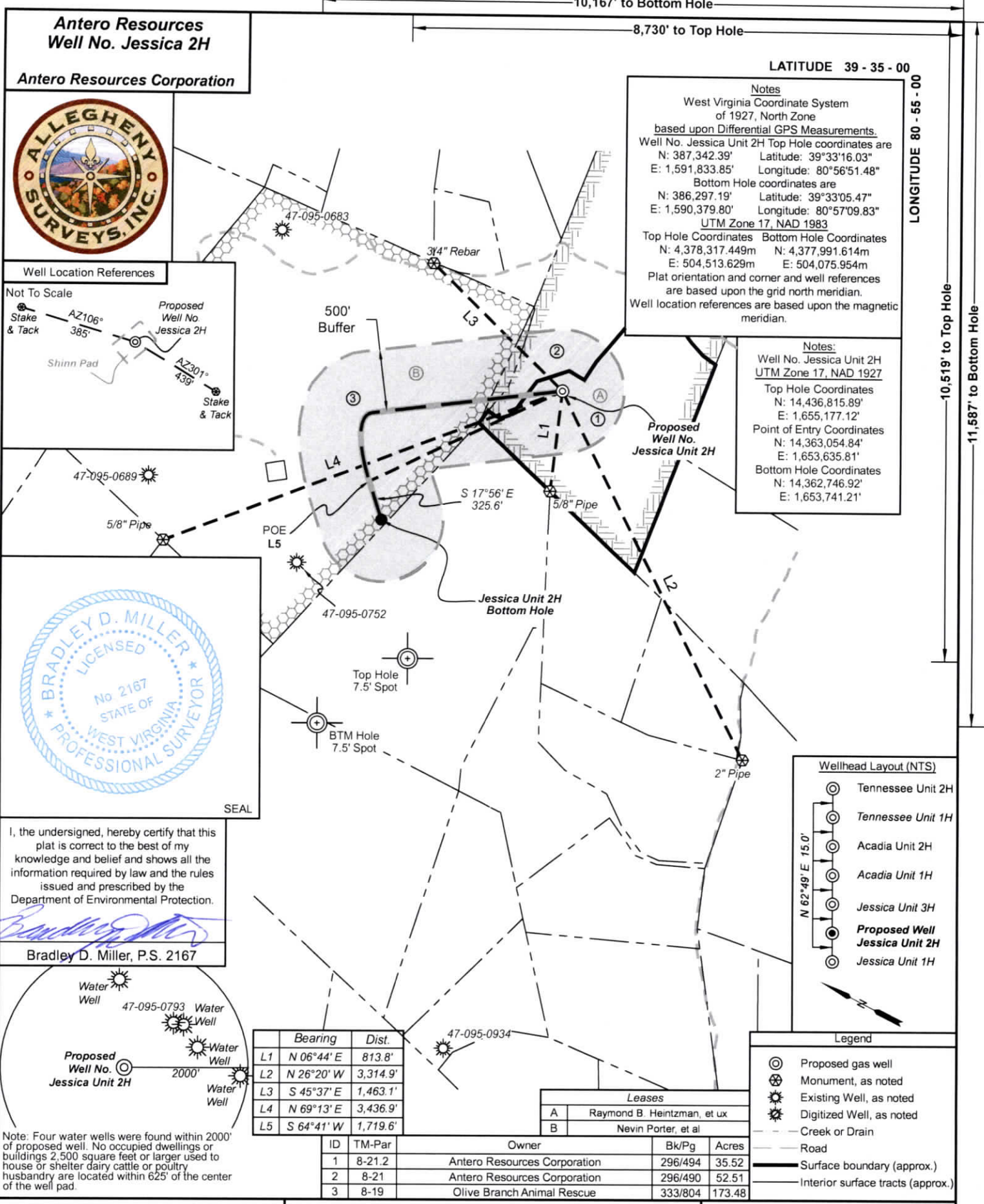


Antero Resources Corporation
Appalachian Basin
Shinn Pad
Tyler County

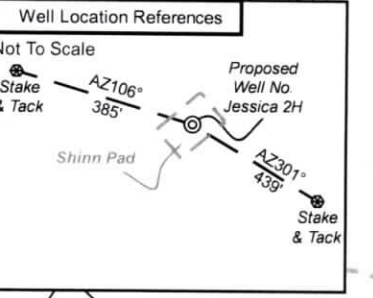
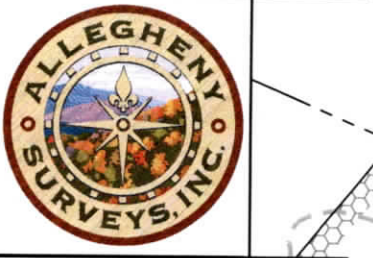
Quadrangle: Paden City
Watershed: Outlet Middle Island Creek
District: Lincoln
Date: 12-19-2023

RECEIVED
Office of Oil and Gas
SEP 23 2024
West Virginia Department of
Environmental Protection

11/01/2024



**Antero Resources
Well No. Jessica 2H**



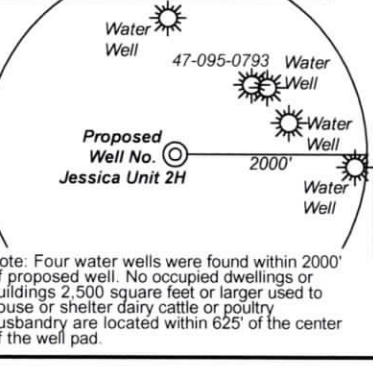
Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Jessica Unit 2H Top Hole coordinates are
N: 387,342.39' Latitude: 39°33'16.03"
E: 1,591,833.85' Longitude: 80°56'51.48"
Bottom Hole coordinates are
N: 386,297.19' Latitude: 39°33'05.47"
E: 1,590,379.80' Longitude: 80°57'09.83"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,378,317.449m N: 4,377,991.614m
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Well No. Jessica Unit 2H UTM Zone 17, NAD 1927
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Point of Entry Coordinates
N: 14,363,054.84'
E: 1,653,635.81'
Bottom Hole Coordinates
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E: 1,653,741.21'



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

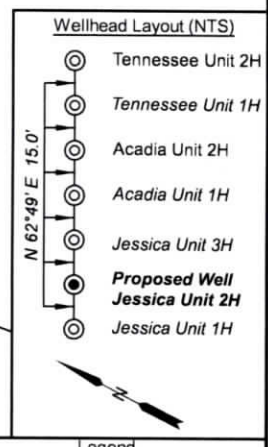


	Bearing	Dist.
L1	N 06°44' E	813.8'
L2	N 26°20' W	3,314.9'
L3	S 45°37' E	1,463.1'
L4	N 69°13' E	3,436.9'
L5	S 64°41' W	1,719.6'

Leases

	Owner	Bk/Pg	Acres
A	Raymond B. Heintzman, et ux	296/494	35.52
B	Nevin Porter, et al	333/804	173.48

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



- 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.)

FILE NO: 32-54-L-17
DRAWING NO: Jessica Unit 2H Short Plat
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

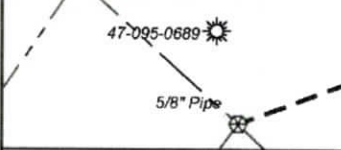
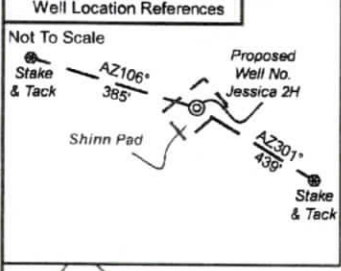
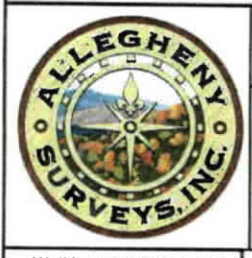
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 21 2024
OPERATOR'S WELL NO. Jessica Unit 2H
API WELL NO
47 - 095 - 02900
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Existing Grade 1,043' PROPOSED GRADE 1,036' 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: 9,800' MD

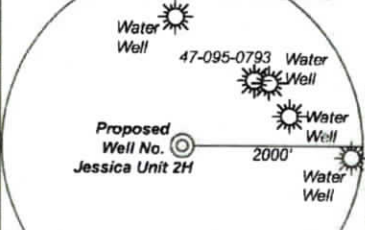
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

Antero Resources
Well No. **Jessica 2H**
Antero Resources Corporation



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Bradley D. Miller
Bradley D. Miller, P.S. 2167



Note: Four 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.

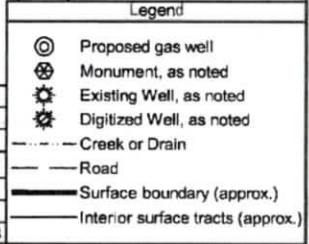
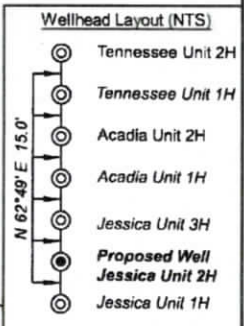
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ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

10,167' to Bottom Hole
8,730' to Top Hole
LATITUDE 39 - 35 - 00
LONGITUDE 80 - 55 - 00
10,519' to Top Hole
11,587' to Bottom Hole

July 10-4-24