

**Antero Resources  
Well No. Mule 3H**

Antero Resources Corporation



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.)

Notes:	
Well No. Mule Unit 3H UTM Zone 17, NAD 1927	
Top Hole Coordinates N: 14,276,556.37' E: 1,707,492.64'	
Point of Entry Coordinates N: 14,275,189.61' E: 1,706,352.26'	
Bottom Hole Coordinates N: 14,273,750.62' E: 1,706,819.93'	

Notes	
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.	
Well No. Mule Unit 3H Top Hole coordinates are N: 299,191.55'    Latitude: 39°18'52.43" E: 1,642,703.38'    Longitude: 80°45'46.25"	
Bottom Hole coordinates are N: 296,396.43'    Latitude: 39°18'24.70" E: 1,641,983.72'    Longitude: 80°54'45.90"	
UTM Zone 17, NAD 1983	
Top Hole Coordinates: Bottom Hole Coordinates N: 4,351,721.010m    N: 4,350,865.808m E: 520,459.208m    E: 520,254.167m	
Plat orientation and corner and well references are based upon the grid north meridian.	
Well location references are based upon the magnetic meridian.	

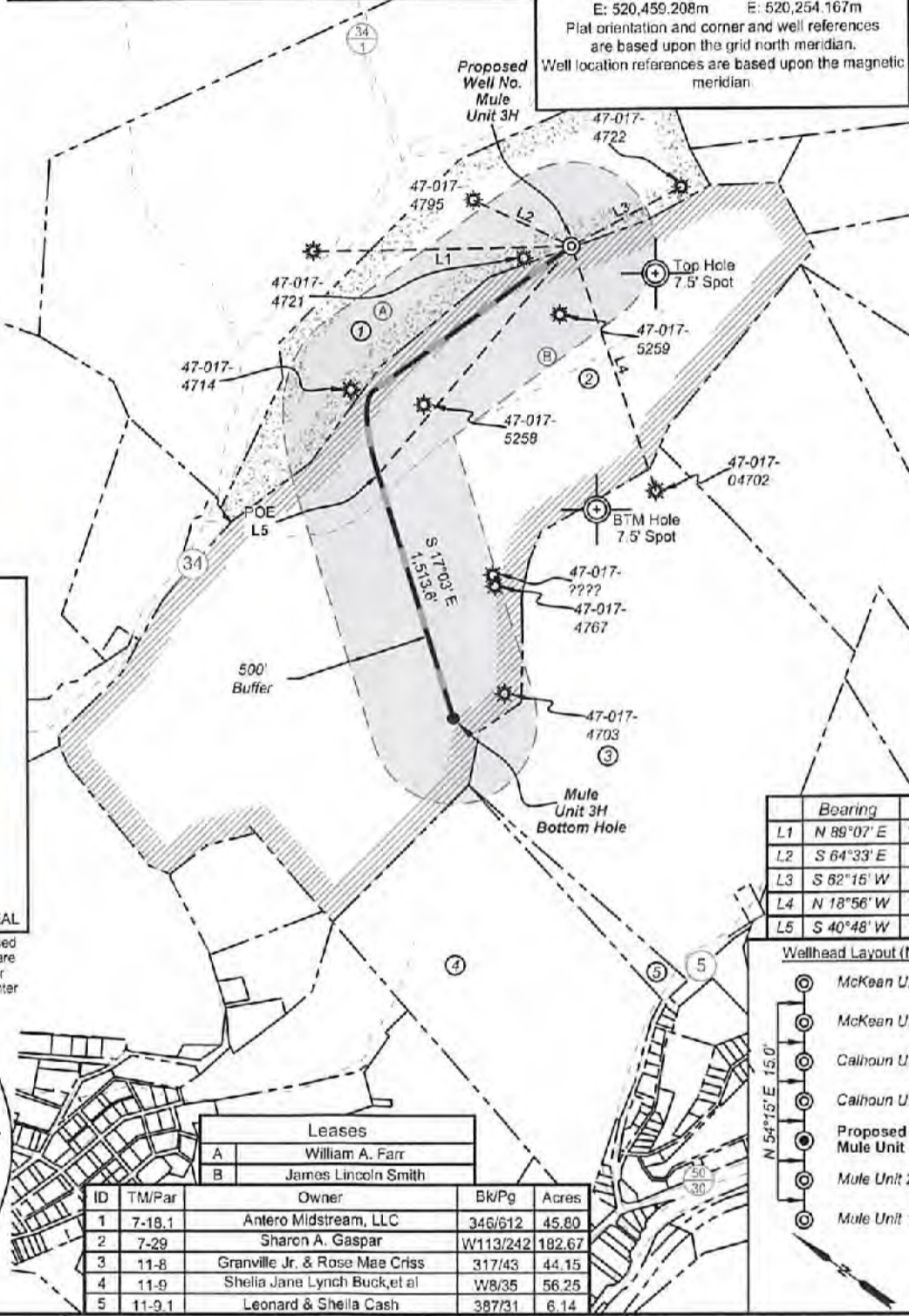
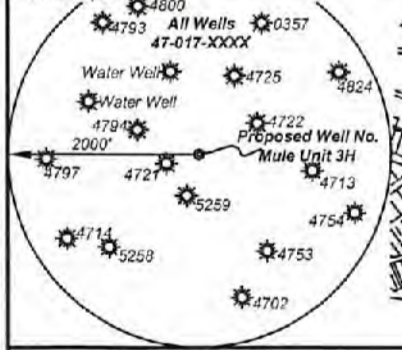


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

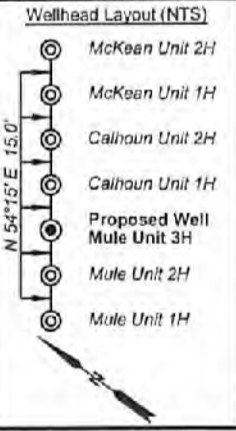
*Bradley D. Miller*  
Bradley D. Miller, P.S. 2167



Note: 2 water well was 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 88°07' E	1,543.3'
L2	S 64°33' E	650.6'
L3	S 62°15' W	743.6'
L4	N 18°56' W	1,538.1'
L5	S 40°48' W	1,780.7'



Leases	
A	William A. Farr
B	James Lincoln Smith

ID	TM/Par	Owner	Bk/Pg	Acres
1	7-18.1	Antero Midstream, LLC	346/612	45.80
2	7-29	Sharon A. Gaspar	W113/242	182.67
3	11-8	Granville Jr. & Rose Mae Criss	317/43	44.15
4	11-9	Shelia Jane Lynch Buck, et al	W8/35	56.25
5	11-9.1	Leonard & Sheila Cash	387/31	6.14

FILE NO: 55-30-WU-14  
DRAWING NO: Mule Unit 3H Well 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: November 12, 2021  
OPERATOR'S WELL NO. Mule Unit 3H  
API WELL NO  
47 - 017 - 06918  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: Existing: 1,216' Proposed: 1,189'    WATERSHED: Middle Island Creek    QUADRANGLE: West Union  
DISTRICT: West Union Antero    COUNTY: Doddridge  
SURFACE OWNER: Midstream, LLC    ACREAGE: 45.8  
ROYALTY OWNER: William A. Farr; James Lincoln Smith;    LEASE NO:    ACREAGE: 45.8; 180  
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: 7,400' TVD 11,500' 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

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3,635' to Top Hole

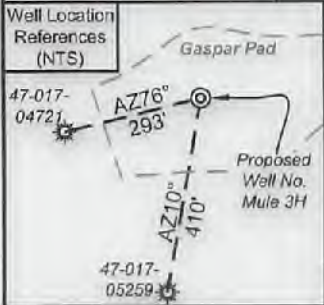
4,316' to Bottom Hole

LATITUDE 39 - 20 - 00

LONGITUDE 80 - 45 - 00

6,837' to Top Hole

9,642' to Bottom Hole



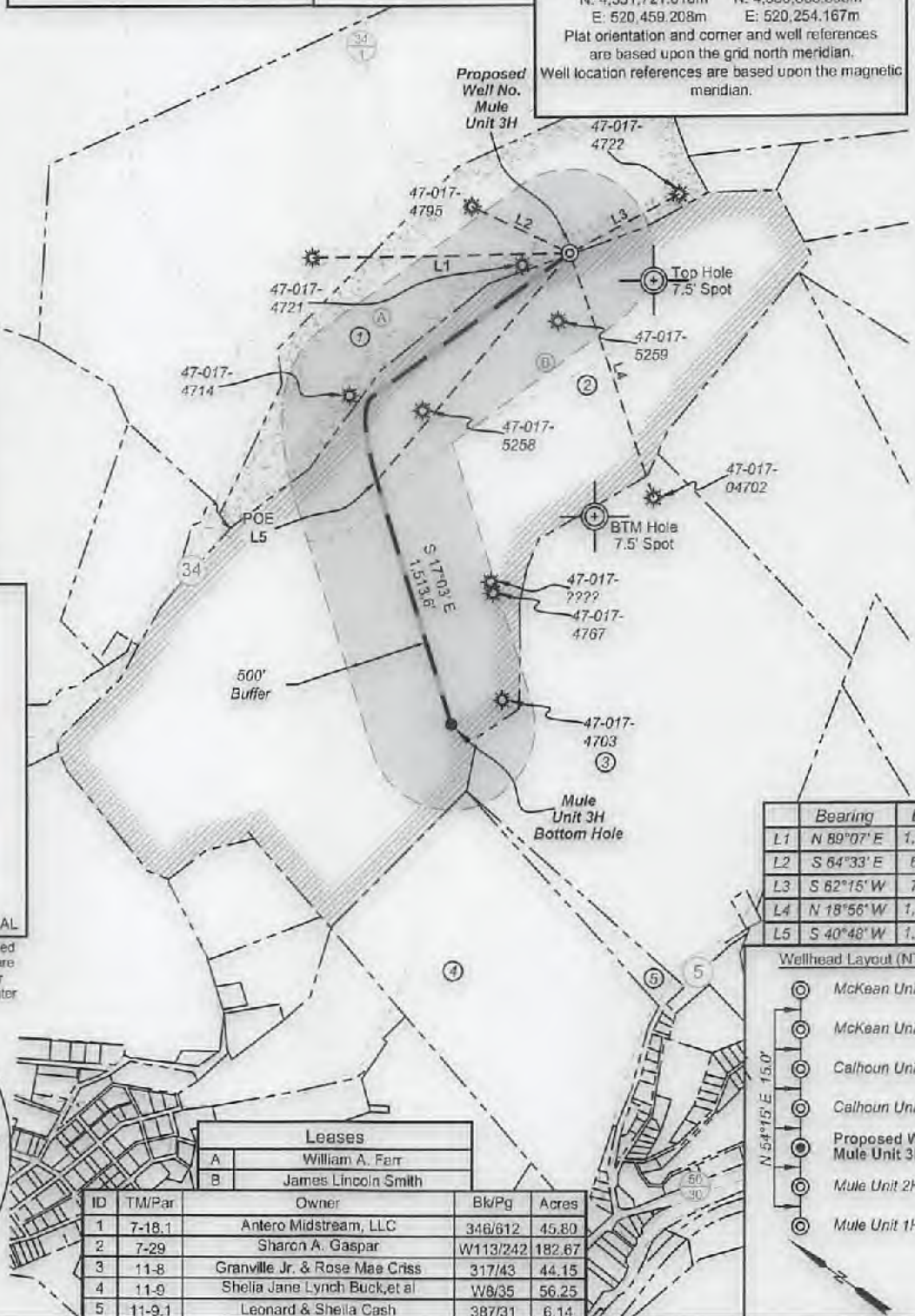
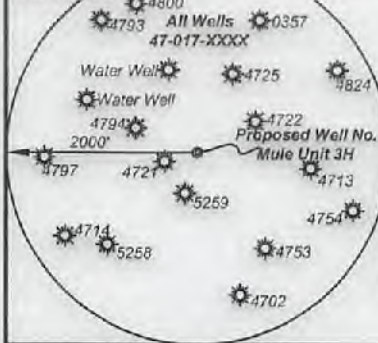
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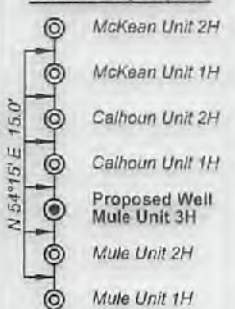
SEAL

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**Wellhead Layout (NTS)**



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B	James Lincoln Smith

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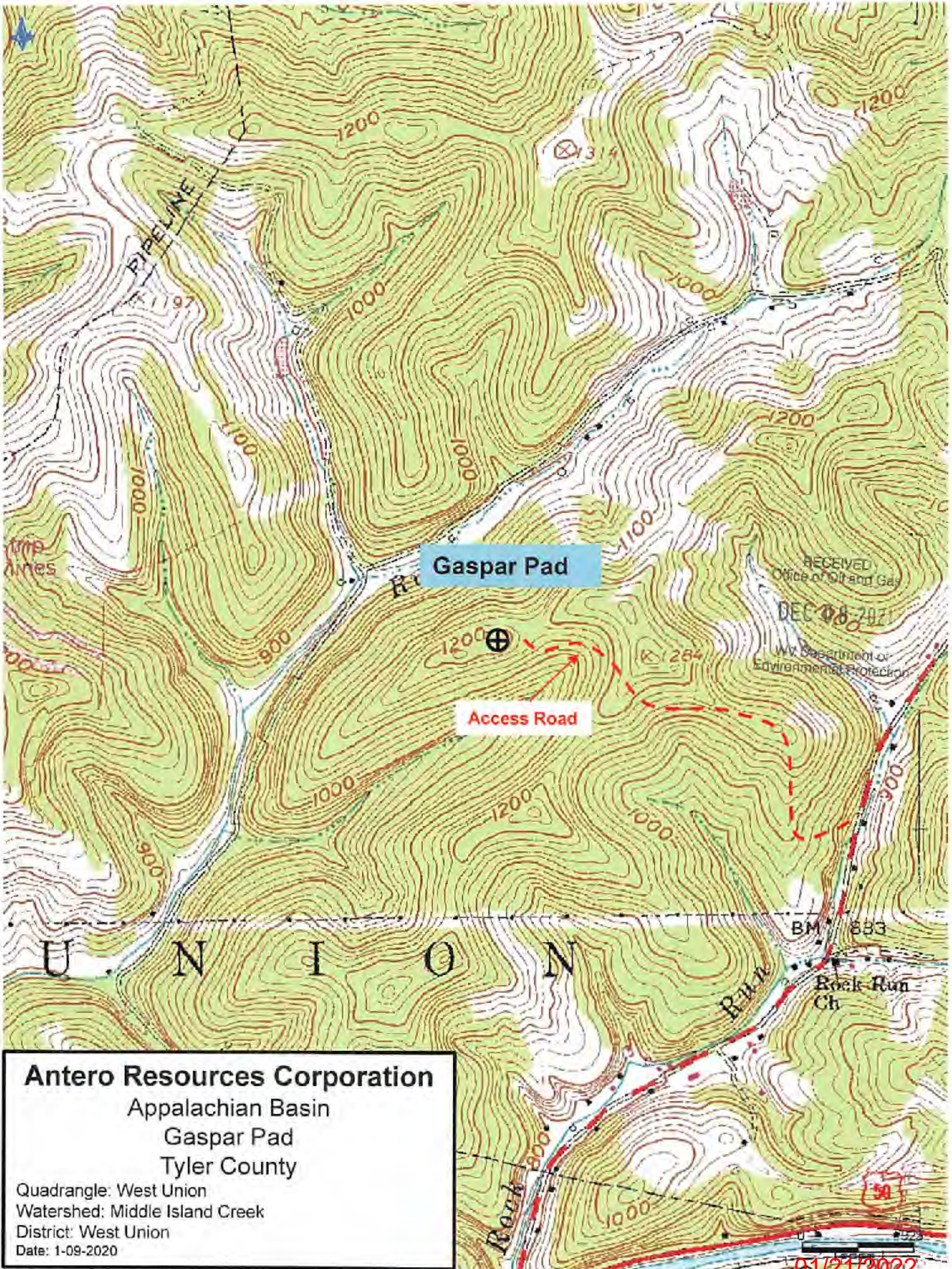
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01/21/2022



**Antero Resources Corporation**  
 Appalachian Basin  
 Gaspar Pad  
 Tyler County

Quadrangle: West Union  
 Watershed: Middle Island Creek  
 District: West Union  
 Date: 1-09-2020

01/21/2022