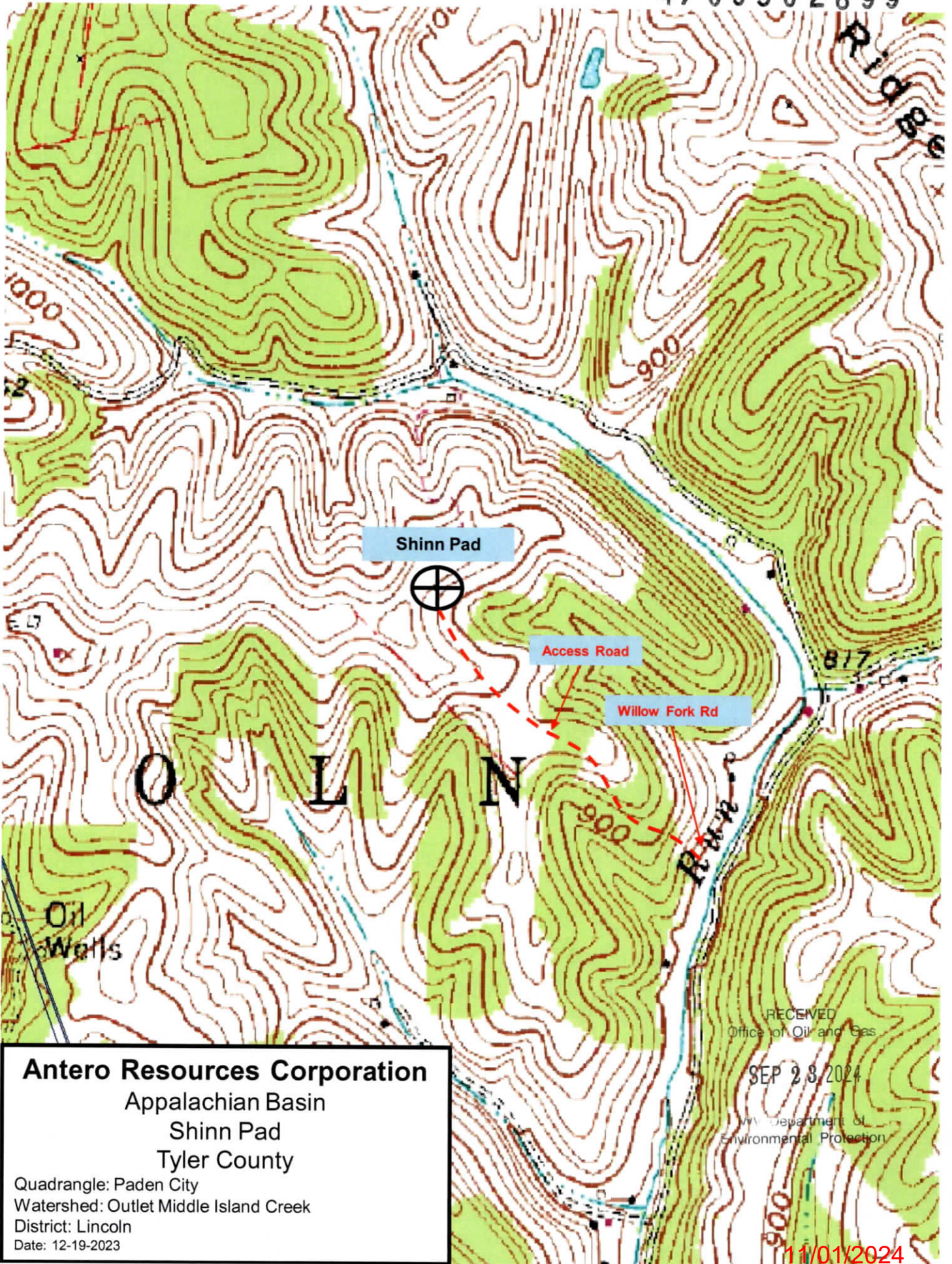


47 0950 2899



Antero Resources Corporation
 Appalachian Basin
 Shinn Pad
 Tyler County

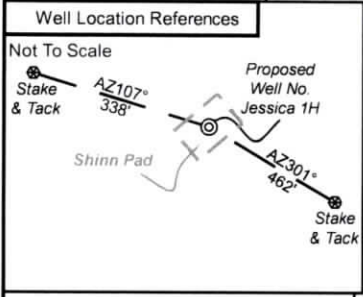
Quadrangle: Paden City
 Watershed: Outlet Middle Island Creek
 District: Lincoln
 Date: 12-19-2023

RECEIVED
 Office of Oil and Gas
 SEP 28, 2024
 Department of
 Environmental Protection

11/01/2024

Antero Resources
Well No. **Jessica 1H**

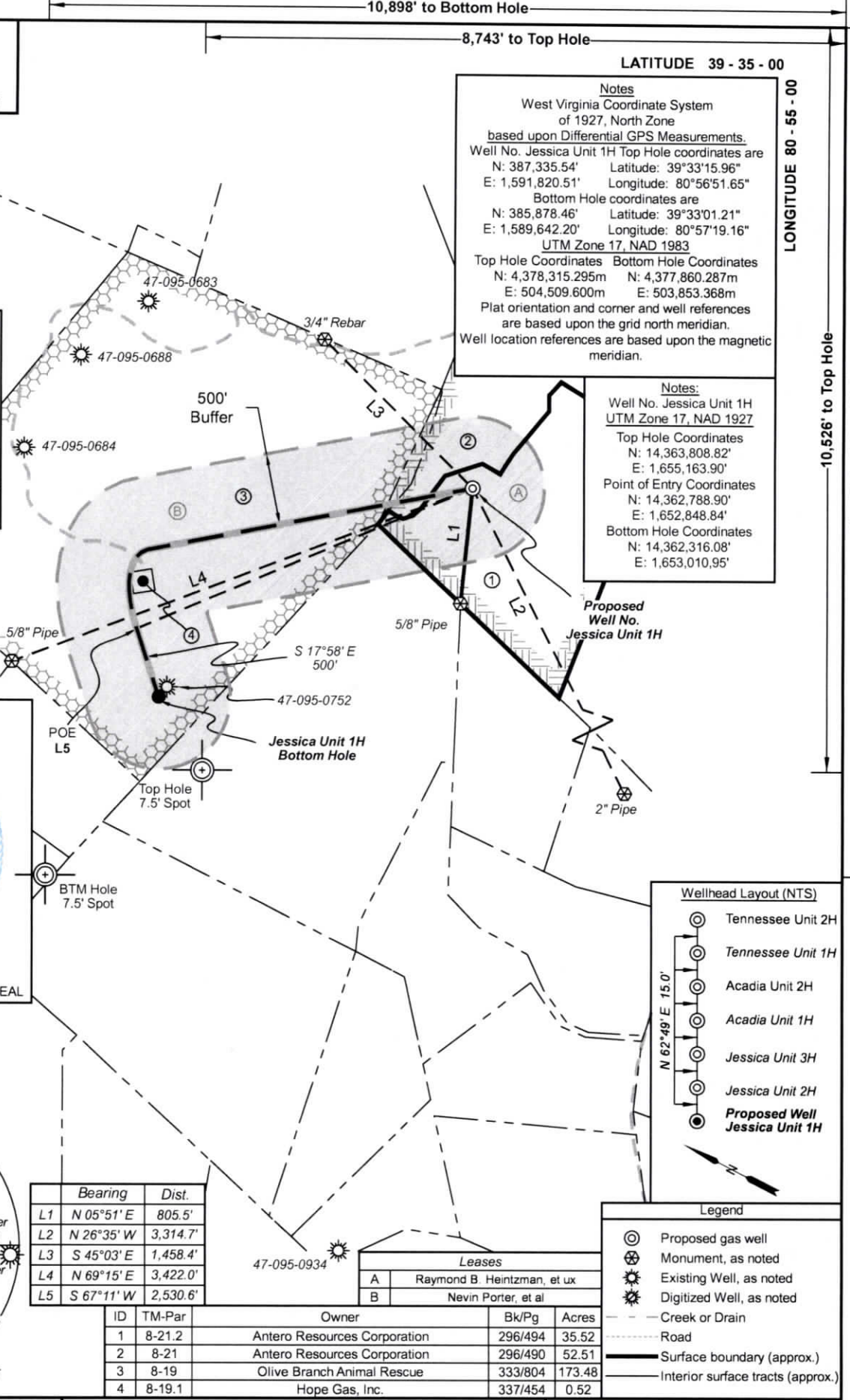
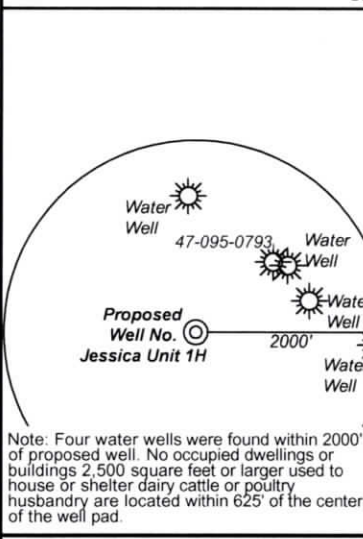
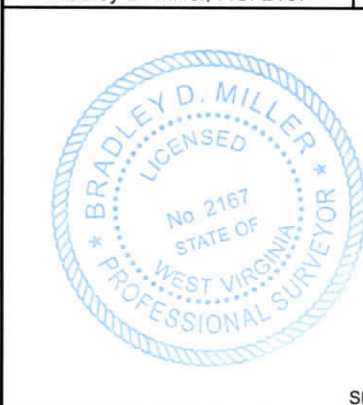
Antero Resources Corporation



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

Bradley D. Miller

Bradley D. Miller, P.S. 2167



Notes

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

Well No. Jessica Unit 1H Top Hole coordinates are
 N: 387,335.54' Latitude: 39°33'15.96"
 E: 1,591,820.51' Longitude: 80°56'51.65"

Bottom Hole coordinates are
 N: 385,878.46' Latitude: 39°33'01.21"
 E: 1,589,642.20' Longitude: 80°57'19.16"

UTM Zone 17, NAD 1983

Top Hole Coordinates Bottom Hole Coordinates
 N: 4,378,315.295m N: 4,377,860.287m
 E: 504,509.600m E: 503,853.368m

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

Well location references are based upon the magnetic meridian.

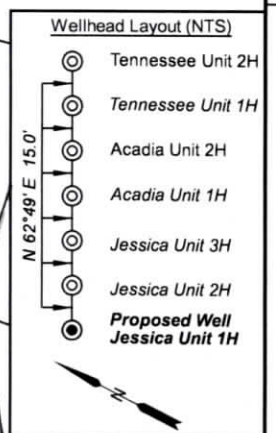
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Well No. Jessica Unit 1H UTM Zone 17, NAD 1927

Top Hole Coordinates
 N: 14,363,808.82'
 E: 1,655,163.90'

Point of Entry Coordinates
 N: 14,362,788.90'
 E: 1,652,848.84'

Bottom Hole Coordinates
 N: 14,362,316.08'
 E: 1,653,010.95'



	Bearing	Dist.
L1	N 05°51' E	805.5'
L2	N 26°35' W	3,314.7'
L3	S 45°03' E	1,458.4'
L4	N 69°15' E	3,422.0'
L5	S 67°11' W	2,530.6'

Leases

	Owner	Bk/Pg	Acres
A	Raymond B. Heintzman, et ux	296/494	35.52
B	Nevin Porter, et al	296/490	52.51
	Olive Branch Animal Rescue	333/804	173.48
	Hope Gas, Inc.	337/454	0.52

ID	TM-Par	Owner	Bk/Pg	Acres
1	8-21.2	Antero Resources Corporation	296/494	35.52
2	8-21	Antero Resources Corporation	296/490	52.51
3	8-19	Olive Branch Animal Rescue	333/804	173.48
4	8-19.1	Hope Gas, Inc.	337/454	0.52

FILE NO: 32-54-L-17

DRAWING NO: Jessica Unit 1H Short Plat

SCALE: 1" = 1000'

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: August 21 2024

OPERATOR'S WELL NO. Jessica Unit 1H

API WELL NO
47 - 095 - 02899

STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Proposed Grade 1,036' Existing Grade 1,043' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
 DISTRICT: Lincoln COUNTY: Tyler 11/01/2024

SURFACE OWNER: Antero Resources Corporation ACREAGE: 52.51

ROYALTY OWNER: Raymond B. Heintzman, et ux LEASE NO: ACREAGE: 100

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,700' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 10,700' MD

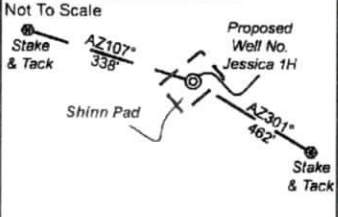
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis

ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
 Denver, CO 80202 Bridgeport, WV 26330

**Antero Resources
Well No. Jessica 1H**
Antero Resources Corporation

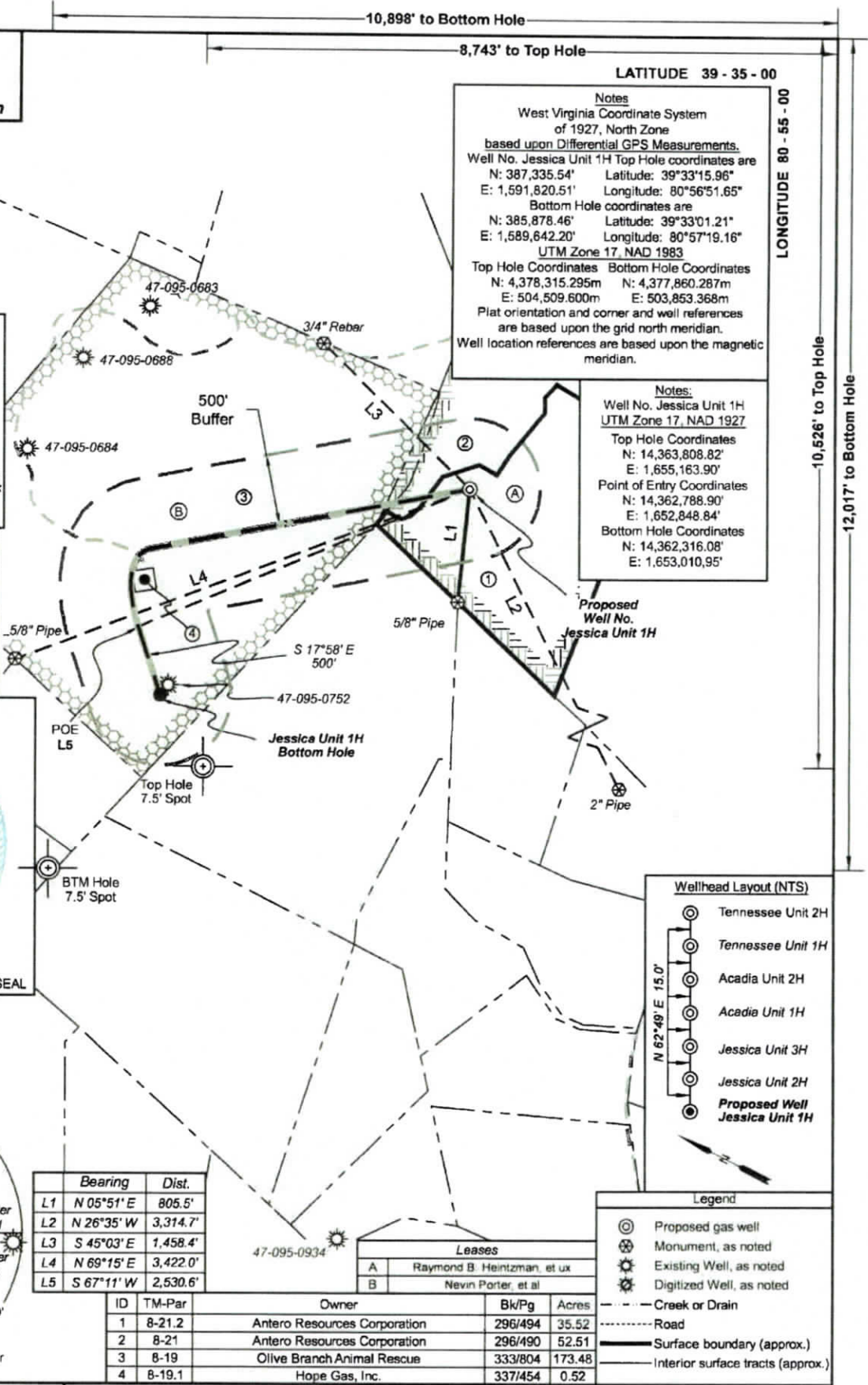


Well Location References



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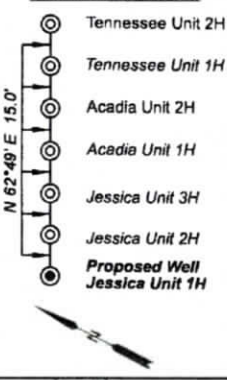
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Bottom Hole Coordinates
N: 14,362,316.08' E: 1,653,010.95'

Wellhead Layout (NTS)



- Legend**
- ⊙ Proposed gas well
 - ⊗ Monument, as noted
 - ⊙ Existing Well, as noted
 - ⊙ Digitized Well, as noted
 - Creek or Drain
 - Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)

Bearing	Dist.
L1 N 05°51' E	805.5'
L2 N 26°35' W	3,314.7'
L3 S 45°03' E	1,458.4'
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FILE NO: 32-54-L-17
DRAWING NO: Jessica Unit 1H Short Plat
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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: August 21 2024
OPERATOR'S WELL NO. Jessica Unit 1H
API WELL NO
47 - 095 -
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
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DISTRICT: Lincoln COUNTY: Tyler
SURFACE OWNER: Antero Resources Corporation ACREAGE: 52.51
ROYALTY OWNER: Raymond B. Heintzman, et ux LEASE NO: ACREAGE: 1/01/2024
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 8,700' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 10,700' MD

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

Handwritten signature and date: 8-24-24