

LATITUDE 39°32'30"

5,427'

LATITUDE 39°30'00"

11,578' TO BOTTOM HOLE

8,327' TO BOTTOM HOLE

12,401'

LONGITUDE 80°45'00"

LONGITUDE 80°47'30"

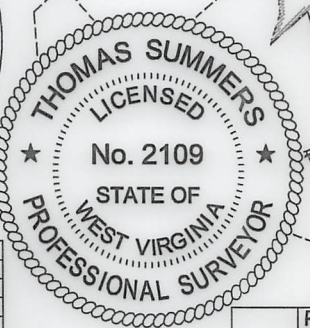
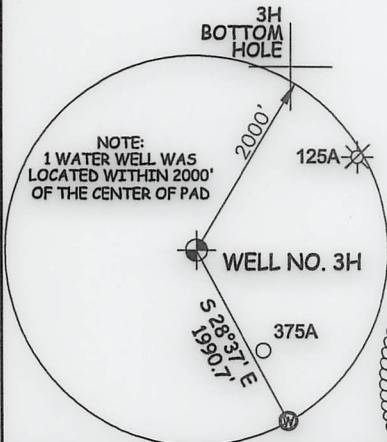
Antero Resources Corporation Well No. Toroweap 3H

AS DRILLED DATA:
WELL 3H TOP HOLE INFORMATION:
 N: 369,725ft E: 1,630,135ft
 LAT: 39°30'27.73" LON: 80°48'39.24"
BOTTOM HOLE INFORMATION:
 N: 358,512ft E: 1,635,585ft
 LAT: 39°28'37.69" LON: 80°47'27.66"
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 3H TOP HOLE INFORMATION:
 N: 4,373,145m E: 516,272m
BOTTOM HOLE INFORMATION:
 N: 4,369,757m E: 517,989m

WV NORTH ZONE
GRID NORTH

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	Angela DeGuelle
22-13	Christopher Blake
22-14	Susan Delsordo
22-14.1	Sheryl Hayes
22-27	C. W. Weekley Hrs.
22-28	WSD Properties LLC
23-02	Dale Parr
23-03	Jack Hair
23-04	Jack Hair
McElroy District - Tyler County	
2-01	Jack Hair
2-02	Jack Hair
2-15	Leo Wiker
2-28	Jay Bee Oil & Gas Inc.
2-29	Cecil Nichols

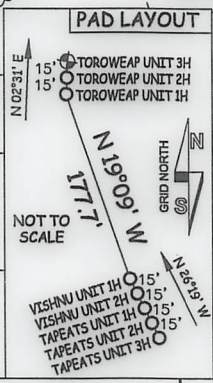


LINE	BEARING	DIST.	LINE	BEARING	DIST.
L1	N 79°23' W	1820.64'	L7	N 17°11' W	1289.39'
L2	N 72°38' W	1737.73'	L8	N 14°44' W	1409.38'
L3	N 69°39' W	1680.54'	L9	N 07°35' W	1774.82'
L4	N 45°05' W	1540.95'	L10	N 03°37' W	1761.12'
L5	N 36°53' W	1627.55'	L11	N 17°55' E	1113.36'
L6	N 30°40' W	1612.05'	L12	N 48°24' E	1322.09'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 # TOROWEAP3HAD
 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 +/-
- - -	Interior Surface Tracts +/-
○	Proposed Well Path
⊗	As Drilled Well Path

THOMAS SUMMERS P.S. 2109
 DATE 10/11/22
 OPERATOR'S WELL# TOROWEAP UNIT #3H

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
 N: 14,346,846ft E: 1,693,754ft
POINT OF ENTRY INFORMATION:
 N: 14,347,196ft E: 1,695,484ft
BOTTOM HOLE INFORMATION:
 N: 14,335,729ft E: 1,699,388ft

- NOTES**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ API WELL # 47 - 095 - 02767
 (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
 SURFACE OWNER KENNETH TOMBLIN ET AL ACREAGE 290.32 ACRES +/-
 OIL & GAS ROYALTY OWNER S. A. SMITH AND C. B. MORRIS HEIRS TRUST; MICHAEL LEE TOMBLIN; LEASE ACREAGE 290.32 AC.±; 55 AC.±;
 GREENBRIER ROYALTY FUND II, LLC; BETTY MOREHEAD ET VIR; BETTY MOREHEAD; 40 AC.±; 58 AC.±; 16.5 AC.±; 07/21/2023
 BETTY MOREHEAD ET VIR; JAY A. WRIGHT ET UX; MORRIS MOUNTAINEER OIL & GAS LLC; 15 AC.±; 40.81 AC.±; 45.98 AC.±;
 BETTY MOREHEAD ET VIR; DALE H. PARR ET UX; JOSEPHINE CALVIN; BRC APPALACHIAN MINERALS 1 LLC; MICHAEL SHERWOOD 49.81.±; 70 AC.±; 21 AC.±; 107 AC.±; 156.25 AC.±
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL ___
 (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,936' TVD 19,468' 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