

31' to Bottom Hole

Antero Resources  
Well No. Roy 2H  
Antero Resources Corporation



Proposed Well No. Roy Unit 2H

Middle Island Creek

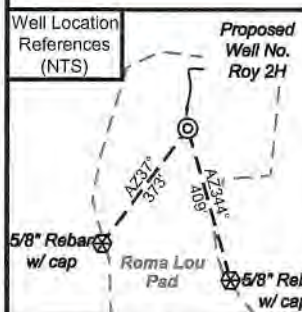
4,424' to Top Hole  
TOP HOLE LATITUDE 39-30-00  
BTM HOLE LATITUDE 39-27-30

**Notes**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Roy Unit 2H Top Hole coordinates are  
N: 362,507.84' Latitude: 39°29'09.34"  
E: 1,583,989.27' Longitude: 80°58'26.42"  
Bottom Hole coordinates are  
N: 349,707.03' Latitude: 39°27'03.51"  
E: 1,588,174.78' Longitude: 80°57'30.39"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,370,711.484m N: 4,366,832.993m  
E: 502,249.923m E: 503,590.166m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

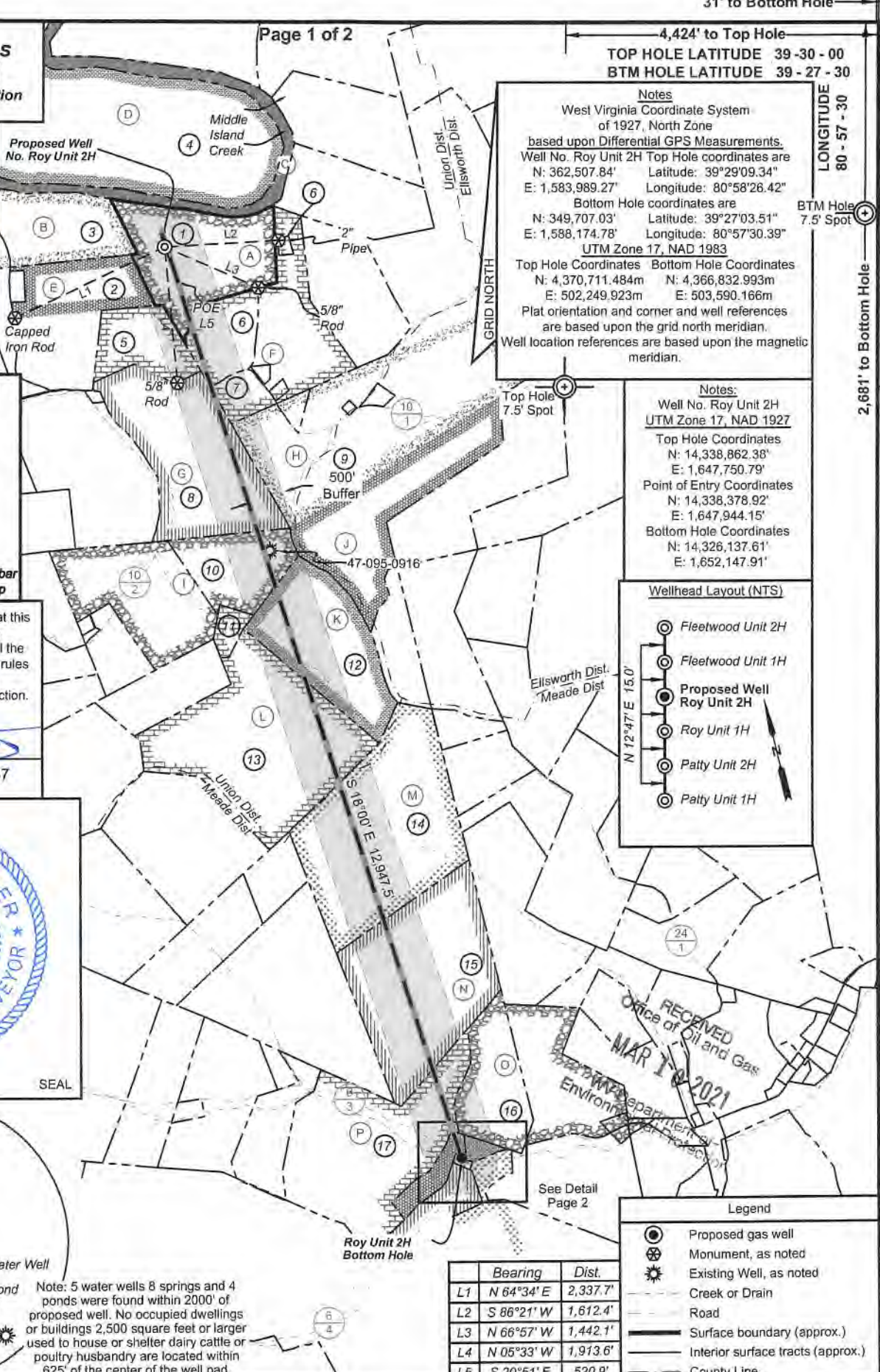
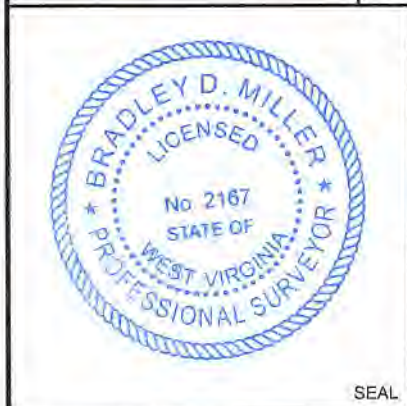
LONGITUDE 80 - 57 - 30

BTM Hole 7.5' Spot

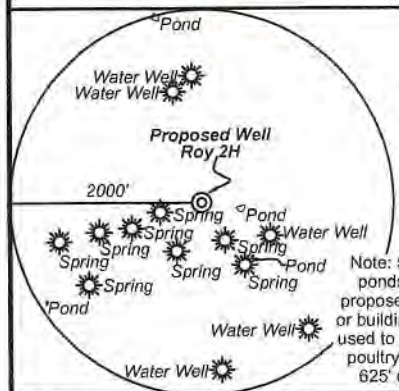
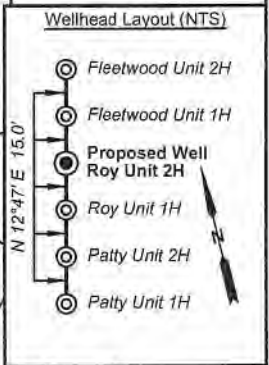
5,126' to Top Hole  
2,681' to Bottom Hole



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, P.S. 2167



**Notes:**  
Well No. Roy Unit 2H UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,338,862.38"  
E: 1,647,750.79"  
Point of Entry Coordinates  
N: 14,338,378.92"  
E: 1,647,944.15"  
Bottom Hole Coordinates  
N: 14,326,137.61"  
E: 1,652,147.91"



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	N 64°34'E	2,337.7'
L2	S 86°21'W	1,612.4'
L3	N 66°57'W	1,442.1'
L4	N 05°33'W	1,913.6'
L5	S 20°51'E	520.9'

**Legend**

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- County Line

FILE NO: 07-54-U-16  
DRAWING NO: Roy Unit 2H  
SCALE: 1" = 2000'  
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: February 25 2021  
OPERATOR'S WELL NO. Roy 2H  
API WELL NO. H6A  
47 - 095 - 02735  
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/Meade COUNTY: Tyler 04/16/2021  
SURFACE OWNER: Antero Resources Corp. Barbara J. Anderson; Edwin Ernest Weber, Jr., et ux; Jeffrey S. Anderson, et ux; JayBee Production Co.; Donald M. Thomas, et ux; Joseph B. Thomas (2); Everett Harris; ACREAGE: 60.38  
ROYALTY OWNER: Berna J. Hammel; J&N Management Enterprises, LLC; Bowen Family Irrevocable Trust; LEASE NO: ACREAGE: 117.44; 97.9  
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: 20,300' MD

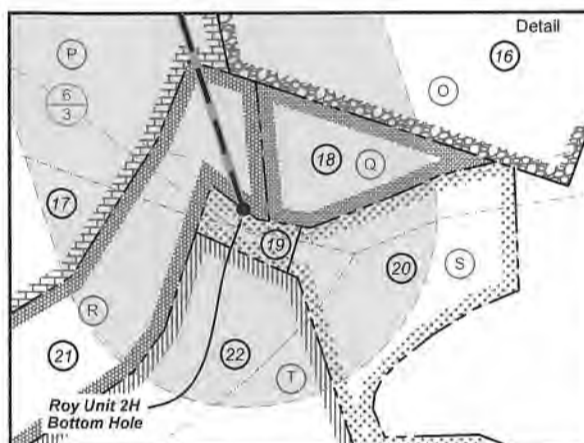
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313

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



Leases	
A	Berna J. Hammel
B	Maurice C. Grove
C	OPEN
D	OPEN
E	Sally & Mitchell Dunn
F	J&N Management Enterprises, LLC
G	Bowen Family Irrevocable Trust
H	Charlotte A. Weise
I	Donald M. Thomas, et ux
J	Lora Keller Thomas
K	Joseph B. Thomas
L	Everett Harris
M	Joseph B. Thomas
N	JayBee Production Co.
O	Danny J. Nagle, et ux
P	Edwin Ernest Weber, Jr., et ux
Q	Heritage Resources-Marcellus Minerals, LLC
R	Barbara J. Anderson
S	Jeffrey S. Anderson, et ux
T	Golden Eagle Resources II, LLC

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	9-9.1	Jennifer K. & Diane M. Thomas	AR46/754	40.00
4	9-4	Steven D. Zechman & Linda M. Jensen	348/422	250.00
5	10-5.3	Richard Daniel Bowen	344/814	25.93
6	10-5.5	Bowen Family Irrevocable Trust	372/303	22.89
7	10-5.4	Richard Daniel Bowen	344/814	9.51
8	10-9	Bowen Family Irrevocable Trust	370/750	82.00
9	10-10	Lora K. & Kenneth Thomas	201/359	307.06
10	10-10.1	Donald Thomas	WB21/443	33.88
11	14-3	Everett Harris	225/67	6.00
12	14-4	Joseph Thomas	WB21/443	51.00
13	14-2	Everett E. Harris, et al	281/483	109.88
14	2-1	Joseph Ben Thomas	155/439	117.01
15	2-11	Edwin E. Jr. & Kathleen F. Weber	355/268	97.90
16	2-36.1	Orval J. & Flora A. Sizemore	255/51	33.31
17	2-43	Edwin E. Jr. & Kathleen F. Weber	294/578	100.50
18	2-38	Jason A. Hickman	572/842	2.36
19	2-41	Jeffrey S. & Sharon D. Anderson	343/419	0.42
20	2-40	Jeffrey S. & Sharon D. Anderson	343/419	54.00
21	2-39	Barbara J. Anderson	370/340	6.82
22	2-42.1	Seth Gennett & Jessica B. Rice	367/193	15.37



RECEIVED  
 Office of Oil and Gas  
 MAR 10 2021  
 WV Department of  
 Environmental Protection

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**Antero Resources Corporation**  
Appalachian Basin  
Roma Lou Pad  
Tyler County

Quadrangle: Middlebourne  
Watershed: Outlet Middle Island Creek  
District: Union  
Date: 11-22-2019

04/16/2021  
FEET