0          | 8597.2                       | 5759.0                       | 4108.0     | 406240                   | 7057.2                 | N/A                               |
| 25        | 1/19/2025         | 98.9          | 8514.7                       | 5803.2                       | 4123.0     | 409300                   | 6686.1                 | N/A                               |
| 26        | 1/19/2025         | 98.5          | 8327.5                       | 6019.9                       | 3997.0     | 412460                   | 6785.6                 | N/A                               |
| 27        | 1/20/2025         | 98.6          | 8253.4                       | 5717.1                       | 4004.0     | 395980                   | 6916.1                 | N/A                               |
| 28        | 1/20/2025         | 98.7          | 8481.8                       | 6023.3                       | 3502.0     | 393740                   | 6744.6                 | N/A                               |
| 29        | 1/20/2025         | 98.7          | 8313.1                       | 5660.2                       | 4039.0     | 401780                   | 6640.5                 | N/A                               |
| 30        | 1/21/2025         | 96.3          | 8019.3                       | 5426.2                       | 4210.0     | 409000                   | 7033.9                 | N/A                               |
| 31        | 1/21/2025         | 99.2          | 8085.7                       | 5993.2                       | 3916.0     | 403920                   | 6822.8                 | N/A                               |
| 32        | 1/22/2025         | 98.2          | 8005.5                       | 5950.2                       | 3915.0     | 398780                   | 6702.5                 | N/A                               |
| 33        | 1/22/2025         | 97.3          | 7982.7                       | 5967.0                       | 3982.0     | 401760                   | 6747.3                 | N/A                               |
| 34        | 1/22/2025         | 100.0         | 8208.0                       | 6270.9                       | 4016.0     | 403880                   | 6739.1                 | N/A                               |
| 35        | 1/23/2025         | 97.4          | 8330.2                       | 5921.0                       | 3278.8     | 403660                   | 6679.7                 | N/A                               |
| 36        | 1/23/2025         | 97.5          | 8107.1                       | 5765.5                       | 3205.3     | 408860                   | 6842.2                 | N/A                               |
| 37        | 1/24/2025         | 98.0          | 8215.0                       | 6333.2                       | 3801.0     | 408640                   | 6878.1                 | N/A                               |
| 38        | 1/24/2025         | 97.9          | 8104.0                       | 6235.8                       | 3831.0     | 406980                   | 6715.5                 | N/A                               |
| 39        | 1/24/2025         | 99.3          | 7936.3                       | 6209.2                       | 3571.0     | 411720                   | 6934.7                 | N/A                               |
| 40        | 1/25/2025         | 98.7          | 7465.7                       | 6308.8                       | 4018.0     | 406140                   | 6744.0                 | N/A                               |
| 41        | 1/25/2025         | 95.6          | 7681.1                       | 5927.9                       | 3888.0     | 408166                   | 8111.8                 | N/A                               |
| 42        | 1/25/2025         | 99.2          | 7889.6                       | 5909.5                       | 3916.0     | 400680                   | 6732.1                 | N/A                               |
| 43        | 1/26/2025         | 98.9          | 7848.7                       | 5793.0                       | 3944.0     | 412880                   | 6797.3                 | N/A                               |
| 44        | 1/26/2025         | 98.1          | 7815.9                       | 5979.1                       | 3687.0     | 412740                   | 6670.7                 | N/A                               |
| 45        | 1/26/2025         | 98.3          | 7768.7                       | 5697.0                       | 3880.0     | 405460                   | 6735.7                 | N/A                               |
| 46        | 1/27/2025         | 98.1          | 7462.7                       | 5828.7                       | 3944.0     | 409220                   | 7444.6                 | N/A                               |
| 47        | 1/27/2025         | 97.6          | 7324.0                       | 5980.9                       | 3738.0     | 414360                   | 6996.7                 | N/A                               |
| 48        | 1/27/2025         | 99.1          | 7462.9                       | 6429.4                       | 3768.0     | 410700                   | 7186.3                 | N/A                               |
| 49        | 1/28/2025         | 97.8          | 7569.4                       | 6332.3                       | 3151.2     | 415040                   | 7013.0                 | N/A                               |
| 50        | 1/28/2025         | 98.3          | 7168.3                       | 5698.7                       | 3601.0     | 413920                   | 6989.2                 | N/A                               |
| 51        | 1/28/2025         | 97.9          | 7245.8                       | 6037.2                       | 3801.0     | 418980                   | 7251.1                 | N/A                               |
| 52        | 1/29/2025         | 97.9          | 6859.4                       | 4599.2                       | 3969.0     | 420020                   | 7028.0                 | N/A                               |
| 53        | 1/29/2025         | 98.2          | 7076.8                       | 6386.9                       | 3596.0     | 412820                   | 7114.8                 | N/A                               |
| 54        | 1/29/2025         | 98.5          | 6458.3                       | 5858.2                       | 3211.0     | 414760                   | 7327.1                 | N/A                               |
|           | AVERAGE           | 98            | 8,395                        | 6,009                        | 3,821      | 21,803,466               | 372,844                | TOTAL                             |

RECEIVED  
Office Of Oil and Gas  
JUL 08 2025  
WV Department of  
Environmental Protection

09/12/2025

**EXHIBIT 3**

| LITHOLOGY/ FORMATION              | TOP DEPTH (TVD) | BOTTOM DEPTH (TVD) | TOP DEPTH (MD) | BOTTOM DEPTH (MD) |
|-----------------------------------|-----------------|--------------------|----------------|-------------------|
|                                   | From Surface    | From Surface       | From Surface   | From Surface      |
| Silty Sandstone                   | 570             | 720                | 570            | 720               |
| Sandstone, Occ Limestone, tr coal | 720             | 820                | 720            | 820               |
| Sandstone, Siltstone              | 820             | 1,020              | 820            | 1,020             |
| Silty Sandstone                   | 920             | 1,120              | 920            | 1,120             |
| Sandstone, Occ Siltstone          | 1,020           | 1,120              | 1,020          | 1,120             |
| Silty Sandstone                   | 1,120           | 1,220              | 1,120          | 1,220             |
| Sandstone, Siltstone              | 1,220           | 1,320              | 1,220          | 1,320             |
| Silty Sandstone                   | 1,320           | 1,420              | 1,320          | 1,420             |
| Sandstone, Occ Siltstone          | 1,420           | 1,520              | 1,420          | 1,520             |
| Silty Sandstone                   | 1,520           | 1,620              | 1,520          | 1,620             |
| Sandstone, Siltstone              | 1,620           | 1,720              | 1,620          | 1,720             |
| Silty Sandstone                   | 1,720           | 1,770              | 1,720          | 1,770             |
| Silty Sandstone, occ Limestone    | 1,770           | 1,816              | 1,770          | 1,864             |
| Big Lime                          | 1,846           | 2,704              | 1,864          | 2,834             |
| Fifty Foot Sandstone              | 2,704           | 2,750              | 2,804          | 2,884             |
| Gordon                            | 2,750           | 2,888              | 2,854          | 3,034             |
| Fifth Sandstone                   | 2,888           | 3,256              | 3,004          | 3,433             |
| Bayard                            | 3,256           | 3,914              | 3,403          | 4,154             |
| Speechley                         | 3,914           | 4,175              | 4,124          | 4,437             |
| Balltown                          | 4,175           | 4,594              | 4,407          | 4,892             |
| Bradford                          | 4,594           | 4,910              | 4,862          | 5,237             |
| Benson                            | 4,910           | 5,097              | 5,207          | 5,441             |
| Alexander                         | 5,097           | 6,089              | 5,411          | 6,588             |
| Sycamore                          | 5,962           | 6,059              | 6,409          | 6,558             |
| Middlesex                         | 6,059           | 6,143              | 6,558          | 6,727             |
| Burkett                           | 6,143           | 6,171              | 6,727          | 6,803             |
| Marcellus                         | 6,171           | NA                 | 6,803          | 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.

RECEIVED  
Office Of Oil and Gas  
JUL 08 2025  
WV Department of  
Environmental Protection

09/12/2025

## Hydraulic Fracturing Fluid Product Component Information Disclosure

|                                 |                              |
|---------------------------------|------------------------------|
| Job Start Date:                 | 01/08/2025                   |
| Job End Date:                   | 01/29/2025                   |
| State:                          | West Virginia                |
| County:                         | Tyler                        |
| API Number:                     | 47-095-02890-00-00           |
| Operator Name:                  | Antero Resources Corporation |
| Well Name and Number:           | IVORY UNIT 2H                |
| Latitude:                       | 39.568578                    |
| Longitude:                      | -80.930653                   |
| Datum:                          | NAD27                        |
| Federal Well:                   | NO                           |
| Indian Well:                    | NO                           |
| True Vertical Depth:            | 6379                         |
| Total Base Water Volume (gal)*: | 16209015                     |
| Total Base Non Water Volume:    | 0                            |



| Water Source   | Percent |
|----------------|---------|
| Produced Water | 100.00% |

RECEIVED  
Office Of Oil and Gas

JUL 08 2025

WV Department of  
Environmental Protection

### 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 |
|------------------------------------|-------------|--------------------------|-------------|------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------|
| Excelerate LX-21                   | Halliburton | Friction Reducer         |             |                                          |                                                            |                                                            |          |
| HAI-501                            | Halliburton | Acid Corrosion Inhibitor |             |                                          |                                                            |                                                            |          |
| HYDROCHLORIC ACID,15%              | Halliburton | Solvent                  |             |                                          |                                                            |                                                            |          |
| LCA-1                              | Halliburton | Solvent                  |             |                                          |                                                            |                                                            |          |
| MC B-8123                          | MultiChem   | Biocide                  |             |                                          |                                                            |                                                            |          |
| OPTIFLO-II DELAYED RELEASE BREAKER | Halliburton | Breaker                  |             |                                          |                                                            |                                                            |          |
| Produced Water (Density 8.8)       | Operator    | Base Fluid               |             |                                          |                                                            |                                                            |          |
| Sand-Common White-100 Mesh, SSA-2  | Halliburton | Proppant                 |             |                                          |                                                            |                                                            |          |
| WG-36 GELLING AGENT                | Halliburton | Gelling Agent            |             |                                          |                                                            |                                                            |          |

09/12/2025

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

|  |  |  |                                                                                         |             |           |          |      |
|--|--|--|-----------------------------------------------------------------------------------------|-------------|-----------|----------|------|
|  |  |  | Water                                                                                   | 7732-18-5   | 100.00000 | 86.41675 | None |
|  |  |  | Crystalline silica, quartz                                                              | 14808-60-7  | 100.00000 | 13.20945 | None |
|  |  |  | Water                                                                                   | 7732-18-5   | 85.00000  | 0.30328  | None |
|  |  |  | Hydrochloric acid                                                                       | 7647-01-0   | 15.00000  | 0.04833  | None |
|  |  |  | Complex amine compound                                                                  | Proprietary | 60.00000  | 0.02385  | None |
|  |  |  | Hydrotreated distillate                                                                 | Proprietary | 100.00000 | 0.01193  | None |
|  |  |  | Guar gum                                                                                | 9000-30-0   | 100.00000 | 0.00354  | None |
|  |  |  | Glutaraldehyde                                                                          | 111-30-8    | 30.00000  | 0.00237  | None |
|  |  |  | Ammonium chloride                                                                       | 12125-02-9  | 5.00000   | 0.00199  | None |
|  |  |  | Ethoxylated alcohol                                                                     | Proprietary | 5.00000   | 0.00199  | None |
|  |  |  | Fatty nitrogen derived amides                                                           | Proprietary | 5.00000   | 0.00199  | None |
|  |  |  | Sorbitan, mono-9-octadecenoate, (Z)                                                     | 1338-43-8   | 1.00000   | 0.00040  | None |
|  |  |  | Sorbitan monooleate polyoxyethylene derivative                                          | 9005-65-6   | 1.00000   | 0.00040  | None |
|  |  |  | Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides                   | 68424-85-1  | 5.00000   | 0.00040  | None |
|  |  |  | Methanol                                                                                | 67-56-1     | 100.00000 | 0.00024  | None |
|  |  |  | Ammonium persulfate                                                                     | 7727-54-0   | 100.00000 | 0.00014  | None |
|  |  |  | Citric acid                                                                             | 77-92-9     | 1.00000   | 0.00008  | None |
|  |  |  | Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil | 61790-12-3  | 30.00000  | 0.00007  | None |
|  |  |  | Modified thiourea polymer                                                               | Proprietary | 30.00000  | 0.00007  | None |
|  |  |  | Oxylated phenolic resin                                                                 | Proprietary | 30.00000  | 0.00004  | None |
|  |  |  | Propargyl alcohol                                                                       | 107-19-7    | 5.00000   | 0.00001  | None |
|  |  |  | Hexadecene                                                                              | 629-73-2    | 5.00000   | 0.00001  | None |
|  |  |  | Ethoxylated alcohols                                                                    | Proprietary | 5.00000   | 0.00001  | None |
|  |  |  | C.I. pigment Orange 5                                                                   | 3468-63-1   | 1.00000   | 0.00000  | None |

09/12/2025

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

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

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

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

RECEIVED  
Office Of Oil and Gas

JUL 08 2025

WV Department of  
Environmental Protection

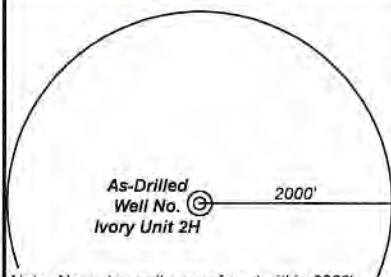
09/12/2025

Wellhead Layout (NTS)

Ivory Unit 1H  
(47-095-02889)  
As-Drilled  
Ivory Unit 2H  
(47-095-02890)  
Magnolia Unit 1H  
(47-095-02891)  
Magnolia Unit 2H  
(47-095-02892)  
Elexa Unit 1H  
(47-095-02887)  
Elexa Unit 2H  
(47-095-02888)

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, P.S. 2167



Note: No 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.

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.

|    | Bearing    | Dist.    |
|----|------------|----------|
| L1 | S 51°58' W | 2,775.1' |
| L2 | S 07°00' W | 949.9'   |
| L3 | N 77°52' E | 1,369.2' |
| L4 | N 44°18' E | 1,221.3' |

2,263' to Bottom Hole

—3,943' to Top Hole

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

LONGITUDE 80 - 55 - 00

1.502' to Bottom Hole

Top Hole  
7.5' Spot

**Detail "A" (1"=1000')**

Notes:  
Well No. Ivory Unit 2H  
As-Drilled POE Coordinates  
WV Coordinate System  
of 1927, North Zone  
N: 391,340.64'  
E: 1,594,851.45'  
Latitude: 39°33'56.02"  
Longitude: 80°56'13.78"  
UTM Zone 17, NAD 1983  
N: 4,379,550.918m  
E: 505,412.651m

Notes

West Virginia Coordinate System  
of 1927, North Zone  
based upon Differential GPS Measurements.

Well No. Ivory Unit 2H Top Hole coordinates are  
N: 392,410.07' Latitude: 39°34'06.88"  
E: 1,596,702.68' Longitude: 80°55'50.36"  
Bottom Hole coordinates are  
N: 381,081.39' Latitude: 39°32'15.16"  
E: 1,598,205.05' Longitude: 80°55'28.88"  
UTM Zone 17, NAD 1983

Top Hole Coordinates      Bottom Hole Coordinates  
N: 4,379,886.159m      N: 4,376,442.452m  
E: 505,971.177m      E: 506,486.441m

Plat orientation and corner and well references  
are based upon the grid north meridian.

Well location references are based upon the magnetic  
meridian.

FILE NO: 160-54-L-23  
DRAWING NO: Ivory 2H As-Drilled  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
WVDOT, Harrisville, WV

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

DATE: July 2 20 25

OPERATOR'S WELL NO. Ivory 2H

API WELL NO

47 - 095 - 02890  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-built Elev: 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City

DISTRICT: Lincoln

SURFACE OWNER: Neil R. Stebbins

ROYALTY OWNER: AMP IV, LP

LEASE NO: \_\_\_\_\_ ACREAGE: 80.37

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: 17,634' MD

**WELL OPERATOR:** Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street  
Denver, CO 80202

ADDRESS: 535 White Oaks Blvd.  
Bridgeport, WV 26330



| Leases |                                            |
|--------|--------------------------------------------|
| A      | Moore Self Storage, North Carolina, LLC    |
| B      | Robert F. & Rita K. Scardina               |
| C      | Evon Heintzman, by Debra K. Spencer as ALF |
| D      | Robert F. & Rita K. Scardina               |
| E      | Bounty Minerals, LLC                       |
| F      | Date Palm Resources, LLC                   |
| G      | Theresa J. Drain                           |
| H      | Bounty Minerals, LLC                       |
| I      | Delbert D. & Betty R. Rush                 |
| L      | Delbert D. & Betty R. Rush                 |
| M      | Betty Ruth Rush, et al                     |
| N      | Kimberly J. Bassett, DSSP                  |
| O      | Larry M. & Betty L. Jochum, JTWROS         |
| P      | Ronal Wayne Rush                           |
| Q      | Gerald W. Meckley, Jr. et al               |
| R      | Robert L. Bolner                           |
| S      | Arlen Glen Wells, Jr.                      |
| T      | Frank Krynicki                             |
| U      | Gerald W. Meckley, Jr. et al               |
| W      | Ralph & Stella Judge                       |
| X      | AMP IV, LP                                 |
| Y      | Robert F. & Rita K. Scardina               |
| Z      | Robert F. & Rita K. Scardina               |
| AA     | Earl Grimes, et ux                         |
| AB     | Bounty Minerals, LLC                       |

| ID | TM-Par | Owner                                       | Bk/Pg    | Acres   |
|----|--------|---------------------------------------------|----------|---------|
| 1  | 5-4    | Ralph D. & Sophia Judge                     | 306/681  | 60.77   |
| 2  | 5-9.4  | Neil R. Stebbins                            | 366/436  | 51.48   |
| 3  | 4-91   | Donna Kathy Johnston                        | 184/133  | 54.06   |
| 4  | 5-12   | Robert F. & Rita K. Scardina                | 320/646  | 25.00   |
| 5  | 5-11   | Robert F. & Rita K. Scardina                | 320/646  | 25.00   |
| 6  | 8-14   | Robert F. & Rita K. Scardina                | 320/646  | 72.79   |
| 7  | 8-14   | Robert F. & Rita K. Scardina                | 320/646  | 72.79   |
| 8  | 8-12   | Donna Kathy Johnston                        | 184/133  | 86.89   |
| 9  | 8-13   | Donna Kathy Johnston                        | 184/133  | 50.00   |
| 10 | 9-1    | Dickie L. Morgan                            | 605/478  | 50.00   |
| 11 | 8-24   | Theresa J. Drain                            | 428/607  | 49.47   |
| 12 | 9-16   | D.E. Grimes & Sons Farm, LLC                | 209/496  | 118.215 |
| 13 | 8-26   | Delbert D. & Betty Ruth Rush                | 191/125  | 20.65   |
| 14 | 8-26.1 | Donal L. & Joyce J. Rush                    | 230/44   | 2.345   |
| 15 | 9-12   | Betty Ruth Rush                             | 162/25   | 23.00   |
| 16 | 9-14   | Donal Lee & Ronal Wayne Rush                | 368/825  | 32.71   |
| 17 | 9-13   | Betty Ruth & Delbert Rush                   | 368/825  | 3.5     |
| 18 | 9-15   | Larry M. & Betty L. Jochum; Mark Lee Jochum | 391/407  | 7.301   |
| 19 | 9-15.2 | Kimberly J. Williamson, et al               | 451/715  | 4.00    |
| 20 | 9-14.1 | Ronal Wayne Rush                            | 308/306  | 2.79    |
| 21 | 9-22   | G.R. Meckley Family Trust                   | OR50/28  | 43.75   |
| 22 | 9-23   | Robert L. Bolner                            | 347/235  | 61.00   |
| 23 | 9-45   | G.R. Meckley Family Trust                   | OR50/606 | 26.05   |
| 24 | 9-45.1 | G.R. Meckley Family Trust                   | OR50/606 | 9.94    |
| 25 | 8-61   | G.R. Meckley Family Trust                   | OR50/28  | 106.51  |
| 26 | 9-25   | Vonlie Cooper                               | 289/103  | 31.48   |
| 27 | 9-26   | Margaret Krynicki, et al                    | 404/293  | 15.00   |
| 28 | 13-1   | G.R. Meckley Family Trust                   | OR50/28  | 99.00   |
| 29 | 13-5   | G.R. Meckley Family Trust                   | OR50/28  | 31.50   |

FILE NO: 160-54-L-23  
DRAWING NO: Ivory 2H As-Drilled  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
WVDOT, Harrisville, WV

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

DATE: July 2 20 25  
OPERATOR'S WELL NO. Ivory 2H  
API WELL NO  
47 - 095 - 02890  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION: ELEVATION: As-built Elev. 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
DISTRICT: Lincoln COUNTY: Tyler  
SURFACE OWNER: Neil R. Stebbins ACREAGE: 51.48  
ROYALTY OWNER: AMP IV, LP LEASE NO: ACREAGE: 80.37  
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: 6,370' TVD 17,634' MD

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

Antero Resources

Well No. Ivory 2H

As-Drilled

Antero Resources Corporation

ALLEGHENY

SURVEYS, INC.

Wellhead Layout (NTS)

Ivory Unit 1H  
(47-095-02889)

As-Drilled Ivory Unit 2H  
(47-095-02890)

Magnolia Unit 1H  
(47-095-02891)

Magnolia Unit 2H  
(47-095-02892)

Elexa Unit 1H  
(47-095-02887)

Elexa Unit 2H  
(47-095-02888)

Page 1 of 2

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, P.S. 2167

As-Drilled Well No. Ivory Unit 2H

2000'

Note: No 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.

Legend

Proposed gas well

Monument, as noted

Existing Well, as noted

Digitized Well, as noted

Creek or Drain

Road

Surface boundary (approx.)

Interior surface tracts (approx.)

County Line

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.

|    | Bearing    | Dist.    |
|----|------------|----------|
| L1 | S 51°58' W | 2,775.1' |
| L2 | S 07°00' W | 949.9'   |
| L3 | N 77°52' E | 1,369.2' |
| L4 | N 44°18' E | 1,221.3' |

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

OIL AND GAS DIVISION

DATE: July 2 20 25

OPERATOR'S WELL NO. Ivory 2H

API WELL NO

47 - 095 - 02890

STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL

(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-built Elev: 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City

DISTRICT: Lincoln COUNTY: Tyler 09/12/2025

SURFACE OWNER: Neil R. Stebbins ACREAGE: 51.48

ROYALTY OWNER: AMP IV, LP LEASE NO: ACREAGE: 80.37

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: 6,370' TVD 17,634' MD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street

ADDRESS: 535 White Oaks Blvd.

Denver, CO 80202

Bridgeport, WV 26330

2,263' to Bottom Hole

3,943' to Top Hole

TOP HOLE LATITUDE 39 - 35 - 00

BTM HOLE LATITUDE 39 - 32 - 30

LONGITUDE 80 - 55 - 00

5,375' to Top Hole

1,502' to Bottom Hole

As-Drilled Well No. Ivory Unit 2H

Top Hole 7.5' Spot

BTM Hole 7.5' Spot

Iron Pipe

5/8" Rebar

POE

Detail "A"

Detail "A" (1"=1000')

Notes:

Well No. Ivory Unit 2H

As-Drilled POE Coordinates

WV Coordinate System of 1927, North Zone

N: 391,340.64'

E: 1,594,851.45'

Latitude: 39°33'56.02"

Longitude: 80°56'13.78"

UTM Zone 17, NAD 1983

N: 4,379,550.918m

E: 505,412.651m

Notes

West Virginia Coordinate System of 1927, North Zone

based upon Differential GPS Measurements.

Well No. Ivory Unit 2H Top Hole coordinates are

N: 392,410.07' Latitude: 39°34'06.88"

E: 1,596,702.68' Longitude: 80°55'50.36"

Bottom Hole coordinates are

N: 381,081.39' Latitude: 39°32'15.16"

E: 1,598,205.05' Longitude: 80°55'28.88"

UTM Zone 17, NAD 1983

Top Hole Coordinates Bottom Hole Coordinates

N: 4,379,886.159m N: 4,376,442.452m

E: 505,971.177m E: 506,486.441m

Plat orientation and corner and well references are based upon the grid north meridian.

Well location references are based upon the magnetic meridian.



| Leases |                                            |
|--------|--------------------------------------------|
| A      | Moore Self Storage, North Carolina, LLC    |
| B      | Robert F. & Rita K. Scardina               |
| C      | Evon Heintzman, by Debra K. Spencer as AIF |
| D      | Robert F. & Rita K. Scardina               |
| E      | Bounty Minerals, LLC                       |
| F      | Date Palm Resources, LLC                   |
| G      | Theresa J. Drain                           |
| H      | Bounty Minerals, LLC                       |
| I      | Delbert D. & Betty R. Rush                 |
| L      | Delbert D. & Betty R. Rush                 |
| M      | Betty Ruth Rush, et al                     |
| N      | Kimberly J. Bassett, DSSP                  |
| O      | Larry M. & Betty L. Jochum, JTWROS         |
| P      | Ronal Wayne Rush                           |
| Q      | Gerald W. Meckley, Jr. et al               |
| R      | Robert L. Bolner                           |
| S      | Arlen Glen Wells, Jr.                      |
| T      | Frank Krynicki                             |
| U      | Gerald W. Meckley, Jr. et al               |
| W      | Ralph & Stella Judge                       |
| X      | AMP IV, LP                                 |
| Y      | Robert F. & Rita K. Scardina               |
| Z      | Robert F. & Rita K. Scardina               |
| AA     | Earl Grimes, et ux                         |
| AB     | Bounty Minerals, LLC                       |

| ID | TM-Par | Owner                                       | Bk/Pg    | Acres   |
|----|--------|---------------------------------------------|----------|---------|
| 1  | 5-4    | Ralph D. & Sophia Judge                     | 306/681  | 60.77   |
| 2  | 5-9.4  | Neil R. Stebbins                            | 366/436  | 51.48   |
| 3  | 4-91   | Donna Kathy Johnston                        | 184/133  | 54.06   |
| 4  | 5-12   | Robert F. & Rita K. Scardina                | 320/646  | 25.00   |
| 5  | 5-11   | Robert F. & Rita K. Scardina                | 320/646  | 25.00   |
| 6  | 8-14   | Robert F. & Rita K. Scardina                | 320/646  | 72.79   |
| 7  | 8-14   | Robert F. & Rita K. Scardina                | 320/646  | 72.79   |
| 8  | 8-12   | Donna Kathy Johnston                        | 184/133  | 86.89   |
| 9  | 8-13   | Donna Kathy Johnston                        | 184/133  | 50.00   |
| 10 | 9-1    | Dickie L. Morgan                            | 605/478  | 50.00   |
| 11 | 8-24   | Theresa J. Drain                            | 428/607  | 49.47   |
| 12 | 9-16   | D.E. Grimes & Sons Farm, LLC                | 209/496  | 118.215 |
| 13 | 8-26   | Delbert D. & Betty Ruth Rush                | 191/125  | 20.65   |
| 14 | 8-26.1 | Donal L. & Joyce J. Rush                    | 230/44   | 2.345   |
| 15 | 9-12   | Betty Ruth Rush                             | 162/25   | 23.00   |
| 16 | 9-14   | Donal Lee & Ronal Wayne Rush                | 368/825  | 32.71   |
| 17 | 9-13   | Betty Ruth & Delbert Rush                   | 368/825  | 3.5     |
| 18 | 9-15   | Larry M. & Betty L. Jochum; Mark Lee Jochum | 391/407  | 7.301   |
| 19 | 9-15.2 | Kimberly J. Williamson, et al               | 451/715  | 4.00    |
| 20 | 9-14.1 | Ronal Wayne Rush                            | 308/306  | 2.79    |
| 21 | 9-22   | G.R. Meckley Family Trust                   | OR50/28  | 43.75   |
| 22 | 9-23   | Robert L. Bolner                            | 347/235  | 61.00   |
| 23 | 9-45   | G.R. Meckley Family Trust                   | OR50/606 | 26.05   |
| 24 | 9-45.1 | G.R. Meckley Family Trust                   | OR50/606 | 9.94    |
| 25 | 8-61   | G.R. Meckley Family Trust                   | OR50/28  | 106.51  |
| 26 | 9-25   | Vonlie Cooper                               | 289/103  | 31.48   |
| 27 | 9-26   | Margaret Krynicki, et al                    | 404/293  | 15.00   |
| 28 | 13-1   | G.R. Meckley Family Trust                   | OR50/28  | 99.00   |
| 29 | 13-5   | G.R. Meckley Family Trust                   | OR50/28  | 31.50   |

FILE NO: 160-54-L-23  
DRAWING NO: Ivory 2H As-Drilled  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
WVDOT, Harrisville, WV

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

DATE: July 2 20 25  
OPERATOR'S WELL NO. Ivory 2H  
API WELL NO  
47 - 095 - 02890  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION: ELEVATION: As-built Elev: 1,091' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
DISTRICT: Lincoln COUNTY: Tyler  
SURFACE OWNER: Neil R. Stebbins ACREAGE: 51.48  
ROYALTY OWNER: AMP IV, LP LEASE NO: ACREAGE: 80.37  
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: 17,634' MD 6,370' TVD

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