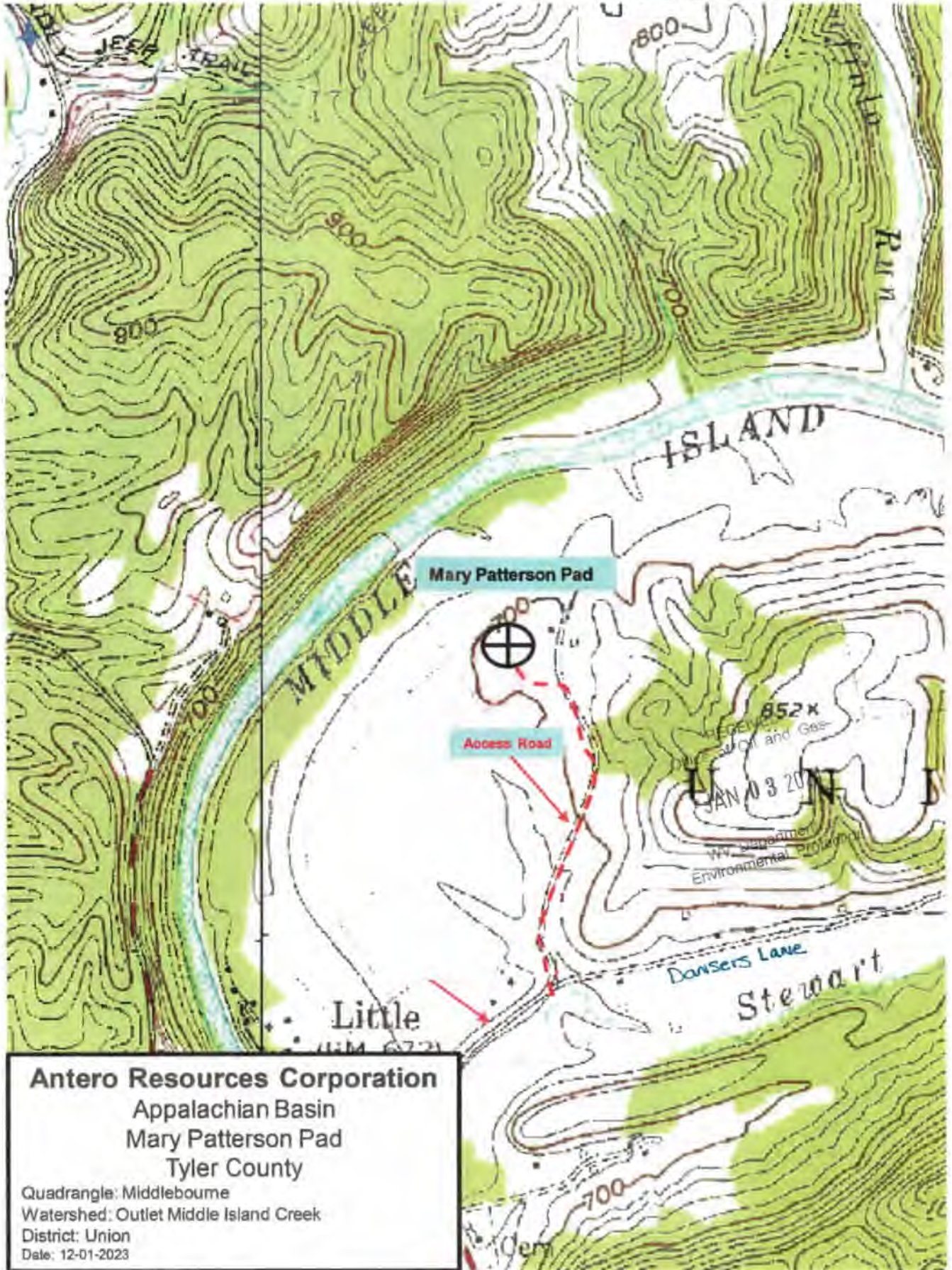
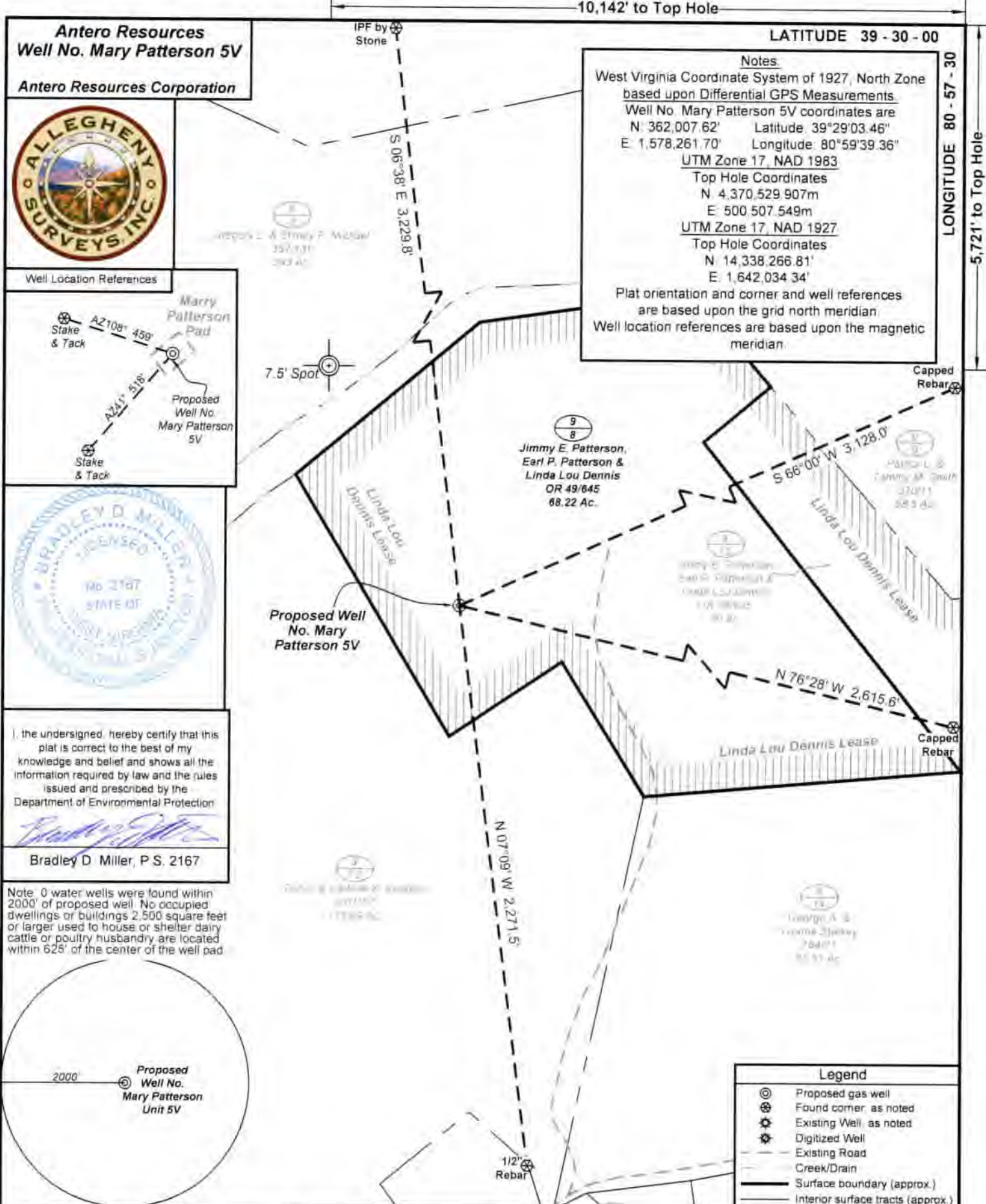


4709502873



Antero Resources Corporation
Appalachian Basin
Mary Patterson Pad
Tyler County

Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Union
Date: 12-01-2023



Antero Resources
Well No. **Mary Patterson 5V**
Antero Resources Corporation

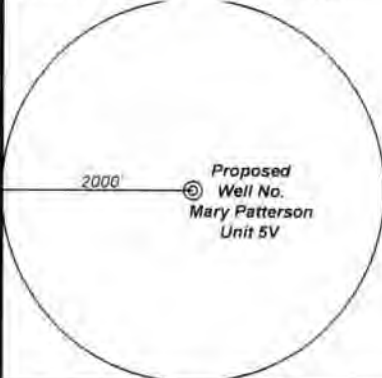


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection

Bradley D. Miller

Bradley D Miller, P.S. 2167

Note: 0 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



LATITUDE 39 - 30 - 00
LONGITUDE 80 - 57 - 30

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements
Well No. Mary Patterson 5V coordinates are
N: 362,007.62' Latitude: 39°29'03.46"
E: 1,578,261.70' Longitude: 80°59'39.36"
UTM Zone 17, NAD 1983
Top Hole Coordinates
N: 4,370,529.907m
E: 500,507.549m
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,338,266.81'
E: 1,642,034.34'

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

Legend	
	Proposed gas well
	Found corner, as noted
	Existing Well, as noted
	Digitized Well
	Existing Road
	Creek/Drain
	Surface boundary (approx.)
	Interior surface tracts (approx.)

FILE NO: 169-54-U-23
DRAWING NO: Mary Patterson 5V Well Plat
SCALE: 1" = 500'
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: September 22, 2023
OPERATOR'S WELL NO: Mary Patterson Unit 5V
API WELL NO: 47-095-02873
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Proposed Grade 694' Existing Grade 693' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne
DISTRICT: Union Jimmy E. Patterson, Earl P. Patterson & Linda Lou Dennis COUNTY: Tyler **01/26/2024**
SURFACE OWNER: ACREAGE: 68.22

ROYALTY OWNER: Linda Lou Dennis LEASE NO: ACREAGE: 98.225

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,500' 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