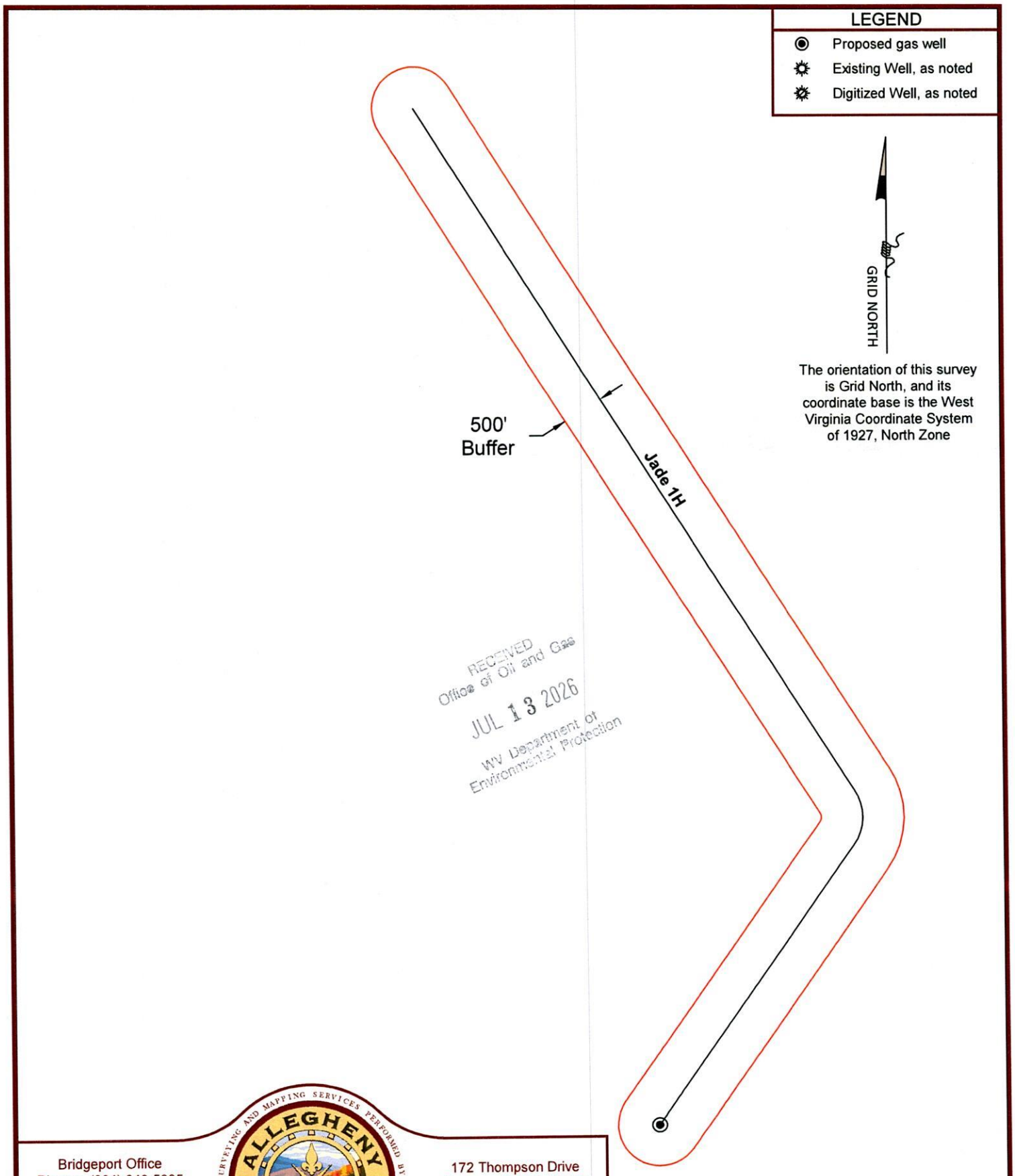



Bridgeport Office
Phone: (304) 848-5035
Fax: (304) 848-5037

172 Thompson Drive
Bridgeport, WV 26330

| | | | |
|---|---|---|---|
| PARTY CHIEF: | C. Lynch | DRAWN BY: | C. Robinson |
| RESEARCH: | J. Miller | PREPARED: | May 20, 2026 |
| SURVEYED: | Dec. 2016 | PROJECT NO: | 348-34-M-24 |
| FIELD CREW: | C.L., K.M. | DRAWING NO: | Jade 1H BHL AOR |

Sheet 1 of 1

07/24/2026

**Antero Resources**
**Well No. Jade 1H**
**BHL_MOD**
**Antero Resources Corporation**



11,334' to Top Hole

2,659' to Bottom Hole

TOP LATITUDE 39 - 37 - 30
BTM LATITUDE 39 - 37 - 30
TOP LONGITUDE 80 - 50 - 00
BTM LONGITUDE 80 - 52 - 30

2,074' to Bottom Hole

14,320' to Top Hole

Jade 1H Unit Bottom Hole

Detail A

Detail B

Bottom Hole 7.5' Spot

Top Hole 7.5' Spot

500' Buffer

500' Buffer

POE L5

Con. R/W Marker

Proposed Well No. Jade Unit 1H

Marked Stone

Marked Stone

5/8" Rebar w/ cap

Wetzel County

Tyler County

N 32°34' W 9,796.6'

N 56°18' E 15.0'

## Legend

- Proposed gas well
- Found corner, as noted
- Existing Well, as noted
- Digitized Well
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- County Line (approx.)

## Wellhead Layout (NTS)

- ***Proposed Well No.Jade Unit 1H (API#47-095-02966)***
- *Mullett Unit 2H (API#47-095-02969)*
- *Mullett Unit 1H (API#47-095-02968)*
- *Dutch Unit 2H (API#47-095-02965)*
- *Dutch Unit 1H (API#47-095-02964)*

***Proposed Well No. Jade Unit 1H***

2,000'

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.

**Notes:**
Well No. Jade Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,375,208.68'
E: 1,676,043.49'
Point of Entry Coordinates
N: 14,379,283.11'
E: 1,678,369.22'
Bottom Hole Coordinates
N: 14,387,446.62'
E: 1,672,959.50'

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

BRADLEY D. MILLER LICENSED No. 2167 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

SEAL

**Notes**
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Jade Unit 1H Top Hole coordinates are
N: 398,388.99' Latitude: 39°35'08.47"
E: 1,612,894.69' Longitude: 80°52'24.78"
Bottom Hole coordinates are
N: 410,680.89' Latitude: 39°37'09.51"
E: 1,610,014.47' Longitude: 80°53'03.98"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,381,790.173m E: 510,873.838m
Bottom Hole Coordinates N: 4,385,520.315m E: 509,933.949m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

**Well Location References**
Not To Scale
Stake & Tack
AZ95° 478'
Proposed Well No. Jade Unit 1H
Eller Pad
AZ327° 401'
Stake & Tack

| | Bearing | Dist. |
|---|---|---|
| L1 | N 39°22' W | 4,218.3' |
| L2 | N 26°12' E | 2,348.6' |
| L3 | N 58°45' E | 2,762.6' |
| L4 | S 44°52' E | 4,617.4' |
| L5 | N 30°40' E | 4,693.1' |

FILE NO: 348-34-M-24
DRAWING NO: Jade 1H Well Plat
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 8 2026
OPERATOR'S WELL NO. Jade 1H

API WELL NO
47 — 095 — 02966
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Proposed Elev: 1,254' Existing Elev: 1,274'
WATERSHED: Outlet Middle Island Creek
QUADRANGLE: Porters Falls
DISTRICT: Ellsworth
COUNTY: Tyler / Wetzel
SURFACE OWNER: Steven D. & Brenda M. Higgins
ACREAGE: 163.34
ROYALTY OWNER: Beverly Kay Campbell
LEASE NO: _____ ACREAGE: 164.28125
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL-MOD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG
TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,100' TVD 22,350' MD

07/24/2026

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

## Detail A (1" = 400')




FILE NO: 348-34-M-24
DRAWING NO: Jade 1H Well Plat
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 8 2026
OPERATOR'S WELL NO. Jade 1H

API WELL NO
47 — 095 — 02966
STATE COUNTY PERMIT

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

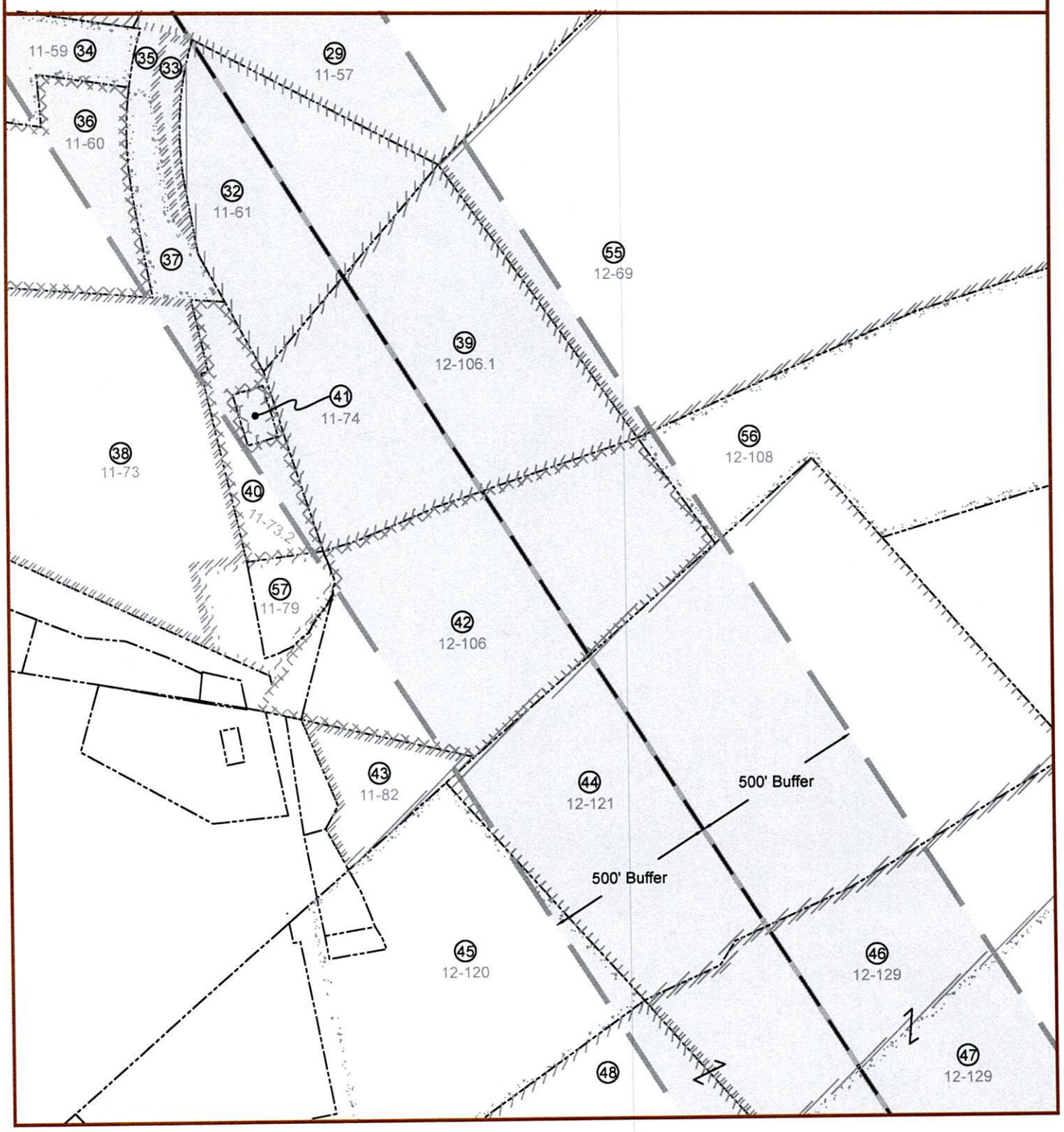
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QUADRANGLE: Porters Falls
DISTRICT: Ellsworth
COUNTY: Tyler / Wetzel
ACREAGE: 163.34
SURFACE OWNER: Steven D. & Brenda M. Higgins
ROYALTY OWNER: Beverly Kay Campbell LEASE NO: _____ ACREAGE: 164.28125
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL-MOD
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,100' TVD 22,350' MD

07/24/2026

WELL OPERATOR: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

DESIGNATED AGENT: Conrad Baston
ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330

## Detail B (1" = 400')




FILE NO: 348-34-M-24
DRAWING NO: Jade 1H Well Plat
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 8 2026
OPERATOR'S WELL NO. Jade 1H
API WELL NO
47 — 095 — 02966
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Proposed Elev: 1,254' Existing Elev: 1,274' WATERSHED: Outlet Middle Island Creek
QUADRANGLE: Porters Falls
DISTRICT: Ellsworth
COUNTY: Tyler / Wetzel
ACREAGE: 163.34
SURFACE OWNER: Steven D. & Brenda M. Higgins
ROYALTY OWNER: Beverly Kay Campbell
LEASE NO: _____ ACREAGE: 164.28125
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☒ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
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☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,100' TVD 22,350' MD

07/24/2026

WELL OPERATOR: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

DESIGNATED AGENT: Conrad Baston
ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330

**Antero Resources**
**Well No. Jade 1H**
**BHL_MOD**
***Antero Resources Corporation***



| Leases | |
|---|---|
| Tract 1 | WVDNR |
| Tract 2 | Venable Royalty, Limited, et al |
| Tract 3 | Mark M. Mullett |
| Tract 5 | Venable Royalty, Limited, et al |
| Tract 6 | Venable Royalty, Limited, et al |
| Tract 7 | Venable Royalty, Limited, et al |
| Tract 11 | JVO, LLC |
| Tract 12 | JVO, LLC |
| Tract 13 | Venable Royalty, Limited, et al |
| Tract 14 | JVO, LLC |
| Tract 16 | JVO, LLC |
| Tract 17 | Venable Royalty, Limited, et al |
| Tract 18 | Venable Royalty, Limited, et al |
| Tract 19 | Venable Royalty, Limited, et al |
| Tract 20 | Venable Royalty, Limited, et al |
| Tract 25 | Venable Royalty, Limited, et al |
| Tract 26 | Venable Royalty, Limited, et al |
| Tract 27 | Venable Royalty, Limited, et al |
| Tract 28 | Brenda Joy Cagie |
| Tract 29 | Will E. Morris Heirs Trust |
| Tract 30 | Will E. Morris Heirs Trust |
| Tract 31 | Will E. Morris Heirs Trust |
| Tract 32 | William H. Angus, Jr. |
| Tract 33 | West Virginia Department of Transportation, Division of Highways |
| Tract 34 | Mark M. Sands & Patricia A. Sands, H/W, JTWROS |
| Tract 35 | West Virginia Department of Transportation, Division of Highways |
| Tract 36 | Douglas E. McAdams & Barbara Diane McAdams, H/W, JTWROS |
| Tract 37 | West Virginia Department of Transportation, Division of Highways |
| Tract 38 | Clyde Bert Snider |
| Tract 39 | Timothy R. Pennell & Tamera Pennell |
| Tract 40 | Floyd E. Lewis, Jr. |
| Tract 41 | Myra Hart |
| Tract 42 | Margaret Sine |
| Tract 43 | Amy L. Olson |
| Tract 44 | Chesapeake Appalachia, LLC |
| Tract 45 | Chesapeake Appalachia, LLC |
| Tract 46 | Chesapeake Appalachia, LLC |
| Tract 47 | M.B. Investments |
| Tract 48 | Chesapeake Appalachia, LLC |
| Tract 49 | BRC Appalachian Minerals I, LLC |
| Tract 50 | Lackawanna Transportation Company |
| Tract 51 | M.B. Investments |
| Tract 52 | 5 Star JV II |
| Tract 53 | BRC Appalachian Minerals I, LLC |
| Tract 54 | Antero Mineral, LLC |
| Tract 57 | Rebecca S. Hunter |
| Tract 58 | Matthew S. Cecil |
| Tract 59 | Donald R. Reynolds |
| Tract 60 | M.B. Investments, a West Virginia Partnership |
| Tract 61 | M.B. Investments, a West Virginia Partnership |
| Tract 62 | Ridgetop Royalties, LLC |
| Tract 63 | Cider Run Mineral Holdings, LLC |
| Tract 64 | Ridgetop Royalties, LLC |
| Tract 65 | Michael Stillwagner |
| Tract 66 | Robert D. Wetzel |
| Tract 67 | Beverly Kay Campbel |
| Tract 68 | David W. Miller, et al |

| TM - Par | Owner | Bk/Pg | Acres |
|---|---|---|---|
| **Wetzel County** | | | |
| 11A-1 | Amy J. Phillips | WB120/502 | 0.25 |
| 11A-2 | Mark Douglass Partridge | 474/464 | 0.22 |
| 11A-3 | West Virginia Department of Highways | 305/418 | 0.12 |
| 11A-4 | West Virginia Department of Highways | 294/119 | 0.57 |
| 11A-11 | Randy W. & Nancy W. Higgins | 427/891 | 0.21 |
| 11A-12 | Donald P. & Christy McGinnis | 392/156 | 0.21 |
| 11A-13 | Eric L. & Tammy R. Waggoner | 431/98 | 0.40 |
| 11A-14 | Eric L. & Tammy R. Waggoner | 431/98 | 0.26 |
| 11-17 | Michael L. Mullett | 403/60 | 12.00 |
| 11-18 | Lisa Straight | A115/10 | 5.00 |
| 11-28 | J&T Paving & Excavating Inc. | 404/64 | 1.25 |
| 11-29 | Aaron Wilson & Sandra Anderson | 453/794 | 0.52 |
| 11-30 | Aaron Wilson & Sandra Anderson | 453/794 | 0.34 |
| 11-30.1 | William J. Neff & Sharon L. Bice | 368/178 | 1.31 |
| 11-31 | Mark M. & Michael L. Mullett | 507/763 | 0.71 |
| 11-32 | Mark M. & Michael L. Mullett | 507/763 | 0.92 |
| 11-37 | West Virginia Department of Highways | WB31/228 | 5.30 |
| 11-38 | Gregory L. & Shirley F. Michael | 410/884 | 1.09 |
| 11-39 | Belinda Nice Talkington | 499/359 | 1.40 |
| 11-42 | Alexander K. & Haley R. Anderson | 511/914 | 5.00 |
| 11-57 | Tex L. Morris | 451/433 | 41.20 |
| 11-57.1 | Velinda Phillips | 238/390 | 0.48 |
| 11-57.2 | Kevin James & Tonda Persinger | 491/137 | 27.68 |
| 11-57.3 | Alexander K. Haley R. Anderson | 511/914 | 1.80 |
| 11-57.4 | Velinda Phillips | 286/491 | 0.61 |
| 11-57.5 | Randall J. & Laura G. Carpenter | 500/134 | 1.27 |
| 11-57.6 | Richard A. DeMarco | 477/729 | 0.42 |
| 11-57.7 | Christine Ann DeMarco | 479/457 | 0.42 |
| 11-58 | Jared Kacor | 511/449 | 1.65 |
| 11-59 | Mark W. & Patricia S. Sands | 344/387 | 8.74 |
| 11-60 | Douglas E. & Barbara D. McAdams | 475/297 | 19.89 |
| 11-61 | Hunter B. & Doug McAdams | 445/95 | 7.61 |
| 11-73 | Gregory V. & Myra L. Hart | 443/76 | 50.00 |
| 11-73.2 | Floyd E. Lewis, Sr. & Floyd E. Lewis, Jr. | 452/103 | 3.88 |
| 11-74 | Lynnda Bridgeman, ETAL | WB69/785 | 0.31 |
| 11-79 | Floyd E. Lewis, Sr. & Floyd E. Lewis, Jr. | 452/103 | 0.67 |
| 11-82 | Mary Elizabeth Clegg | WB59/474 | 3.24 |
| 12-69 | M.B. Investments | 352/398 | 73.37 |
| 12-106 | Thomas C. Pennell | 417/792 | 15.96 |
| 12-106.1 | Timothy R. & Tamera D. Pennell | 410/22 | 14.04 |
| 12-108 | M.B. Investments | 349/280 | 24.00 |
| 12-120 | Mary Elizabeth Clegg | WB59/474 | 12.61 |
| 12-121 | Mary Elizabeth Clegg | WB59/474 | 31.94 |
| 12-129 | Mary Elizabeth Clegg | WB59/474 | 20.00 |
| 12-130 | Lackawanna Transport Company | 427/485 | 25.64 |
| 16-64 | Richard Todd Kay | 420/650 | 29.00 |
| 16-67 | Robert D. Wetzel | 404/372 | 82.06 |
| 17-2 | M.B. Investments | 347/402 | 74.00 |
| 17-6 | Jerry W. & Delores Thompson | 290/333 | 26.58 |
| 17-6.1 | Jerry W. & Delores Thompson | 302/649 | 0.75 |
| 17-6.3 | Lackawanna Transport Company | 454/223 | 4.13 |
| 17-7 | Daniel & Amy Witschey Living Trust | 494/578 | 21.38 |
| 17-7.1 | Lackawanna Transport Company | 427/485 | 21.37 |
| 17-10 | M.B. Investments | 334/56 | 20.84 |
| 17-10.1 | Lackawanna Transport Company | 427/485 | 13.00 |
| 17-12 | M.B. Investments | 334/56 | 8.00 |
| 17-13 | M.B. Investments | 334/56 | 40.26 |
| 17-14 | Matthew S. Cecil | 492/91 | 16.12 |
| 17-14.1 | Darnell T. Dieterich | 263/38 | 0.78 |
| 17-15 | Daniel & Amy Witschey Living Trust | 494/578 | 37.90 |
| 17-16 | Matthew S. Cecil | 492/91 | 3.00 |
| 17-17 | Matthew S. Cecil | 493/590 | 16.92 |
| **Tyler County** | | | |
| 1-11 | Daniel & Amy Witschey Living Trust | OR194/224 | 122.81 |
| 1-16 | Daniel & Amy Witschey Living Trust | OR194/224 | 20.00 |
| 3-9 | Steven D. & Brenda M. Higgins | 313/623 | 163.34 |

FILE NO: 348-34-M-24
DRAWING NO: Jade 1H Well Plat
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 8 2026
OPERATOR'S WELL NO. Jade 1H
API WELL NO
47 — 095 — 02966
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Proposed Elev: 1,254' Existing Elev: 1,274' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porters Falls
DISTRICT: Ellsworth COUNTY: Tyler / Wetzel
SURFACE OWNER: Steven D. & Brenda M. Higgins ACREAGE: 163.34
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