

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

Antero Resources Corporation



Sheet 1 of 2

9,653' to Bottom Hole

3,599' to Top Hole

TOP HOLE LATITUDE 39 - 20 - 00  
BTM HOLE LATITUDE 39 - 17 - 30

**Notes**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. McKean Unit 1H Top Hole coordinates are N: 299,217.84' Latitude: 39°18'52.60" E: 1,642,739.89' Longitude: 80°45'45.79" Bottom Hole coordinates are N: 285,043.09' Latitude: 39°16'33.36" E: 1,648,285.05' Longitude: 80°44'32.75" UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,351,729.205m N: 4,347,439.065m  
E: 520,470.197m E: 522,231.561m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

TOP HOLE LONGITUDE 80 - 45 - 00  
BTM HOLE LONGITUDE 80 - 42 - 30  
5,730' to Bottom Hole  
6,810' to Top 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.

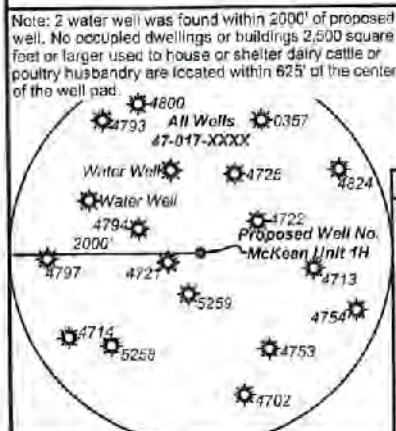
*Bradley D. Miller*  
Bradley D. Miller, P.S. 2167



**Notes:**  
Well No. McKean Unit 1H UTM Zone 17, NAD 1927  
Top Hole Coordinates: N: 14,275,583.28' E: 1,707,526.69'  
Point of Entry Coordinates: N: 14,276,877.24' E: 1,708,444.36'  
Bottom Hole Coordinates: N: 14,262,507.91' E: 1,713,307.44'

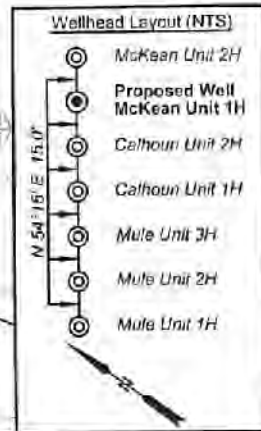
**Leases**

A	William A. Farr
B	James Lincoln Smith
C	William Ashburn Heirs
D	James R. Fraley, et ux
E	David Lipscomb
F	Charles A. McKinney
G	Robert W. Sponaugle
H	Betty Lou Callhoun
I	Jennie Mae Sponaugle, et al
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K	William Franklin Willis
L	Franklin L. Butler & Key Oil Co.
M	WVDNR
N	Rossie & Eva Lowery
O	WV State Rail Authority
P	Wanda Longacre, et al
Q	C. M. Tate, et ux
R	Thomas L. Barnes, et ux
S	Grace Evelyn Bunner
T	AMP Fund III, LP
U	Alton J. Childers, et al
V	Winnie J. Hackley
W	W.L. Davis, et ux



**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.)



FILE NO: 46-30-WU-14  
DRAWING NO: McKean Unit 1H Well Plat  
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: November 12 2021  
OPERATOR'S WELL NO. McKean Unit 1H  
API WELL NO  
47 - 017 - 06914  
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: TH: West Union BH: Smithburg 40.37; 54.46; COUNTY: Boone 39.29; 53.125; 40.36; 190; ACREAGE: 45.8 95.67; 38.75; 30; 301.19; 115; 102; 51; LEASE NO: ACREAGE: 34; 15.18750; 265;

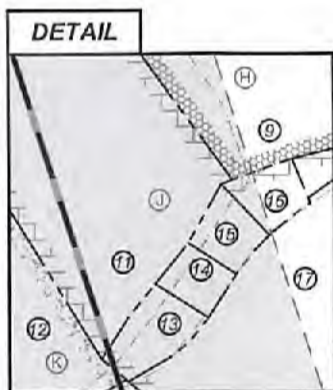
DISTRICT: West Union Antero SURFACE OWNER: Midstream, LLC ROYALTY OWNER: William a. Farr; James R. Fraley, et ux; David Lipscomb; James Lincoln Smith; WINNIE J. HACKLEY; ALTON J. CHILDERS, et al; AMP FUND III, LP; WVDNR; WILLIAM FRANKLIN WILLIS; THOMAS L. BARNES, et ux; GRACE EVELYN BUNNER; WV STATE RAIL AUTHORITY; WANDA LONGACRE, et al; C.M. TATE, et ux; W.L. DAVIS, et ux; BETTY LOU CALLHOUN; JACKSON V. MOFFATT; FRANKLIN L. BUTLER & KEY OIL CO.;

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,400' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,600' 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



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	7-18	Antero Midstream, LLC	387/708	116.54
4	7-19	James R. Fraley, Jr.	459/86	2.60
5	7-12.1	James R. Fraley, Jr.	459/86	41.00
6	8-53	Charter McKinney Heirs	69/311	13.00
7	8-24	Robert Sponaugle	248/81	13.00
8	8-31.1	Jackson H. & Doris Todd Calhoun	365/647	41.92
9	8-31	Jacqueline D. & Gayford A. Cox	469/369	53.75
10	7-25	Robert W. Sponaugle, et al	369/496	49.50
11	8-40	Spencer Enterprise, LLC	261/512	11.06
12	12-2	Frank Jr. & Doris E. Holtz	235/23	13.54
13	8-40.4	Kristen Thomas	362/507	0.81
14	8-40.3	Jonathan M. Johnson	305/616	0.48
15	8-40.2	Sharon K. & Robert W. Sponaugle	W37/387	0.56
16	8-40.1	Melanie A. & Benjamin M. Blair	330/195	0.56
17	8-45	Tensil D. Davis	312/177	20.89
18	12-4	Sharon E. Walker & Ronald J. Burns	259/365	18.70
19	12-1	Antero Midstream, LLC	378/34	18.90
20	34-98	Roy F. Rupert	122/141	0.32
21	12-6	Rossie & Eva Lowery, et al	258/336	15.30
22	12-7	Harold F. Robinson, et al	196/331	26.00
23	12-23	Rossie & Eva Lowery	258/336	14.63
24	12-103	Barnes Siblings Property, LLC	471/545	43.11
25	12-101	WV Railroad Maintenance Authority	216/166	11.30
26	12-50	Key Oil Co, et al	252/558	76.98
27	12-51	Key Oil Co., et al	259/283	43.70
28	12-64	Frank L. Butler, et al	259/275	34.13
29	12-64.2	Frank L. Butler, et al	259/275	0.55
30	12-65	James T. & Claire A. Robinson, et al	436/595	10.86
31	12-72	James T. & Claire A. Robinson, et al	436/595	35.96
32	12-72.4	Doddridge County 4-H Association	162/441	44.30
33	12-64.1	Frank L. Butler, et al	259/275	15.50
34	16-1	Barbara Jo McCutchan	333/91	123.17
35	16-21	Dustin Underwood & Matthew Samer	309/252	27.27
36	16-22	William H. Knisely, III	247/201	27.27
37	16-7	Doddridge County Park & Recreation	304/437	179.23
38	16-17	I. L. Morris	230/307	108.59



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

DATE: November 12 2021  
 OPERATOR'S WELL NO. McKean Unit 1H  
 API WELL NO  
47 - 017 - 06914  
 STATE COUNTY PERMIT

FILE NO: 46-30-WU-14  
 DRAWING NO: McKean Unit 1H Well Plat  
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 MINIMUM DEGREE OF ACCURACY:  
Submeter  
 PROVEN SOURCE OF ELEVATION:  
WVDOT, Harrisville, WV

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 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: Existing: 1,216' Proposed: 1,189' WATERSHED: Middle Island Creek QUADRANGLE: TH: West Union BH: Smithburg  
 DISTRICT: West Union Antero Winnie J. Hackley; Alton J. Childers, et al; AMP Fund III, LP; WVDNR COUNTY: Dodder 40.37; 54.48;  
 SURFACE OWNER: Midstream, LLC William Franklin Willis; Thomas L. Barnes, et ux; Grace Evelyn Bunner; 49.29; 53.125;  
 ROYALTY OWNER: William a. Farr; James R. Fraley, et ux; David Lipscomb; James Lincoln Smith; WV State Rail Authority; Wanda Longacre, et al; C.M. Tate, et ux; W.L. Davis, et ux; 45.3; 41; 2.96; 180; ACREAGE: 45.8 95.67; 38.75; 30;  
 LEASE NO: \_\_\_\_\_ ACREAGE: 34; 15.18750; 265;

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  
24,600' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
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Well No. McKean 1H**

Antero Resources Corporation

Sheet 1 of 2

9,653' to Bottom Hole

3,599' to Top Hole

TOP HOLE LATITUDE 39 - 20 - 00  
BTM HOLE LATITUDE 39 - 17 - 30

**Notes**  
West Virginia Coordinate System of 1927, North Zone  
based upon Differential GPS Measurements.  
Well No. McKean Unit 1H Top Hole coordinates are  
N: 299,217.64' Latitude: 39°18'52.69"  
E: 1,642,739.89' Longitude: 80°45'45.79"  
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TOP HOLE LONGITUDE 80 - 45 - 00  
BTM HOLE LONGITUDE 80 - 42 - 30  
5,730' to Bottom Hole  
6,810' to Top Hole



Proposed Well No. McKean Unit 1H

47-017-4722

47-017-4795

47-017-4797

47-017-4721

47-017-5259

47-017-04702



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.

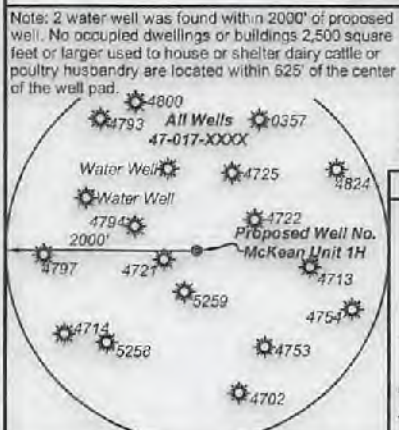
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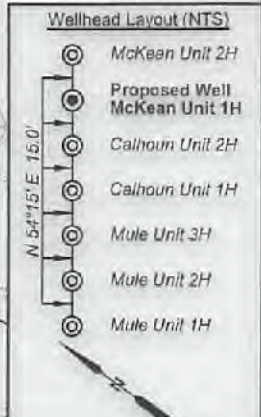
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U	Alton J. Childers, et al
V	Winnie J. Hackley
W	W.L. Davis, et ux



	Bearing	Dist.
L1	N 88°12' E	1,580.4'
L2	S 67°55' E	673.4'
L3	S 62°46' W	699.1'
L4	N 17°21' W	1,561.8'
L5	N 73°09' E	982.0'

- Legend**
- Proposed gas well
  - ⊙ Monument, as noted
  - ⊙ Existing Well, as noted
  - ⊙ Digitized Well, as noted
  - Creek or Drain
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  - Surface boundary (approx.)
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DISTRICT: West Union Antero COUNTY: Doddridge  
SURFACE OWNER: Midstream, LLC ACREAGE: 45.8  
ROYALTY OWNER: William a. Farr; James R. Fraley, et ux; David Lipscomb; James Lincoln Smith; LEASE NO: ACREAGE: 34; 15.18750; 265;  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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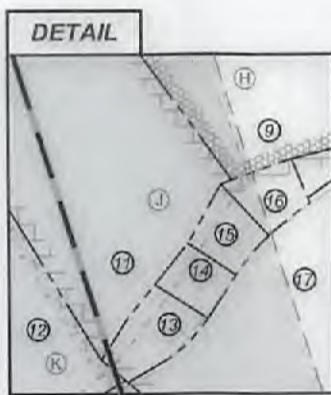
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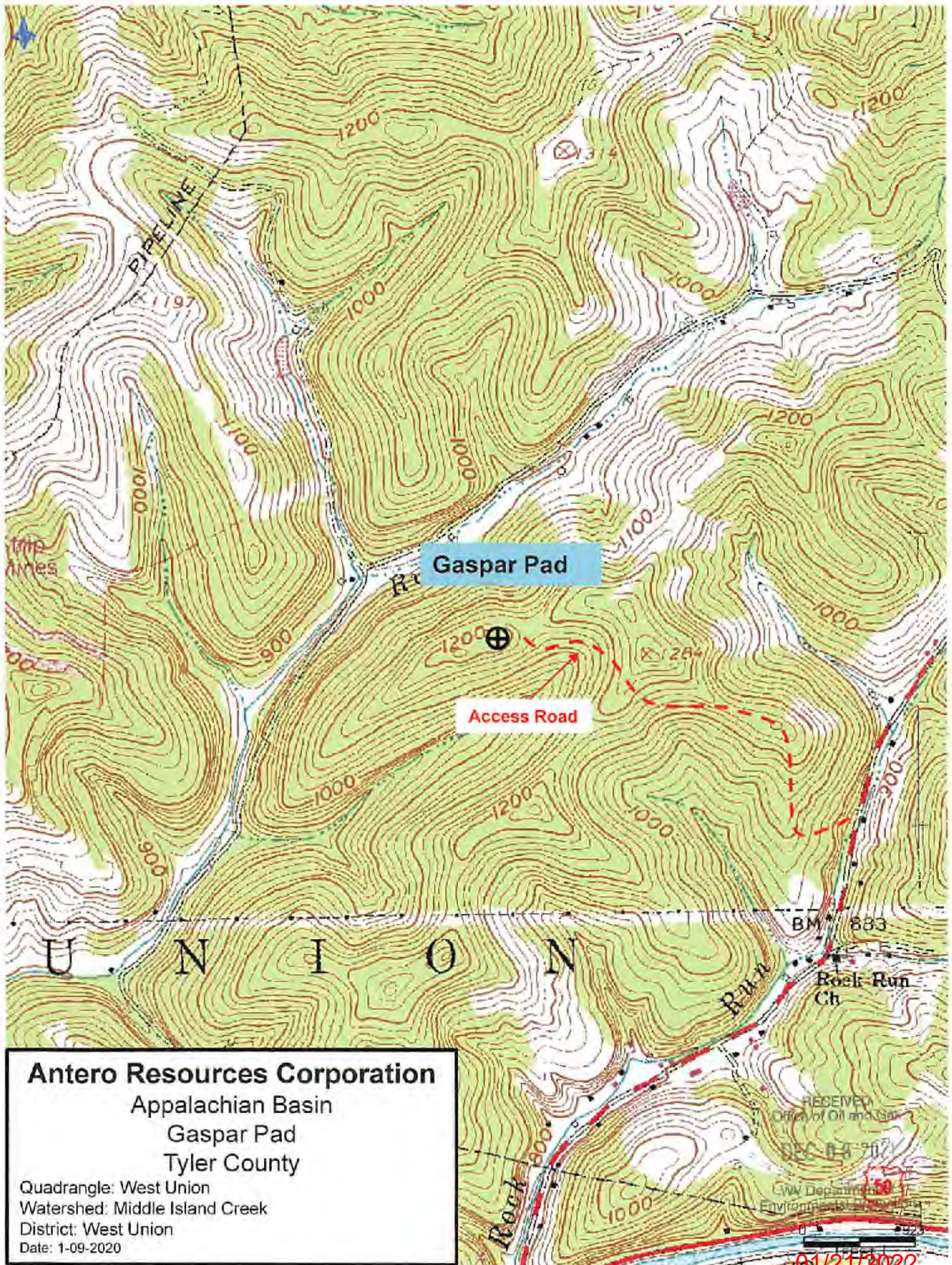
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**OIL AND GAS DIVISION**

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01/21/2022