

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

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MAY 07 2025

WV Department of  
Environmental Protection

API 47 - 103 - 03655 County Wetzel District Green  
Quad Pine Grove 7.5' Pad Name Galmish Field/Pool Name -----  
Farm name Dallison Lumber Inc. Well Number Harlan 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 526183.763m Easting 4380878.333m  
Landing Point of Curve Northing 526672.29m Easting 4380775.00m  
Bottom Hole Northing 528318.176m Easting 4375977.926m

Elevation (ft) 1160.7' 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 5/20/2024 Date drilling commenced 6/1/2024 Date drilling ceased 9/16/2024  
Date completion activities began 11/17/2024 Date completion activities ceased 1/6/2025  
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 45', 130' Open mine(s) (Y/N) depths No  
Salt water depth(s) ft 1961' 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

Reviewed by:

APPROVED

09/19/2025

API 47- 103 - 03655

Farm name Dallison Lumber Inc.

Well number Harlan 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"         | 135'   | New         | 91.59#, J-55 | N/A             | Y                                                       |
| Surface                   | 17-1/2"        | 13-3/8"     | 362'   | New         | 54.5#, J-55  | N/A             | Y                                                       |
| Coal                      |                |             |        |             |              |                 |                                                         |
| Intermediate 1            | 12-3/8"        | 9-5/8"      | 3625'  | New         | 36#, J-55    | N/A             | Y                                                       |
| Intermediate 2            |                |             |        |             |              |                 |                                                         |
| Intermediate 3            |                |             |        |             |              |                 |                                                         |
| Production                | 8-3/4" /8-1/2" | 5-1/2"      | 25170' | New         | 23#, P-110   | N/A             | Y                                                       |
| Tubing                    |                | 2-3/8"      | 7266'  |             | 4.7#, P-110  |                 |                                                         |
| Packer type and depth set |                | N/A         |        |             |              |                 |                                                         |

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Comment Details \_\_\_\_\_

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| 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              | 194 sx          | 15.6                      | 1.18                         | 229                       | 0'                             | 8 Hrs.    |
| Surface        | Class C              | 350 sx          | 15.8                      | 1.17                         | 410                       | 0'                             | 8 Hrs.    |
| Coal           |                      |                 |                           |                              |                           |                                |           |
| Intermediate 1 | Class C              | 1199 sx         | 15.8                      | 1.16                         | 1391                      | 0'                             | 8 Hrs.    |
| Intermediate 2 |                      |                 |                           |                              |                           |                                |           |
| Intermediate 3 |                      |                 |                           |                              |                           |                                |           |
| Production     | Class H              | 4309 sx (Tail)  | 13.5 (Spacer), 15.2(Tail) | 1.31 (Tail)                  | 5645                      | ~500' into Intermediate Casing | 8 Hrs.    |
| Tubing         |                      |                 |                           |                              |                           |                                |           |

Drillers TD (ft) 25,170' MD, 7,131' TVD (BHL), 7,132' TVD (Deepest Point Drilled)

Loggers TD (ft) 25,130' MD

Deepest formation penetrated Marcellus

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 6,350'

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

09/19/2025

*SM*

Well number Harlan Unit 2H

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

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| WV Department of<br>Environmental Protection |                                     |
|----------------------------------------------|-------------------------------------|
| Amount of<br>Water (bbls)                    | Amount of<br>Nitrogen/other (units) |

[illegible][illegible]

09/19/2025

Well number Harlan Unit 2H

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

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

**\*PLEASE SEE ATTACHED EXHIBIT 3**

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

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| API 47-103-03655 Farm Name Dallison Lumber Inc., Well Number Harlan Unit 2H |                  |                        |                      |                        |            |
|-----------------------------------------------------------------------------|------------------|------------------------|----------------------|------------------------|------------|
| EXHIBIT 1                                                                   |                  |                        |                      |                        |            |
| Stage No.                                                                   | Perforation Date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formations |
| 1                                                                           | 11/17/2024       | 25076                  | 25033                | 36                     | Marcellus  |
| 2                                                                           | 11/17/2024       | 24994.55747            | 24829.3448           | 36                     | Marcellus  |
| 3                                                                           | 11/17/2024       | 24793.9023             | 24628.6897           | 36                     | Marcellus  |
| 4                                                                           | 11/18/2024       | 24593.24713            | 24428.0345           | 36                     | Marcellus  |
| 5                                                                           | 11/18/2024       | 24392.59195            | 24227.3793           | 36                     | Marcellus  |
| 6                                                                           | 11/19/2024       | 24191.93678            | 24026.7241           | 36                     | Marcellus  |
| 7                                                                           | 11/19/2024       | 23991.28161            | 23826.069            | 36                     | Marcellus  |
| 8                                                                           | 11/19/2024       | 23790.62644            | 23625.4138           | 36                     | Marcellus  |
| 9                                                                           | 11/19/2024       | 23589.97126            | 23424.7586           | 36                     | Marcellus  |
| 10                                                                          | 11/20/2024       | 23389.31609            | 23224.1034           | 36                     | Marcellus  |
| 11                                                                          | 11/20/2024       | 23188.66092            | 23023.4483           | 36                     | Marcellus  |
| 12                                                                          | 11/20/2024       | 22988.00575            | 22822.7931           | 36                     | Marcellus  |
| 13                                                                          | 11/21/2024       | 22787.35057            | 22622.1379           | 36                     | Marcellus  |
| 14                                                                          | 11/21/2024       | 22586.6954             | 22421.4828           | 36                     | Marcellus  |
| 15                                                                          | 11/21/2024       | 22386.04023            | 22220.8276           | 36                     | Marcellus  |
| 16                                                                          | 11/21/2024       | 22185.38506            | 22020.1724           | 36                     | Marcellus  |
| 17                                                                          | 11/22/2024       | 21984.72989            | 21819.5172           | 36                     | Marcellus  |
| 18                                                                          | 11/22/2024       | 21784.07471            | 21618.8621           | 36                     | Marcellus  |
| 19                                                                          | 11/22/2024       | 21583.41954            | 21418.2069           | 36                     | Marcellus  |
| 20                                                                          | 11/23/2024       | 21382.76437            | 21217.5517           | 36                     | Marcellus  |
| 21                                                                          | 11/23/2024       | 21182.1092             | 21016.8966           | 36                     | Marcellus  |
| 22                                                                          | 11/23/2024       | 20981.45402            | 20816.2414           | 36                     | Marcellus  |
| 23                                                                          | 11/24/2024       | 20780.79885            | 20615.5862           | 36                     | Marcellus  |
| 24                                                                          | 11/24/2024       | 20580.14368            | 20414.931            | 36                     | Marcellus  |
| 25                                                                          | 11/24/2024       | 20379.48851            | 20214.2759           | 36                     | Marcellus  |
| 26                                                                          | 11/25/2024       | 20178.83333            | 20013.6207           | 36                     | Marcellus  |
| 27                                                                          | 11/25/2024       | 19978.17816            | 19812.9655           | 36                     | Marcellus  |
| 28                                                                          | 11/25/2024       | 19777.52299            | 19612.3103           | 36                     | Marcellus  |
| 29                                                                          | 11/26/2024       | 19576.86782            | 19411.6552           | 36                     | Marcellus  |
| 30                                                                          | 11/26/2024       | 19376.21264            | 19211                | 36                     | Marcellus  |
| 31                                                                          | 11/26/2024       | 19175.55747            | 19010.3448           | 36                     | Marcellus  |
| 32                                                                          | 11/26/2024       | 18974.9023             | 18809.6897           | 36                     | Marcellus  |
| 33                                                                          | 11/27/2024       | 18774.24713            | 18609.0345           | 36                     | Marcellus  |
| 34                                                                          | 11/27/2024       | 18573.59195            | 18408.3793           | 36                     | Marcellus  |
| 35                                                                          | 11/27/2024       | 18372.93678            | 18207.7241           | 36                     | Marcellus  |
| 36                                                                          | 11/28/2024       | 18172.28161            | 18007.069            | 36                     | Marcellus  |
| 37                                                                          | 11/28/2024       | 17971.62644            | 17806.4138           | 36                     | Marcellus  |
| 38                                                                          | 11/28/2024       | 17770.97126            | 17605.7586           | 36                     | Marcellus  |
| 39                                                                          | 11/29/2024       | 17570.31609            | 17405.1034           | 36                     | Marcellus  |
| 40                                                                          | 11/29/2024       | 17369.66092            | 17204.4483           | 36                     | Marcellus  |
| 41                                                                          | 11/29/2024       | 17169.00575            | 17003.7931           | 36                     | Marcellus  |
| 42                                                                          | 11/29/2024       | 16968.35057            | 16803.1379           | 36                     | Marcellus  |
| 43                                                                          | 11/30/2024       | 16767.6954             | 16602.4828           | 36                     | Marcellus  |
| 44                                                                          | 11/30/2024       | 16567.04023            | 16401.8276           | 36                     | Marcellus  |
| 45                                                                          | 11/30/2024       | 16366.38506            | 16201.1724           | 36                     | Marcellus  |
| 46                                                                          | 11/30/2024       | 16165.72989            | 16000.5172           | 36                     | Marcellus  |
| 47                                                                          | 12/1/2024        | 15965.07471            | 15799.8621           | 36                     | Marcellus  |
| 48                                                                          | 12/1/2024        | 15764.41954            | 15599.2069           | 36                     | Marcellus  |
| 49                                                                          | 12/1/2024        | 15563.76437            | 15398.5517           | 36                     | Marcellus  |
| 50                                                                          | 12/2/2024        | 15363.1092             | 15197.8966           | 36                     | Marcellus  |
| 51                                                                          | 12/2/2024        | 15162.45402            | 14997.2414           | 36                     | Marcellus  |
| 52                                                                          | 12/2/2024        | 14961.79885            | 14796.5862           | 36                     | Marcellus  |
| 53                                                                          | 12/3/2024        | 14761.14368            | 14595.931            | 36                     | Marcellus  |
| 54                                                                          | 12/3/2024        | 14560.48851            | 14395.2759           | 36                     | Marcellus  |
| 55                                                                          | 12/4/2024        | 14359.83333            | 14194.6207           | 36                     | Marcellus  |
| 56                                                                          | 12/4/2024        | 14159.17816            | 13993.9655           | 36                     | Marcellus  |
| 57                                                                          | 12/4/2024        | 13958.52299            | 13793.3103           | 36                     | Marcellus  |
| 58                                                                          | 12/5/2024        | 13757.86782            | 13592.6552           | 36                     | Marcellus  |
| 59                                                                          | 12/5/2024        | 13557.21264            | 13392                | 36                     | Marcellus  |
| 60                                                                          | 12/5/2024        | 13356.55747            | 13191.3448           | 36                     | Marcellus  |
| 61                                                                          | 12/6/2024        | 13155.9023             | 12990.6897           | 36                     | Marcellus  |
| 62                                                                          | 12/6/2024        | 12955.24713            | 12790.0345           | 36                     | Marcellus  |
| 63                                                                          | 12/6/2024        | 12754.59195            | 12589.3793           | 36                     | Marcellus  |
| 64                                                                          | 12/7/2024        | 12553.93678            | 12388.7241           | 36                     | Marcellus  |
| 65                                                                          | 12/7/2024        | 12353.28161            | 12188.069            | 36                     | Marcellus  |
| 66                                                                          | 12/7/2024        | 12152.62644            | 11987.4138           | 36                     | Marcellus  |
| 67                                                                          | 12/7/2024        | 11951.97126            | 11786.7586           | 36                     | Marcellus  |
| 68                                                                          | 12/8/2024        | 11751.31609            | 11586.1034           | 36                     | Marcellus  |
| 69                                                                          | 12/8/2024        | 11550.66092            | 11385.4483           | 36                     | Marcellus  |
| 70                                                                          | 12/8/2024        | 11350.00575            | 11184.7931           | 36                     | Marcellus  |
| 71                                                                          | 12/9/2024        | 11149.35057            | 10984.1379           | 36                     | Marcellus  |
| 72                                                                          | 12/9/2024        | 10948.6954             | 10783.4828           | 36                     | Marcellus  |
| 73                                                                          | 12/9/2024        | 10748.04023            | 10582.8276           | 36                     | Marcellus  |
| 74                                                                          | 12/9/2024        | 10547.38506            | 10382.1724           | 36                     | Marcellus  |
| 75                                                                          | 12/9/2024        | 10346.72989            | 10181.5172           | 36                     | Marcellus  |
| 76                                                                          | 12/10/2024       | 10146.07471            | 9980.86207           | 36                     | Marcellus  |
| 77                                                                          | 12/10/2024       | 9945.41954             | 9780.2069            | 36                     | Marcellus  |
| 78                                                                          | 12/10/2024       | 9744.764368            | 9579.55172           | 36                     | Marcellus  |
| 79                                                                          | 12/10/2024       | 9544.109195            | 9378.89655           | 36                     | Marcellus  |
| 80                                                                          | 12/11/2024       | 9343.454023            | 9178.24138           | 36                     | Marcellus  |
| 81                                                                          | 12/11/2024       | 9142.798851            | 8977.58621           | 36                     | Marcellus  |
| 82                                                                          | 12/11/2024       | 8942.143678            | 8776.93103           | 36                     | Marcellus  |
| 83                                                                          | 12/11/2024       | 8741.488506            | 8576.27586           | 36                     | Marcellus  |
| 84                                                                          | 12/11/2024       | 8540.833333            | 8375.62069           | 36                     | Marcellus  |
| 85                                                                          | 12/12/2024       | 8340.178161            | 8174.96552           | 36                     | Marcellus  |
| 86                                                                          | 12/12/2024       | 8139.522989            | 7974.31034           | 36                     | Marcellus  |
| 87                                                                          | 12/12/2024       | 7938.867816            | 7773.65517           | 36                     | Marcellus  |
| 88                                                                          | 12/12/2024       | 7738.212644            | 7573                 | 36                     | Marcellus  |

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| API 47-103-03055 Farm Name: Dallison Lumber Inc., Well Number: Harlan Unit 2H |                   |               |                              |                          |            |                          |                        |                                   |  |
|-------------------------------------------------------------------------------|-------------------|---------------|------------------------------|--------------------------|------------|--------------------------|------------------------|-----------------------------------|--|
| EXHIBIT 2                                                                     |                   |               |                              |                          |            |                          |                        |                                   |  |
| Stage No.                                                                     | Stimulations Date | Avg Pump Rate | Avg Treatment Pressure (PSI) | Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/ other (units) |  |
| 1                                                                             | 11/17/2024        | 77.42294      | 9845.674                     | 7326.74                  | 3902.406   | 107300                   | 4349.6429              | N/A                               |  |
| 2                                                                             | 11/17/2024        | 94.83741      | 10577.19                     | 6892.79                  | 4962       | 421720                   | 7105                   | N/A                               |  |
| 3                                                                             | 11/17/2024        | 92.0724       | 10629.68                     | 7106.59                  | 6231       | 415860                   | 7430.4524              | N/A                               |  |
| 4                                                                             | 11/18/2024        | 94.09608      | 10461.72                     | 6743.61                  | 4879       | 413560                   | 7285.4762              | N/A                               |  |
| 5                                                                             | 11/18/2024        | 95.3609       | 10479.76                     | 6504.53                  | 5135       | 424440                   | 7319.2619              | N/A                               |  |
| 6                                                                             | 11/19/2024        | 94.0235       | 10679.7                      | 6969.09                  | 5413       | 421880                   | 7153.9286              | N/A                               |  |
| 7                                                                             | 11/19/2024        | 94.40177      | 10496.47                     | 7276.85                  | 5063       | 421840                   | 7150.3571              | N/A                               |  |
| 8                                                                             | 11/19/2024        | 96.9384       | 10501.2                      | 6932.84                  | 5224       | 414380                   | 6940.6667              | N/A                               |  |
| 9                                                                             | 11/19/2024        | 97.18498      | 10548.25                     | 6946.83                  | 5142       | 418080                   | 7157.5238              | N/A                               |  |
| 10                                                                            | 11/20/2024        | 96.22006      | 10277.2                      | 6699.85                  | 5459.663   | 415980                   | 7080.7381              | N/A                               |  |
| 11                                                                            | 11/20/2024        | 97.37335      | 10048.5                      | 6224.3                   | 4835.316   | 395790                   | 6768.0714              | N/A                               |  |
| 12                                                                            | 11/20/2024        | 95.46368      | 10069.59                     | 6002.11                  | 4760.411   | 400500                   | 7112.6667              | N/A                               |  |
| 13                                                                            | 11/21/2024        | 97.46255      | 10392.43                     | 7379.63                  | 4777       | 399890                   | 7061.4762              | N/A                               |  |
| 14                                                                            | 11/21/2024        | 96.88072      | 10449.91                     | 7186.96                  | 4934.169   | 420680                   | 7226.619               | N/A                               |  |
| 15                                                                            | 11/21/2024        | 95.51812      | 10576.25                     | 7049.94                  | 4838.568   | 397390                   | 7083.6667              | N/A                               |  |
| 16                                                                            | 11/21/2024        | 94.85683      | 10157.85                     | 7337.85                  | 4273.127   | 399840                   | 8626.6429              | N/A                               |  |
| 17                                                                            | 11/22/2024        | 97.11404      | 10344.93                     | 7657.7                   | 4820       | 397250                   | 7174.0952              | N/A                               |  |
| 18                                                                            | 11/22/2024        | 89.84746      | 9737.315                     | 7303.93                  | 4692.487   | 419080                   | 8445.7143              | N/A                               |  |
| 19                                                                            | 11/22/2024        | 97.65944      | 10017.51                     | 6567.86                  | 5096.32    | 400790                   | 7141.2381              | N/A                               |  |
| 20                                                                            | 11/23/2024        | 97.00405      | 10062.81                     | 6924.7                   | 4970.85    | 398830                   | 7120.5                 | N/A                               |  |
| 21                                                                            | 11/23/2024        | 96.31819      | 10081.42                     | 7235.23                  | 5010.054   | 419000                   | 7132.1905              | N/A                               |  |
| 22                                                                            | 11/23/2024        | 97.23035      | 10047.74                     | 7359.85                  | 4647.247   | 399830                   | 7157.0714              | N/A                               |  |
| 23                                                                            | 11/24/2024        | 96.58632      | 10036.68                     | 7768.65                  | 4363.224   | 417640                   | 7372.6429              | N/A                               |  |
| 24                                                                            | 11/24/2024        | 98.12541      | 9947.184                     | 6210.22                  | 4769       | 401230                   | 6970.5476              | N/A                               |  |
| 25                                                                            | 11/24/2024        | 98.14936      | 10212.49                     | 7024.15                  | 5081.292   | 400920                   | 7071.5238              | N/A                               |  |
| 26                                                                            | 11/25/2024        | 97.69585      | 9890.315                     | 7228.43                  | 5009.203   | 397470                   | 7052.2381              | N/A                               |  |
| 27                                                                            | 11/25/2024        | 93.94199      | 9522.448                     | 7179.6                   | 4707.431   | 401060                   | 6984.9286              | N/A                               |  |
| 28                                                                            | 11/25/2024        | 97.87277      | 10060.56                     | 7059.46                  | 5008.292   | 396660                   | 6914.5238              | N/A                               |  |
| 29                                                                            | 11/26/2024        | 95.11329      | 9425.052                     | 6712.81                  | 4926       | 401540                   | 9114.619               | N/A                               |  |
| 30                                                                            | 11/26/2024        | 96.49523      | 10226.56                     | 6547.27                  | 5231       | 400070                   | 6998.9048              | N/A                               |  |
| 31                                                                            | 11/26/2024        | 96.87191      | 10285.36                     | 6982.93                  | 4817       | 399410                   | 7011.4048              | N/A                               |  |
| 32                                                                            | 11/26/2024        | 97.85681      | 10173.51                     | 6362.08                  | 4240.577   | 397870                   | 7997.1905              | N/A                               |  |
| 33                                                                            | 11/27/2024        | 97.58909      | 10194.92                     | 6523.18                  | 4343.057   | 400380                   | 7301.4762              | N/A                               |  |
| 34                                                                            | 11/27/2024        | 96.36036      | 10159.59                     | 6569.3                   | 4956       | 405800                   | 7058.5                 | N/A                               |  |
| 35                                                                            | 11/27/2024        | 97.4155       | 9905.741                     | 6631.96                  | 5090.973   | 399130                   | 7058.9286              | N/A                               |  |
| 36                                                                            | 11/28/2024        | 97.51735      | 10002.02                     | 6574.25                  | 4744.608   | 399900                   | 7116.0714              | N/A                               |  |
| 37                                                                            | 11/28/2024        | 97.32421      | 10077.64                     | 7094.11                  | 4615       | 401100                   | 7474.6905              | N/A                               |  |
| 38                                                                            | 11/28/2024        | 98.00513      | 9891.534                     | 6488.64                  | 4741.664   | 402830                   | 7088.6905              | N/A                               |  |
| 39                                                                            | 11/29/2024        | 97.64458      | 9884.7                       | 6696.9                   | 4779.137   | 401130                   | 7089.0238              | N/A                               |  |
| 40                                                                            | 11/29/2024        | 96.83116      | 10073.24                     | 6953.68                  | 4751       | 419120                   | 7120.3571              | N/A                               |  |
| 41                                                                            | 11/29/2024        | 83.88849      | 9557.637                     | 6778.23                  | 4658       | 413280                   | 7406.119               | N/A                               |  |
| 42                                                                            | 11/29/2024        | 97.64618      | 9999.489                     | 6856.7                   | 4709.238   | 417160                   | 7210.6905              | N/A                               |  |
| 43                                                                            | 11/30/2024        | 97.64823      | 9882.762                     | 6734.33                  | 4638.817   | 399870                   | 7043.1667              | N/A                               |  |
| 44                                                                            | 11/30/2024        | 97.295        | 10074.47                     | 7031.12                  | 4621       | 414620                   | 7115.381               | N/A                               |  |
| 45                                                                            | 11/30/2024        | 96.79659      | 9956.023                     | 7262.87                  | 4678       | 419420                   | 7133.8095              | N/A                               |  |
| 46                                                                            | 11/30/2024        | 98.17451      | 10115.49                     | 7164.13                  | 4791.064   | 399260                   | 6967.9286              | N/A                               |  |
| 47                                                                            | 12/1/2024         | 96.88791      | 9737.972                     | 5940.48                  | 4952       | 416080                   | 7187.1667              | N/A                               |  |
| 48                                                                            | 12/1/2024         | 92.96758      | 9765.976                     | 6961.22                  | 4952       | 420380                   | 8225.2857              | N/A                               |  |
| 49                                                                            | 12/1/2024         | 97.85608      | 9984.223                     | 7602.62                  | 4806.148   | 398610                   | 6984.119               | N/A                               |  |
| 50                                                                            | 12/2/2024         | 97.7099       | 9598.128                     | 6802.91                  | 4425.456   | 404840                   | 7046.2857              | N/A                               |  |
| 51                                                                            | 12/2/2024         | 97.28797      | 9606.203                     | 7163.03                  | 4679       | 402920                   | 6912.5952              | N/A                               |  |
| 52                                                                            | 12/2/2024         | 97.5216       | 9735.539                     | 6246.1                   | 4749.323   | 403600                   | 6973.7619              | N/A                               |  |
| 53                                                                            | 12/3/2024         | 97.07304      | 9707.832                     | 6908.78                  | 4484.298   | 418860                   | 7209.119               | N/A                               |  |
| 54                                                                            | 12/3/2024         | 96.52488      | 9869.592                     | 6765.13                  | 4503       | 401720                   | 6931.881               | N/A                               |  |
| 55                                                                            | 12/4/2024         | 97.61627      | 9527.822                     | 6452.67                  | 4547       | 410720                   | 7005.6905              | N/A                               |  |
| 56                                                                            | 12/4/2024         | 97.63729      | 9496.297                     | 6563.12                  | 4561       | 407560                   | 6965.0476              | N/A                               |  |
| 57                                                                            | 12/4/2024         | 76.54359      | 9259.273                     | 5830.44                  | 4186       | 462930                   | 11008.69               | N/A                               |  |
| 58                                                                            | 12/5/2024         | 91.39418      | 8737.334                     | 6334.3                   | 4993       | 398280                   | 6868.7143              | N/A                               |  |
| 59                                                                            | 12/5/2024         | 92.54024      | 9090.997                     | 6178.53                  | 4765       | 405760                   | 6988.7857              | N/A                               |  |
| 60                                                                            | 12/5/2024         | 89.4746       | 9008.374                     | 5765.36                  | 4320       | 400930                   | 7178.5714              | N/A                               |  |
| 61                                                                            | 12/6/2024         | 93.61963      | 8739.751                     | 6178.5                   | 4365       | 379320                   | 6566.4048              | N/A                               |  |
| 62                                                                            | 12/6/2024         | 96.43067      | 9058.247                     | 6244.85                  | 4495       | 415820                   | 7102.2381              | N/A                               |  |
| 63                                                                            | 12/6/2024         | 95.20512      | 8607.027                     | 7034.41                  | 4487       | 399170                   | 6780.0476              | N/A                               |  |
| 64                                                                            | 12/7/2024         | 96.68457      | 9030.191                     | 6651.83                  | 4457.168   | 397820                   | 6863                   | N/A                               |  |
| 65                                                                            | 12/7/2024         | 96.88952      | 9051.182                     | 7112.2                   | 4458       | 416940                   | 7076.1667              | N/A                               |  |
| 66                                                                            | 12/7/2024         | 96.23296      | 8813.317                     | 6861.12                  | 4652       | 400680                   | 6893.9048              | N/A                               |  |
| 67                                                                            | 12/7/2024         | 97.35319      | 9017.124                     | 7379.48                  | 4657       | 395150                   | 6733.2619              | N/A                               |  |
| 68                                                                            | 12/8/2024         | 97.58779      | 8479.608                     | 6112.82                  | 4894       | 394040                   | 6815.619               | N/A                               |  |
| 69                                                                            | 12/8/2024         | 96.74204      | 8803.148                     | 6708.98                  | 4512       | 399720                   | 6864.6667              | N/A                               |  |
| 70                                                                            | 12/8/2024         | 97.74524      | 8503.565                     | 7143.63                  | 4588       | 400540                   | 6887.881               | N/A                               |  |
| 71                                                                            | 12/9/2024         | 97.81686      | 8599.946                     | 6351.37                  | 4823       | 401320                   | 6721.5952              | N/A                               |  |
| 72                                                                            | 12/9/2024         | 97.20703      | 8781.179                     | 6919.23                  | 4700       | 398530                   | 6773.2619              | N/A                               |  |
| 73                                                                            | 12/9/2024         | 96.91485      | 8407.873                     | 6631.48                  | 4811       | 400480                   | 6822                   | N/A                               |  |
| 74                                                                            | 12/9/2024         | 96.39512      | 8339.918                     | 7041.22                  | 4625       | 398450                   | 6488.619               | N/A                               |  |
| 75                                                                            | 12/9/2024         | 99.32796      | 8675.472                     | 6497.85                  | 5159       | 397700                   | 6481.1905              | N/A                               |  |
| 76                                                                            | 12/10/2024        | 97.49613      | 8375.819                     | 6042.33                  | 4957.621   | 398900                   | 6626.119               | N/A                               |  |
| 77                                                                            | 12/10/2024        | 97.66718      | 8186.895                     | 6444.25                  | 4479.497   | 416320                   | 6671.119               | N/A                               |  |
| 78                                                                            | 12/10/2024        | 97.49746      | 8045.751                     | 6183.18                  | 4747       | 414160                   | 7060.2619              | N/A                               |  |
| 79                                                                            | 12/10/2024        | 98.26404      | 8244.629                     | 6115.32                  | 5001       | 401160                   | 6482.7381              | N/A                               |  |
| 80                                                                            | 12/11/2024        | 97.82775      | 8161.279                     | 6408.73                  | 4960       | 394850                   | 6601.9524              | N/A                               |  |
| 81                                                                            | 12/11/2024        | 98.75561      | 7913.462                     | 5836.18                  | 4667       | 414760                   | 7097.9524              | N/A                               |  |
| 82                                                                            | 12/11/2024        | 97.87554      | 7790.798                     | 6112.37                  | 4716.103   | 398250                   | 6649.9286              | N/A                               |  |
| 83                                                                            | 12/11/2024        | 98.21735      | 8267.263                     | 6879.02                  | 4450       | 415700                   | 6749.6429              | N/A                               |  |
| 84                                                                            | 12/11/2024        | 91.47228      | 8985.719                     | 6218.41                  | 4687       | 399420                   | 9054.9524              | N/A                               |  |
| 85                                                                            | 12/12/2024        | 98.5166       | 8220.978                     | 7156.51                  | 4609       | 419700                   | 6827.7857              | N/A                               |  |
| 86                                                                            | 12/12/2024        | 98.21398      | 7759.222                     | 6585.12                  | 4260       | 416400                   | 6747.0952              | N/A                               |  |
| 87                                                                            | 12/12/2024        | 97.71605      | 7524.873                     | 6868.26                  | 4638.897   | 413420                   | 6808.4286              | N/A                               |  |
| 88                                                                            | 11/17/2024        | 97.16155      | 8211.193                     | 6449.3451                | 4554.511   | 411073.7129              | 6992.3499              | N/A                               |  |
| AVERAGE                                                                       |                   | 95.9          | 9,497                        | 6,747                    | 4,768      | 35,493,764               | 626,422                | 0                                 |  |

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**EXHIBIT 3**

| LITHOLOGY/ FORMATION          | TOP DEPTH (TVD)<br>From Surface | BOTTOM DEPTH (TVD)<br>From Surface | TOP DEPTH (MD)<br>From Surface | BOTTOM DEPTH (MD)<br>From Surface |
|-------------------------------|---------------------------------|------------------------------------|--------------------------------|-----------------------------------|
| Sandstone                     | 370                             | 570                                | 370                            | 570                               |
| Sandstone, scat MICA          | 570                             | 670                                | 570                            | 670                               |
| Sandstone                     | 670                             | 970                                | 670                            | 970                               |
| Limestone, rr SS, tr coal     | 870                             | 1,020                              | 870                            | 1,020                             |
| Sandstone, tr LS              | 970                             | 1,020                              | 970                            | 1,020                             |
| Sandy Siltstone, tr LS        | 1,020                           | 1,320                              | 1,020                          | 1,320                             |
| Silty Sandstone, tr Coal      | 1,320                           | 1,520                              | 1,320                          | 1,520                             |
| Sandstone, rr SLTST           | 1,520                           | 1,670                              | 1,520                          | 1,670                             |
| Silty Sandstone, occ Coal     | 1,670                           | 1,770                              | 1,670                          | 1,770                             |
| Sandstone, com SLTST, tr mica | 1,770                           | 1,920                              | 1,770                          | 1,920                             |
| Sandstone, occ SLTST          | 1,920                           | 1,970                              | 1,920                          | 1,970                             |
| Silty Sandstone               | 1,970                           | 2,070                              | 1,970                          | 2,070                             |
| Silty Sandstone, tr Coal      | 2,070                           | 2,120                              | 2,070                          | 2,120                             |
| Siltstone                     | 2,120                           | 2,170                              | 2,120                          | 2,170                             |
| Siltstone, tr LS              | 2,170                           | 2,075                              | 2,170                          | 2,116                             |
| Big Lime                      | 2,105                           | 2,904                              | 2,116                          | 2,976                             |
| Fifty Foot Sandstone          | 2,904                           | 2,977                              | 2,946                          | 3,052                             |
| Gordon                        | 2,977                           | 3,208                              | 3,022                          | 3,290                             |
| Fifth Sandstone               | 3,208                           | 3,540                              | 3,260                          | 3,631                             |
| Bayard                        | 3,540                           | 3,958                              | 3,601                          | 4,062                             |
| Speechley                     | 3,958                           | 4,096                              | 4,032                          | 4,205                             |
| Balltown                      | 4,096                           | 4,562                              | 4,175                          | 4,689                             |
| Bradford                      | 4,562                           | 5,156                              | 4,659                          | 5,302                             |
| Benson                        | 5,156                           | 5,607                              | 5,272                          | 5,772                             |
| Alexander                     | 5,607                           | 6,833                              | 5,742                          | 7,078                             |
| Sycamore                      | 6,670                           | 6,803                              | 6,882                          | 7,048                             |
| Middlesex                     | 6,803                           | 6,901                              | 7,048                          | 7,197                             |
| Burkett                       | 6,901                           | 6,934                              | 7,197                          | 7,258                             |
| Tully                         | 6,934                           | 7,030                              | 7,258                          | 7,521                             |
| Marcellus                     | 7,030                           | NA                                 | 7,521                          | NA                                |

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## Hydraulic Fracturing Fluid Product Component Information Disclosure

|                                 |                              |
|---------------------------------|------------------------------|
| Job Start Date:                 | 11/17/2024                   |
| Job End Date:                   | 12/12/2024                   |
| State:                          | West Virginia                |
| County:                         | Wetzel                       |
| API Number:                     | 47-103-03655-00-00           |
| Operator Name:                  | Antero Resources Corporation |
| Well Name and Number:           | HARLAN Unit 2H               |
| Latitude:                       | 39.577133                    |
| Longitude:                      | -80.695308                   |
| Datum:                          | WGS84                        |
| Federal Well:                   | NO                           |
| Indian Well:                    | NO                           |
| True Vertical Depth:            | 7132                         |
| Total Base Water Volume (gal)*: | 27755809                     |
| Total Base Non Water Volume:    | 0                            |



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

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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 |
|------------------------------------|-------------|--------------------------|-------------|------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------|
| Excelerate LX-21                   | Halliburton | Friction Reducer         |             |                                          |                                                            |                                                            |          |
| FDP-S1470-23                       | Halliburton | Friction Reducer         |             |                                          |                                                            |                                                            |          |
| FDP-S1483-23                       | Halliburton | Friction Reducer         |             |                                          |                                                            |                                                            |          |
| HAI-501                            | Halliburton | Acid Corrosion Inhibitor |             |                                          |                                                            |                                                            |          |
| HYDROCHLORIC ACID, 28%             | 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               |             |                                          |                                                            |                                                            |          |

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|                                                                          |             |                  |                                                                                                       |             |           |          |      |
|--------------------------------------------------------------------------|-------------|------------------|-------------------------------------------------------------------------------------------------------|-------------|-----------|----------|------|
| Sand-Common<br>White-100 Mesh,<br>SSA-2                                  | Halliburton | Proppant         |                                                                                                       |             |           |          |      |
| WG-36 GELLING<br>AGENT                                                   | Halliburton | Gelling<br>Agent |                                                                                                       |             |           |          |      |
| Items above are Trade Names. Items below are the individual ingredients. |             |                  |                                                                                                       |             |           |          |      |
|                                                                          |             |                  | Water                                                                                                 | 7732-18-5   | 100.00000 | 87.10355 | None |
|                                                                          |             |                  | Crystalline silica, quartz                                                                            | 14808-60-7  | 100.00000 | 12.66003 | None |
|                                                                          |             |                  | Water                                                                                                 | 7732-18-5   | 100.00000 | 0.19738  | None |
|                                                                          |             |                  | Hydrochloric acid                                                                                     | 7647-01-0   | 30.00000  | 0.04851  | None |
|                                                                          |             |                  | Complex amine compound                                                                                | Proprietary | 60.00000  | 0.02078  | None |
|                                                                          |             |                  | Ethanaminium, N,N,N-trimethyl-2-(1-oxo-2-propen-1-yl)oxy-, chloride (1:1), polymer with 2-propenamide | 69418-26-4  | 60.00000  | 0.01332  | None |
|                                                                          |             |                  | Hydrotreated distillate                                                                               | Proprietary | 100.00000 | 0.01155  | None |
|                                                                          |             |                  | Hydrotreated light petroleum distillates                                                              | 64742-47-8  | 30.00000  | 0.00666  | None |
|                                                                          |             |                  | Guar gum                                                                                              | 9000-30-0   | 100.00000 | 0.00521  | None |
|                                                                          |             |                  | Ammonium chloride                                                                                     | 12125-02-9  | 5.00000   | 0.00284  | None |
|                                                                          |             |                  | Glutaraldehyde                                                                                        | 111-30-8    | 30.00000  | 0.00255  | None |
|                                                                          |             |                  | Complex Amine Compound                                                                                | Proprietary | 60.00000  | 0.00232  | None |
|                                                                          |             |                  | Ethoxylated alcohol                                                                                   | Proprietary | 5.00000   | 0.00192  | None |
|                                                                          |             |                  | Fatty nitrogen derived amides                                                                         | Proprietary | 5.00000   | 0.00173  | None |
|                                                                          |             |                  | Amides, tall-oil fatty, N,N-bis(hydroxyethyl)                                                         | 68155-20-4  | 5.00000   | 0.00111  | None |
|                                                                          |             |                  | Ethoxylated branched C13 alcohol                                                                      | 78330-21-9  | 5.00000   | 0.00111  | None |
|                                                                          |             |                  | Sorbitan monooleate polyoxyethylene derivative                                                        | 9005-65-6   | 1.00000   | 0.00057  | None |
|                                                                          |             |                  | Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides                                 | 68424-85-1  | 5.00000   | 0.00042  | None |
|                                                                          |             |                  | Sodium chloride                                                                                       | 7647-14-5   | 10.00000  | 0.00039  | None |
|                                                                          |             |                  | Sorbitan, mono-9-octadecenoate, (Z)                                                                   | 1338-43-8   | 1.00000   | 0.00035  | None |
|                                                                          |             |                  | Methanol                                                                                              | 67-56-1     | 100.00000 | 0.00024  | None |
|                                                                          |             |                  | Sorbitan, mono-9-octadecenoate, (Z)                                                                   | 1338-43-8   | 1.00000   | 0.00022  | None |
|                                                                          |             |                  | Amide                                                                                                 | Proprietary | 5.00000   | 0.00019  | None |
|                                                                          |             |                  | Ammonium persulfate                                                                                   | 7727-54-0   | 100.00000 | 0.00011  | None |
|                                                                          |             |                  | Citric acid                                                                                           | 77-92-9     | 1.00000   | 0.00008  | None |
|                                                                          |             |                  | Mixture of dimer and trimer fatty acids of indefinite                                                 | 61790-12-3  | 30.00000  | 0.00007  | None |

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|  |  |  |                                                   |             |          |         |      |
|--|--|--|---------------------------------------------------|-------------|----------|---------|------|
|  |  |  | composition derived from tall oil                 |             |          |         |      |
|  |  |  | Modified thiourea polymer                         | Proprietary | 30.00000 | 0.00007 | None |
|  |  |  | Inorganic salt                                    | Proprietary | 1.00000  | 0.00004 | None |
|  |  |  | Ethoxylated fatty acid                            | Proprietary | 1.00000  | 0.00004 | None |
|  |  |  | Oxylated phenolic resin                           | Proprietary | 30.00000 | 0.00003 | 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 |
|  |  |  | Diethanolamine                                    | 111-42-2    | 0.10000  | 0.00000 | None |
|  |  |  | Methyl ester                                      | Proprietary | 0.10000  | 0.00000 | None |
|  |  |  | C.I. pigment Orange 5                             | 3468-63-1   | 1.00000  | 0.00000 | None |
|  |  |  | Oleic acids                                       | 112-80-1    | 0.01000  | 0.00000 | None |
|  |  |  | 1,4-Dioxane                                       | 123-91-1    | 0.01000  | 0.00000 | None |
|  |  |  | Sodium hydroxide                                  | 1310-73-2   | 0.01000  | 0.00000 | None |
|  |  |  | Ethylenediaminetetraacetic acid, tetrasodium salt | 64-02-8     | 0.01000  | 0.00000 | None |
|  |  |  | Nitrated acetate salt                             | Proprietary | 0.01000  | 0.00000 | None |

\* 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)

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Denver, CO 80202

**Notes:**  
Well No. Harlan Unit 2H  
As-Drilled POE Coordinates  
WV Coordinate System  
of 1927, North Zone  
N: 395,108.92"  
E: 1,664,367.79"  
Latitude: 39°34'43.31"  
Longitude: 80°41'26.80"  
UTM Zone 17, NAD 1983  
N: 4,381,053.096m  
E: 526,572.217m

Wellhead Layout (NTS)

*Cobb Unit 1H*  
(47-103-03657)

*Walshin Unit 1H*  
(47-103-03650)

*Pine Unit 1H*  
(47-103-03648)

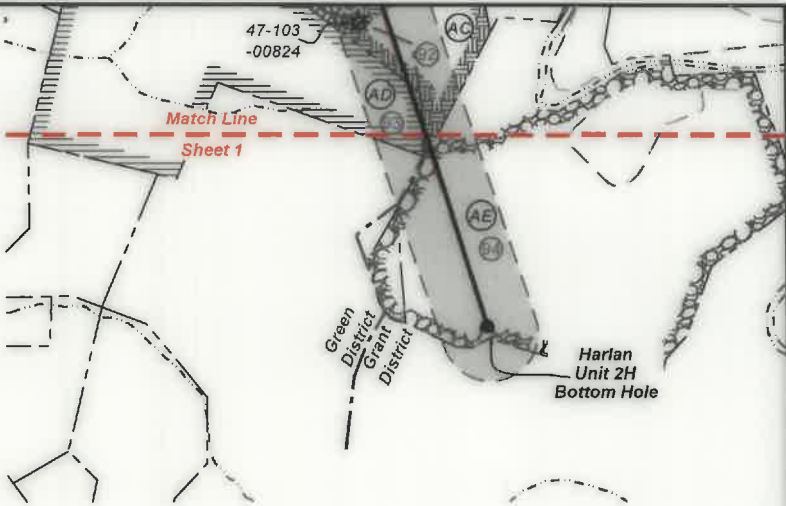
*Pine Unit 2H*  
(47-103-03649)

*Harlan Unit 1H*  
(47-103-03654)

**As-Drilled Well**  
**Harlan Unit 2H**  
(47-103-03655)

*Teocalli Unit 1H*  
(47-103-03659)

*Shenango Unit 1H*  
(47-103-03658)



| Leases |                                  |
|--------|----------------------------------|
| 1      | BRC Appalachian Minerals I, LLC  |
| 2      | Antero Minerals, LLC             |
| 3      | Robert Barry Myers, Jr.          |
| 4      | Robert Barry Myers, Jr.          |
| 5      | Aunix Energy, LLC                |
| 6      | Antero Minerals, LLC             |
| 7      | Freeda Marie Brown               |
| 8      | Jay Michael Myers                |
| 10     | William J. Patterson             |
| 11     | David E. Bowyer                  |
| 12     | T.H. Alley, et ux                |
| 17     | Town of Pine Grove               |
| 18     | Darlene M. Sargent               |
| 20     | WVDNR                            |
| 23     | Antero Minerals, LLC             |
| 24     | Dennis Perry & Kendra Lea Lydick |
| 41     | CSX Transportation               |
| 42     | Keith Eugene Rush                |
| 51     | Danny J. & Floriene G. Dulaney   |
| 52     | David B. & Gabrielle B. Palmer   |
| 58     | Antero Minerals, LLC             |
| 85     | Chesapeake Appalachia, LLC       |
| 88     | H3, LLC                          |
| 89     | Kimble White, et al              |
| 91     | A. J. Witchterman, et al         |
| 92     | Blackrock Enterprises, LLC       |
| 93     | Ridgetop Appalachia, LLC         |
| 94     | EQT Production Company           |

| ID | TM-Par  | Owner                                            | Bk/Pg    | Acres  |
|----|---------|--------------------------------------------------|----------|--------|
| A  | 14-9    | Dallison Lumber, Inc.                            | 474/290  | 25.00  |
| B  | 14-10   | Sandra Jane Fortney                              | 446/700  | 61.78  |
| C  | 14-12   | Freeda M. Brown                                  | WB79/104 | 70.06  |
| D  | 14-13   | Freeda M. Brown                                  | WB79/104 | 6.20   |
| E  | 14-11   | Freeda M. Brown                                  | WB79/104 | 8.00   |
| F  | 14-15   | Freeda M. Brown                                  | WB79/104 | 33.00  |
| G  | 14-32   | Community Sportsman Club                         | 176/370  | 79.52  |
| H  | 14-33.4 | Ronnie Lee & Debra Lee Robinson                  | 315/252  | 16.40  |
| I  | 14-33.5 | Ronnie Lee & Debra Lee Robinson                  | 315/134  | 8.10   |
| J  | 14-40   | Larry D. & Melinda J. Kinkade                    | 285/577  | 25.63  |
| K  | 2-15.1  | Charles E. III & Cindy Roberts                   | 369/55   | 0.31   |
| L  | 2-15    | Charles E. III & Cindy Roberts                   | 420/317  | 0.11   |
| M  | 2-19.1  | Larry D. & Melinda J. Kinkade                    | 330/241  | 0.01   |
| N  | 2-16    | Larry D. & Melinda J. Kinkade                    | 330/241  | 0.03   |
| O  | 2-18    | Larry D. & Melinda J. Kinkade                    | 330/241  | 0.04   |
| P  | 2-21    | Jennifer L. Martie                               | MS84/361 | 0.11   |
| Q  | 2-17    | Richard D. Miller, Jr.                           | 448/308  | 0.12   |
| R  | 2-44    | Town of Pine Grove                               | 405/714  | 0.24   |
| S  | 2-43    | Larry D. Blake & Robert E. Sovil                 | 387/487  | 0.58   |
| T  | 3-2     | DPL Enterprises, LLC                             | 446/374  | 0.17   |
| U  | 3-1.1   | John B. & Kathy Watson                           | 367/34   | 0.22   |
| V  | 3-2.1   | DPL Enterprises, LLC                             | 446/374  | 0.16   |
| W  | 3-28    | David B. & Gabrielle B. Palmer                   | 369/531  | 1.57   |
| X  | 11-74   | James L. & Karen J. Dulaney                      | 485/19   | 18.41  |
| Y  | 16-2    | Robert D. & Nancy L. Streets                     | 219/100  | 33.70  |
| Z  | 16-8    | Dominion Gathering & Processing, Inc.            | 460/781  | 572.05 |
| AA | 16-41   | Consolidated Gas Transmission Corp.              | 302/113  | 25.00  |
| AB | 16-42   | Timothy & Michael McDiffitt                      | 385/193  | 14.16  |
| AC | 16-43   | Timothy & Michael McDiffitt                      | 385/193  | 54.00  |
| AD | 18-10   | Paul U. & Betty A. Garber Revocable Living Trust | 474/722  | 150.00 |
| AE | 21-4.1  | Eureka Hunter Land, LLC                          | 431/771  | 258.75 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                       |                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| FILE NO: 124-34-G-18<br>DRAWING NO: Harlan 2H As-Drilled<br>SCALE: 1" = 2000'<br>MINIMUM DEGREE OF ACCURACY: Submeter<br>PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <div>STATE OF WEST VIRGINIA<br/>DEPARTMENT OF ENVIRONMENTAL PROTECTION<br/>OIL AND GAS DIVISION</div> | DATE: April 7 20 25<br>OPERATOR'S WELL NO. Harlan 2H<br>API WELL NO<br>47 - 103 - 03655<br>STATE COUNTY PERMIT |
| WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL<br>(IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW<br>LOCATION: ELEVATION: As-Built 1,160.7' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove<br>DISTRICT: Green, Grant, Pine Grove Corp. COUNTY: Wetzel<br>SURFACE OWNER: Dallison Lumber Inc. ACREAGE: 25<br>ROYALTY OWNER: Robert Barry Myers, Jr. LEASE NO: ACREAGE: 25<br>PROPOSED WORK: <input type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION<br><input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,131' TVD<br><input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,170' MD |                                                                                                       |                                                                                                                |
| WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Conrad Baston<br>ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.<br>Denver, CO 80202 Bridgeport, WV 26330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                       |                                                                                                                |



FILE NO: 124-34-G-18  
DRAWING NO: Harlan 2H As-Drilled  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
WVDOT, Harrisville, WV

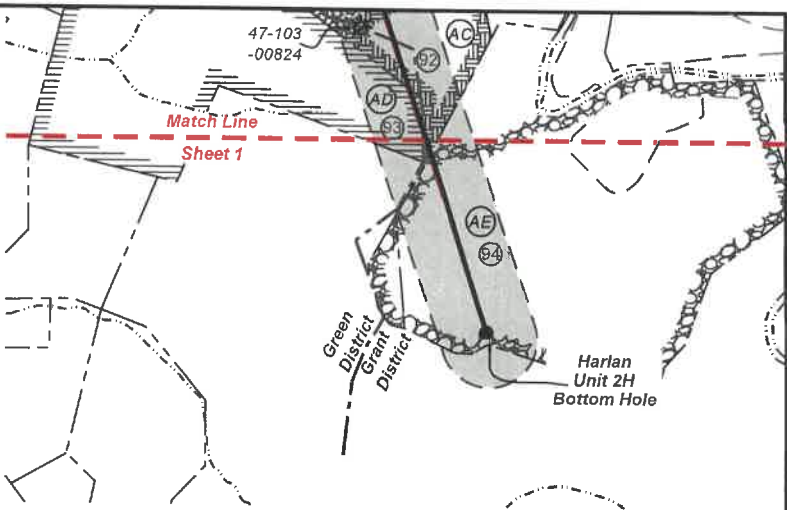
STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

DATE: April 7 20 25  
OPERATOR'S WELL NO. Harlan 2H  
API WELL NO  
47 - 103 - 03655  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION: ELEVATION: As-Built 1,160.7' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove  
DISTRICT: Green, Grant, Pine Grove Corp. COUNTY: Wetzel  
SURFACE OWNER: Dallison Lumber Inc. ACREAGE: 25  
ROYALTY OWNER: Robert Barry Myers, Jr. LEASE NO: \_\_\_\_\_ ACREAGE: 25  
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,131' TVD  
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,170' 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





| Leases |                                  |
|--------|----------------------------------|
| 1      | BRC Appalachian Minerals I, LLC  |
| 2      | Antero Minerals, LLC             |
| 3      | Robert Barry Myers, Jr.          |
| 4      | Robert Barry Myers, Jr.          |
| 5      | Aunix Energy, LLC                |
| 6      | Antero Minerals, LLC             |
| 7      | Freeda Marie Brown               |
| 8      | Jay Michael Myers                |
| 10     | William J. Patterson             |
| 11     | David E. Bowyer                  |
| 12     | T.H. Alley, et ux                |
| 17     | Town of Pine Grove               |
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| L  | 2-15    | Charles E. III & Cindy Roberts                   | 420/317  | 0.11   |
| M  | 2-19.1  | Larry D. & Melinda J. Kinkade                    | 330/241  | 0.01   |
| N  | 2-16    | Larry D. & Melinda J. Kinkade                    | 330/241  | 0.03   |
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| R  | 2-44    | Town of Pine Grove                               | 405/714  | 0.24   |
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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

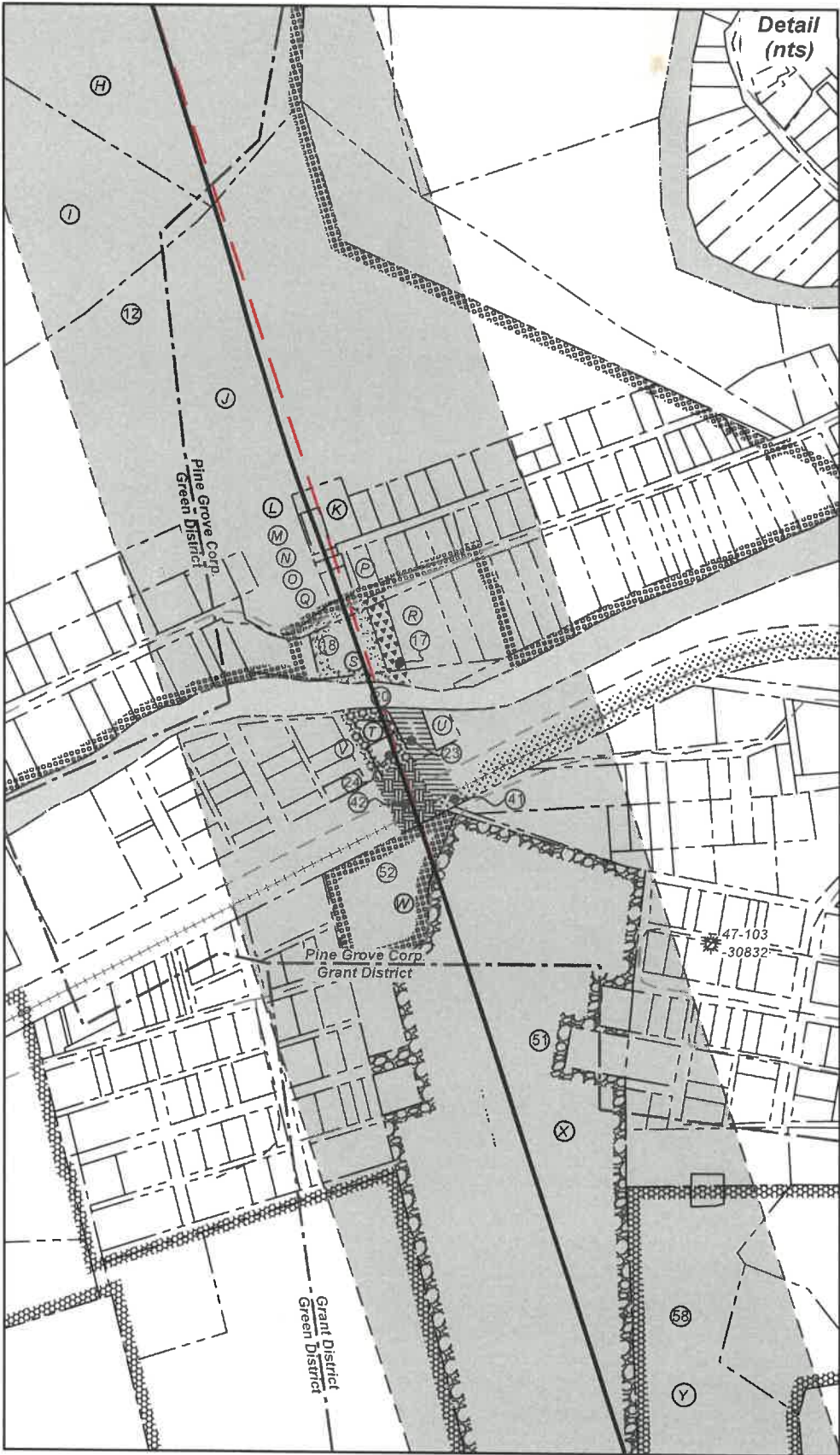
DATE: April 7 2025  
OPERATOR'S WELL NO. Harlan 2H  
API WELL NO  
47 - 103 - 03655  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
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PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
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Denver, CO 80202 Bridgeport, WV 26330



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MINIMUM DEGREE OF ACCURACY:  
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STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
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