

LATITUDE 39°32'30" 392'

LATITUDE 39°32'30" 5,179' TO BOTTOM HOLE

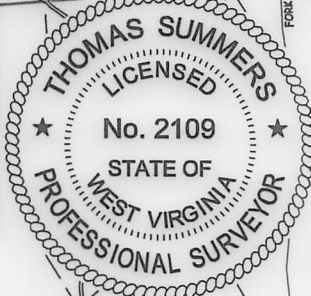
5,024'

LONGITUDE 80°45'00"

LONGITUDE 80°47'30"

Antero Resources Corporation Well No. Purple Unit 1H

Ellsworth District - Tyler County	
07-07	Lillie Gump
07-08	Lillie Gump
07-09	Harold Yost
07-10	William Hope
07-11	William Hope
07-12	William Hope
07-13	William Hope
07-14	William Hope
07-15	John Bennett
07-16	John Bennett
07-23	Harold Yost
07-25	BB Farm Investments LLC
07-26	William Hope
07-27	James Kleeh
11-14	Paul Thomas
11-15	BB Farm Investments LLC
11-16	James Kleeh
11-17	James Kleeh
11-18	Sarah Sine
11-18.1	Sarah Sine
11-19	Elzie Hall
11-20	Edward Quirk
11-21	Edward Quirk
11-22	Nile Harris
11-59	Edward Quirk
11-60	Michael Martin
12-01	James Kleeh
12-02	Gary Midcap
12-07	Coastal Forest Resources Co.
12-08	Shirley Carroll
12-09	Coastal Forest Resources Co.
12-10	Michael Martin
12-11	Rickie Wallace
12-12	Rockford Energy LLC
12-13	Eric Fisher
12-33	Richard Neff
Green District - Wetzel County	
11-39	Michael Smith
11-40	David Smith Et Al
15-2	Barbara Clark
15-2.1	Robert Clark
15-3	Robert Clark
15-6	Robert Clark
15-10	Antero Midstream LLC



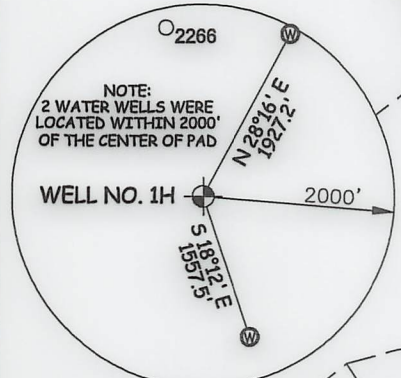
AS DRILLED DATA:
 WELL 1H TOP HOLE INFORMATION:
 N: 376,998ft E: 1,635,275ft
 LAT: 39°31'40.34" LON: 80°47'35.00"
 BOTTOM HOLE INFORMATION:
 N: 393,140ft E: 1,630,720ft
 LAT: 39°34'19.22" LON: 80°48'36.14"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
 ZONE WAS DERIVED FROM MEASUREMENTS TAKEN 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: 4,375,387m E: 517,801m
 BOTTOM HOLE INFORMATION:
 N: 4,380,282m E: 516,331m

NOTE

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.

WV NORTH ZONE GRID NORTH

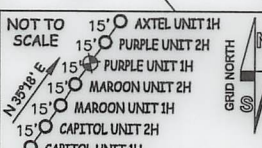


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

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 #	20-013WA	LEGEND - - - Surface Owner Boundary Lines +/- - - - Interior Surface Tracts +/- - - - Proposed Well Path - - - As Drilled Well Path
DRAWING #	PURPLE1HAD	
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		THOMAS SUMMERS P.S. 2109
DATE		10/11/22
OPERATOR'S WELL #		PURPLE UNIT #1H



(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,354,201ft E: 1,698,770ft
 POINT OF ENTRY INFORMATION:
 N: 14,354,601ft E: 1,699,318ft
 BOTTOM HOLE INFORMATION:
 N: 14,370,259ft E: 1,693,948ft

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02758
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT
 LOCATION: ELEVATION 1,200' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER
 SURFACE OWNER CLARA SUZANNE WALLACE & RICKIE WALLACE ACREAGE 60 ACRES +/- **09/15/2023**
 OIL & GAS ROYALTY OWNER PHILLIP K. GEORGE; RICHARD J. FERRELL ET AL; LARRY CARROLL ET UX; LEASE ACREAGE 60 AC.±; 27.9 AC.±; 70 AC.±;
MACK PERCY GAS WELL INC.; D. RALPH THACKER; BARBARA K. BAKER ET VIR; MURIEL SHERWOOD; WILLIAM D. HOPE; 163.13 AC.±; 75.97 AC.±; 112 AC.±; 163.96 AC.±; 183.72 AC.±;
JOHN BENNETT ET UX; LEE & HALL PROPERTIES; ROBERT E. CLARK ET UX; JAMES W. YOHO ET UX; DAVID L. SMITH; JOHN MATHIEW STALEY; DAVID L. SMITH 103.05 AC.±; 49.68 AC.±; 4.32 AC.±; 119.69 AC.±; 27 AC.±; 4 AC.±; 50 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 6,810' TVD 23,766' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME

PERMIT