

LATITUDE 39°32'30"

5,428'

LATITUDE 39°30'00" 1,552' TO BOTTOM HOLE

Antero Resources Corporation Well No. Toroweap 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 369,695ft E: 1,630,134ft LAT: 39°30'27.44" LON: 80°48'39.25" BOTTOM HOLE INFORMATION: N: 358,715ft E: 1,633,852ft LAT: 39°28'39.46" LON: 80°47'49.80" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 4,373,136m E: 516,271m BOTTOM HOLE INFORMATION: N: 4,369,810m E: 517,460m

WV NORTH ZONE GRID NORTH

Table with 2 columns: Parcel ID and Owner Name. Lists various landowners in Ellsworth and MacElroy Districts, including James Barnhart, Harvey Miller Et Al, and others.

8,149' TO BOTTOM HOLE

12,401'

LONGITUDE 80°47'30"

LONGITUDE 80°47'30"

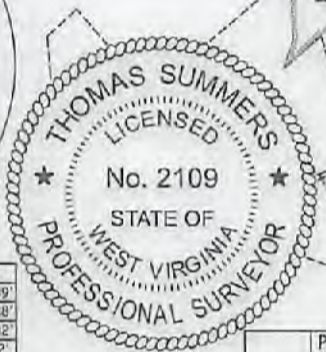
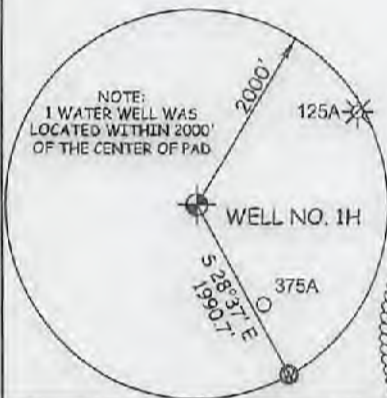


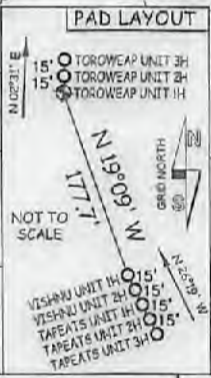
Table with 6 columns: LINE, BEARING, DIST., LINE, BEARING, DIST. Lists boundary line data for the well pad.

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

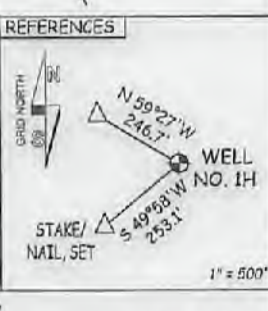
WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 21-011WA DRAWING # TOROWEAP1H SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND: Surface Owner Boundary Lines +/-, Adjoining Surface Tracts +/-, Found monument, as noted. Includes signature of Thomas Summers and date 11/02/21.

REFERENCES: (NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,346,816ft E: 1,693,753ft POINT OF ENTRY INFORMATION: N: 14,346,694ft E: 1,693,874ft BOTTOM HOLE INFORMATION: N: 14,335,904ft E: 1,697,653ft



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 - 02765 H6A (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION AS BUILT - 1,243.5' WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER SURFACE OWNER KENNETH TOMBLIN ET AL ACREAGE 290.32 ACRES +/- OIL & GAS ROYALTY OWNER S. A. SMITH AND C. B. MORRIS HEIRS TRUST; BETTY MOREHEAD ET VIR; LEASE ACREAGE 290.32 AC.±: 68.88 AC.±: JAY A. WRIGHT ET UX; MORRIS MOUNTAINEER OIL & GAS LLC; CAROL J. KNAPP; 40.81 AC.±: 45.98 AC.±: 77.5 AC.±: 2/17/2021 BERNICE BAKER; JAMES A. WEEKLEY ET AL; JANIE DEMOON TRUST; MICHAEL SHERWOOD 45 AC.±: 58.5 AC.±: 20 AC.±: 32.5 AC.±:

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 19,500' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT



LATITUDE 39°32'30"

5,428'

LATITUDE 39°30'00" 1,552' TO BOTTOM HOLE

### Antero Resources Corporation Well No. Toroweap 1H

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 N: 4,373,136m E: 516,271m  
 BOTTOM HOLE INFORMATION:  
 N: 4,369,810m E: 517,460m

Ellsworth District - Tyler County	
16-14	James Barnhart
16-15	Harvey Miller Et Al
16-28	Kenneth Tomblin Et Al
16-29	Michael Tomblin
16-30	Christopher Investments Inc.
16-31	Christopher Investments Inc.
16-33	J. A. Weekley Hrs.
16-34	J. A. Weekley Hrs.
16-35	Jay Wright
17-56	J. A. Weekley Hrs.
22-9	Steven Wright
22-10	Leslie Henderson
22-11	Angelin DeCoele
22-13	Christopher Blake
22-14	Susan Dalsordo
22-14.1	Sheryl Hayes
22-27	C. W. Weekley Hrs.
22-28	WSD Properties LLC
23-02	Dale Parr
23-03	Jack Har
23-04	Jack Har
McElroy District - Tyler County	
2-01	Jack Har
2-02	Jack Har
2-15	Leo Wiker
2-28	Jay Bee Oil & Gas Inc.
2-29	Cecil Nichols

WV NORTH ZONE GRID NORTH

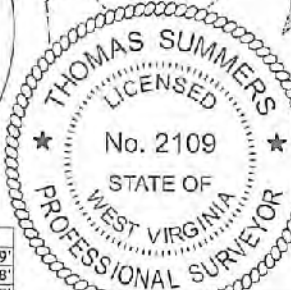
8,149' TO BOTTOM HOLE

12,401'

LONGITUDE 80°47'30"

LONGITUDE 80°47'30"

NOTE:  
 1 WATER WELL WAS LOCATED WITHIN 2000' OF THE CENTER OF PAD

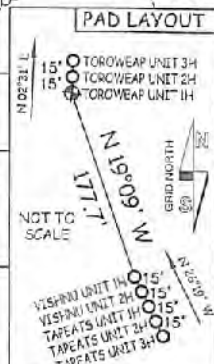


LINE	BEARING	DIST.	LINE	BEARING	DIST.
L1	N 79°23' W	1820.54'	L7	N 17°11' W	1289.39'
L2	N 72°38' W	1737.73'	L8	N 14°44' W	1409.38'
L3	N 69°39' W	1680.54'	L9	N 07°35' W	1774.82'
L4	N 45°05' W	1540.95'	L10	N 03°37' W	1761.12'
L5	N 36°53' W	1627.55'	L11	N 17°55' E	1113.36'
L6	N 30°40' W	1612.05'	L12	N 48°24' E	1322.09'

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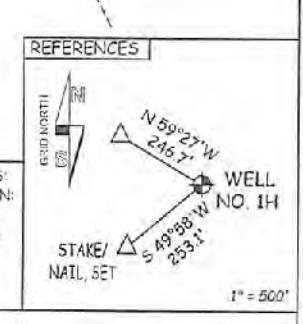
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 21-011WA  
 DRAWING # TOROWEAP1H  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND  
 - - - Surface Owner Boundary Lines +/-  
 - - - Adjoining Surface Tracts +/-  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109  
 DATE 11/02/21  
 OPERATOR'S WELL# TOROWEAP UNIT #1H

(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
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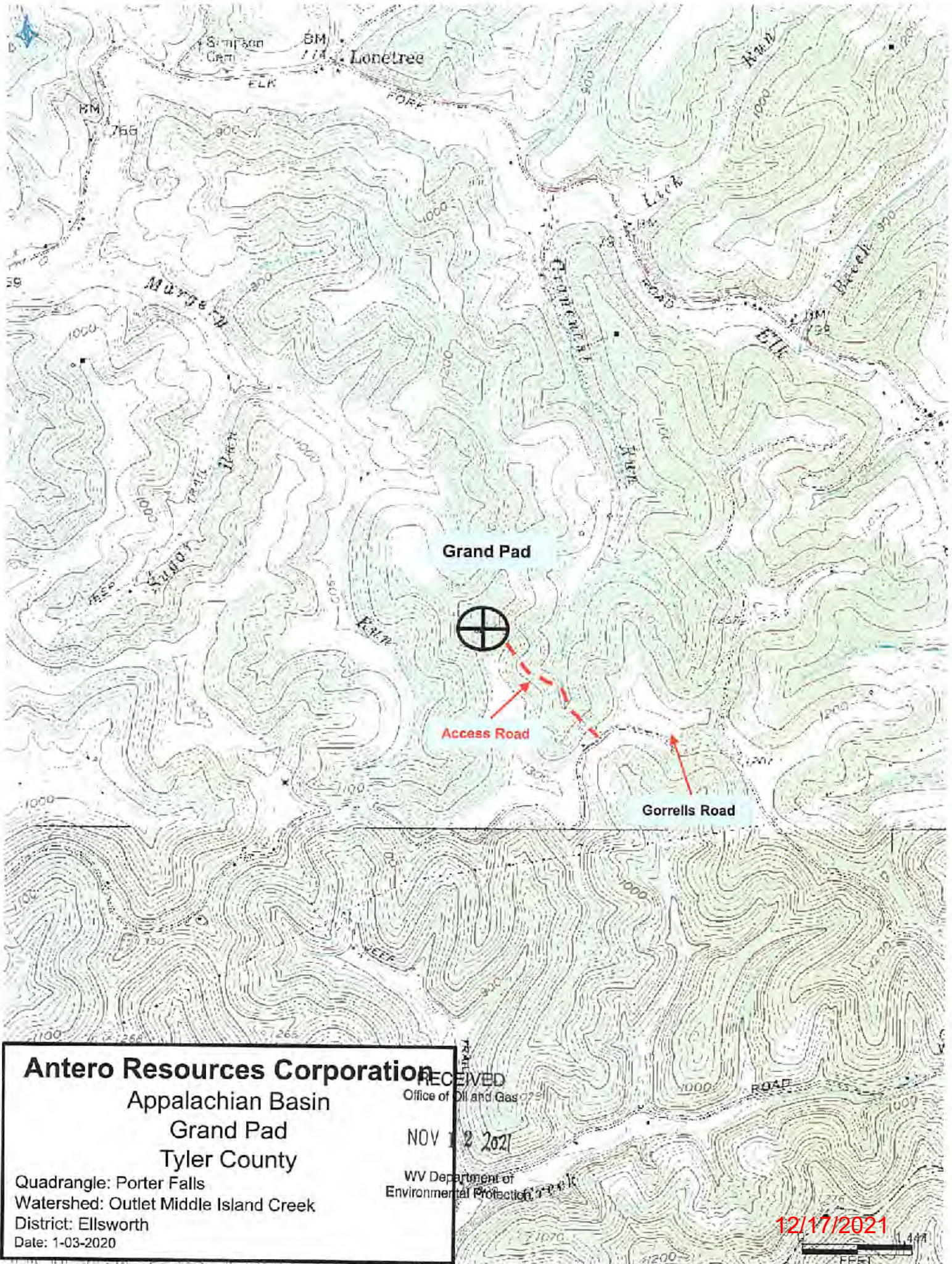


WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  47 - 095 - 02765 H6A  
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW  STATE COUNTY PERMIT  
 LOCATION: ELEVATION AS BUILT - 1,243.5' WATERSHED OUTLET MIDDLE ISLAND CREEK  
 QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER  
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 JAY A. WRIGHT ET UX; MORRIS MOUNTAINEER OIL & GAS LLC; CAROL J. KNAPP 40.81 AC. ±; 45.98 AC. ±; 77.5 AC. ±; 121772021  
 BERNICE BAKER; JAMES A. WEEKLEY ET AL; JANIE DENOON TRUST; MICHAEL SHERWOOD 45 AC. ±; 58.5 AC. ±; 20 AC. ±; 32.5 AC. ±;

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 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG  
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 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT





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

Quadrangle: Porter Falls  
Watershed: Outlet Middle Island Creek  
District: Ellsworth  
Date: 1-03-2020

RECEIVED  
Office of Oil and Gas  
NOV 12 2021  
WV Department of  
Environmental Protection

12/17/2021  
444  
FEET