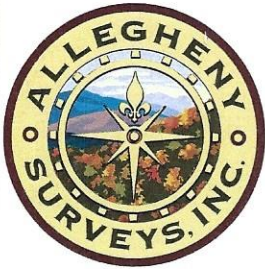


**Antero Resources  
Well No. Calvin 1H**

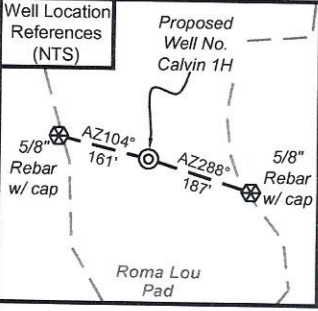
Antero Resources Corporation



ID	TM-Par	Owner	Bk/Pg	Acres
1	10-4.1	Antero Resources Corporation	OR12/739	60.38
2	10-4	Kevin L. & Tammy J. Thomas	OR7/290	32.22
3	10-5.3	Richard Daniel Bowen	344/814	25.92
4	9-16	Billy D. & Roma L. Hart	154/569	20.00
5	9-9.1	Jennifer K. & Diane M. Thomas	AR46/754	40.00

Leases	
A	Berna J. Hammel
B	Sally & Mitchell Dunn
C	J&N Management Enterprises, LLC
D	Roma Hart
E	Mary Faye Grove

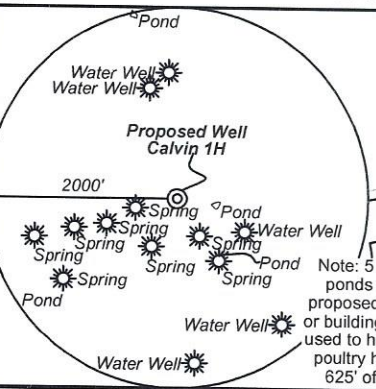
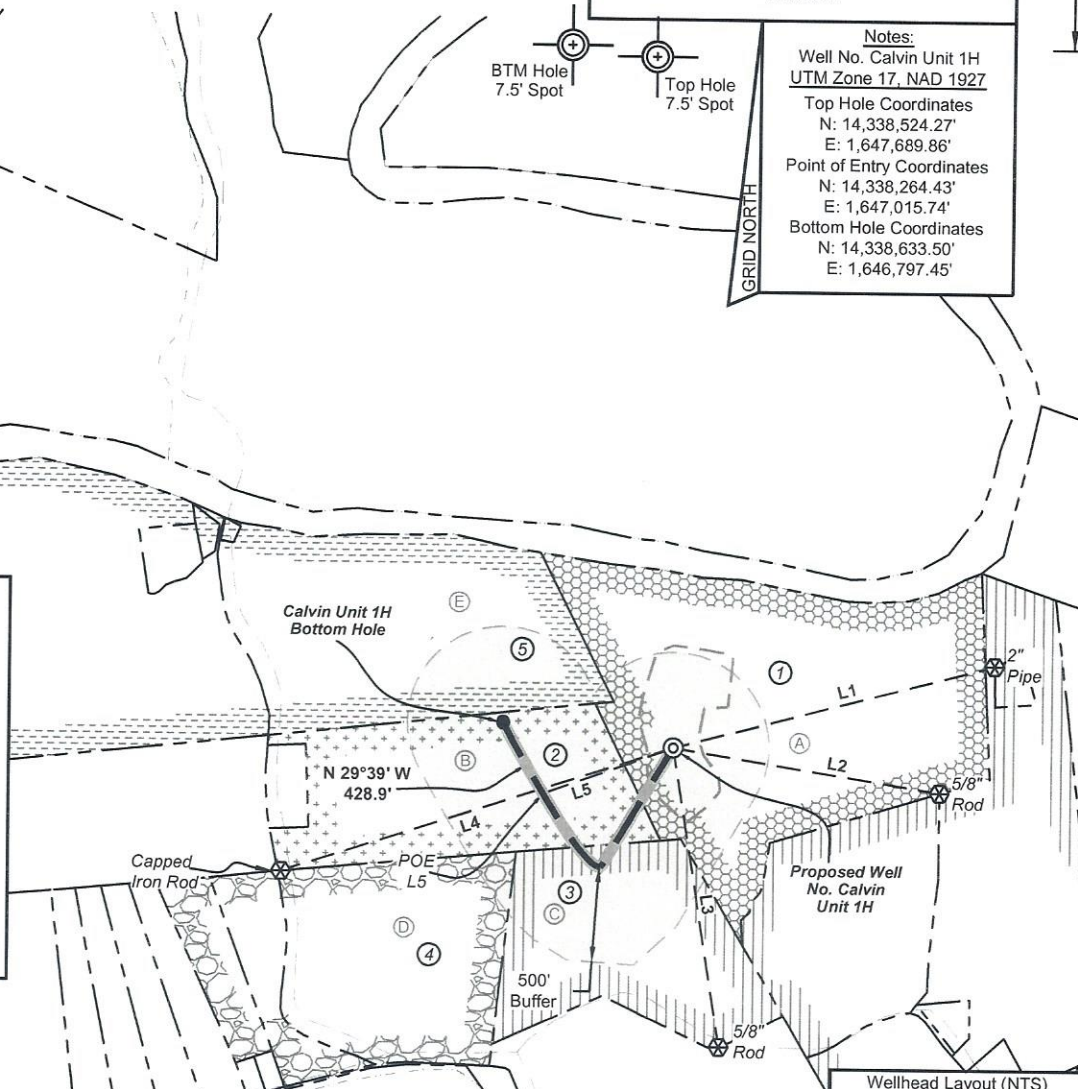
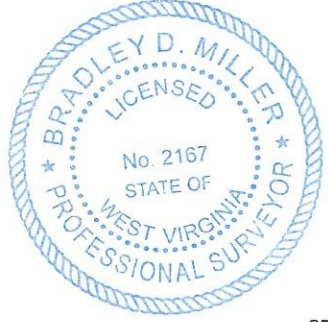
4,485' to Top Hole  
5,377' to Bottom Hole  
LATITUDE 39 - 30 - 00  
LONGITUDE 80 - 57 - 30  
Notes  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Calvin Unit 1H Top Hole coordinates are  
N: 362,170.68' Latitude: 39°29'05.99"  
E: 1,583,922.68' Longitude: 80°58'27.20"  
Bottom Hole coordinates are  
N: 362,294.84' Latitude: 39°29'07.08"  
E: 1,583,031.91' Longitude: 80°58'38.59"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,370,608.427m N: 4,370,641.715m  
E: 502,231.351m E: 501,959.345m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.



Notes:  
Well No. Calvin Unit 1H UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,338,524.27'  
E: 1,647,689.86'  
Point of Entry Coordinates  
N: 14,338,264.43'  
E: 1,647,015.74'  
Bottom Hole Coordinates  
N: 14,338,633.50'  
E: 1,646,797.45'

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

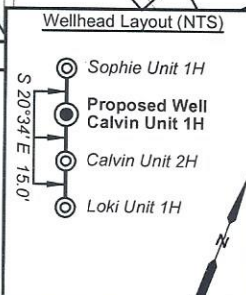


Note: 5 water wells 8 springs and 4 ponds were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

	Bearing	Dist.
L1	S 75°18' W	1,732.5'
L2	N 80°44' W	1,412.0'
L3	N 09°07' W	1,587.6'
L4	N 71°56' E	2,150.5'
L5	S 69°53' W	722.7'

**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.)
- District Line



FILE NO: 258-54-U-22  
DRAWING NO: Calvin Unit 1H  
SCALE: 1" = 1000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

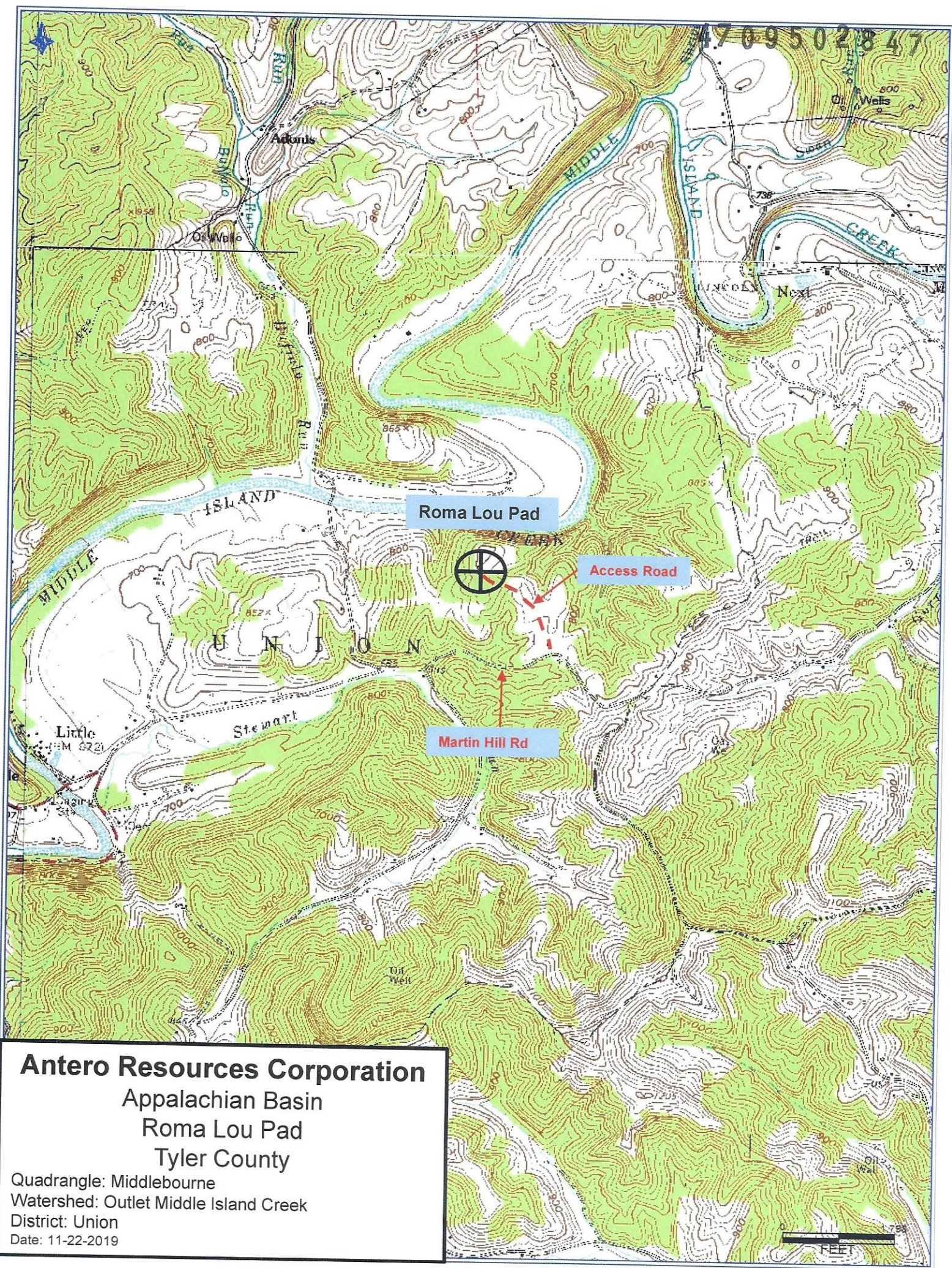
**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: January 23 2023  
OPERATOR'S WELL NO. Calvin 1H  
API WELL NO  
47 - 095 - 02847  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 883' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne  
DISTRICT: Union COUNTY: Tyler 03/17/2023  
SURFACE OWNER: Antero Resources Corp. ACREAGE: 60.38  
ROYALTY OWNER: Berna J. Hammel; J&N Management Enterprises, LLC; Sally & Mitchell Dunn; LEASE NO: ACREAGE: 60.38; 107.929; 36.225;  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 8,600' MD 6,500' TVD

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 Corporation**

Appalachian Basin

Roma Lou Pad

Tyler County

Quadrangle: Middlebourne

Watershed: Outlet Middle Island Creek

District: Union

Date: 11-22-2019

03/17/2023