



**Antero Resources**  
Well No. Roma Lou 5H

Antero Resources Corporation



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

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

Notes:  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Roma Lou 5H coordinates are  
N: 362,327.54'    Latitude: 39°29'07.55"  
E: 1,583,928.84'    Longitude: 80°58'27.15"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates  
N: 4,370,656.247m  
E: 502,232.430m  
UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,338,681.16'  
E: 1,647,693.40'

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

Note: 6 water well, 9 springs and 4 ponds 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.



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

FILE NO: 197-54-M-18  
DRAWING NO: Roma 5H 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: January 10 2019  
OPERATOR'S WELL NO. Roma Lou 5H  
API WELL NO  
47 - 095 - 02684  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
Proposed 883'  
Existing 894'

LOCATION: ELEVATION: \_\_\_\_\_ WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne  
DISTRICT: Union COUNTY: Tyler

SURFACE OWNER: Kevin L. Thomas ACREAGE: 92.6  
ROYALTY OWNER: Berna J. Hammel LEASE NO: \_\_\_\_\_ ACREAGE: 94.61

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: Dianna Stamper - CT Corporation System  
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313