

LATITUDE 39°20'00"

8,710'

LATITUDE 39°22'30" 5,103' TO BOTTOM HOLE

**Antero Resources Corporation**  
**Well No. Hanely #1H****AS DRILLED DATA:**

**WELL 1H TOP HOLE INFORMATION:**  
N: 298,177ft E: 1,566,866ft  
LAT: 39°18'30.75" LON: 81°01'50.82"  
**BOTTOM HOLE INFORMATION:**  
N: 313,296ft E: 1,558,941ft  
LAT: 39°20'58.81" LON: 81°03'34.97"  
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: 4,351,026m E: 497,361m  
**BOTTOM HOLE INFORMATION:**  
N: 4,355,591m E: 494,869m

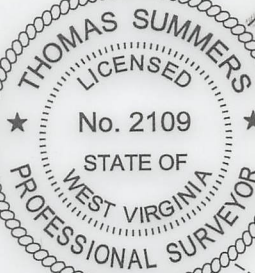
**(NAD) 27 (UTM) ZONE 17 COORDS:**  
**WELL 1H TOP HOLE INFORMATION:**  
N: 14,274,277ft E: 1,631,709ft  
**POINT OF ENTRY INFORMATION:**  
N: 14,273,259ft E: 1,629,077ft  
**BOTTOM HOLE INFORMATION:**  
N: 14,289,256ft E: 1,623,536ft

**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.

**NOTE:**

NO WATER WELLS  
LOCATED WITHIN 2000'  
OF PROPOSED WELL

**WELL NO. 1H**

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 # 23-027WA

DRAWING # HANELY1HAD

SCALE 1" = 2000'

MINIMUM DEGREE OF  
ACCURACY SUBMETERPROVEN 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 12/12/24

OPERATOR'S WELL# HANELY UNIT #1H

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ 47 - 085 - 10512  
(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒ STATE COUNTY PERMIT  
LOCATION: ELEVATION 1,066' - AS BUILT WATERSHED NORTH FORK HUGHES RIVER  
QUADRANGLE ELLENBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
SURFACE OWNER MICHAEL UNDERWOOD ET AL ACREAGE 50 ACRES +/- 04/04/2025  
OIL & GAS ROYALTY OWNER RONNEL L. UNDERWOOD ET AL LEASE ACREAGE 266.83 ACRES±

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 6,154' TVD 24,179' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS  
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD  
FORM WW-6 DENVER, CO 80202 BRIDGEPORT, WV 26330

CLAY DISTRICT RITCHIE COUNTY		LAFAYETTE DISTRICT PLEASANTS COUNTY	
6-18	Consolidated Timberlands LLC	9-11	Harold Anderson
11-12	Donald Ritchey	9-17	Michael Clark
11-12.1	Donald Ritchey	9-20	Alton Glatfelter
11-13	Sycamore Springs LP	9-21	Alton Glatfelter
11-14	Kevin Mossor	9-24	Matthew West
11-31	Kevin Mossor	10-25	Christopher Hackathorn II
11-32	Lorena Mossor Et Al	10-25.4	Ellery Wilson
11-32.1	Roger Mossor	10-32	Emily Williamson
11-32.2	John McDonald	10-39	Robert Jay
11-42	Judith Packman Et Al	10-40	Mark Hadley
11-42.1	Judith Packman Et Al	11-13	Vernon Rose
12-5	Wanda McKinney	11-21	Timothy Cunningham
12-6.2	Adams County Hunt Club LLP	11-22	Robert Jay
12-16	Michael Underwood Et Al	12-2	Stanley Martin
12-16.1	Michael Underwood Et Al	12-2.1	David Metz
12-16.2	Michael Underwood Et Al	12-2.3	Teresa Williamson
12-16.3	Michael Underwood Et Al	12-2.4	Teresa Williamson
12-17	Erma Smith Et Al	12-2.5	Nancy Martin
18-4	David Villers	12-3	Robert Jay
18-5	Michael Underwood Et Al	12-4	Hazel Workman
		12-4.1	Ricky Mossor
		12-4.2	Ricky Mossor
		12-4.3	Ricky Mossor

**LESSOR**

A	HAROLD REX ANDERSON, JR.
B	ANTERO MINERALS, LLC.
C	REX A. COX AND PAMELA L. COX
D	REX A. COX AND PAMELA L. COX
E	SONYA G. POLING
F	ROBERT H. JAY AND MADGE V. JAY
G	ADA WEEKLY ET AL
H	WANDA MAE GLOVER
I	RIVERSIDE RESOURCES, LLC.
J	J.R. MORRISON ET AL
K	TIMOTHY R. CUNNINGHAM
L	SHEILA R. McDONALD
M	SYCAMORE SPRINGS LIMITED PARTNERSHIP
N	NATHANIEL LYLE MASON
O	KEVIN MOSSOR
P1	STEVEN ALKIRE
P2	STEVEN ALKIRE
P3	STEVEN ALKIRE
Q	ROSE ALKIRE ET AL
R	ROSE ALKIRE ET AL
S	VERNON L. ROSE AND TERRY L. ROSE
T	M. B. LEASEBURG ET UX
U	RONNEL UNDERWOOD ET AL
V	RONNEL UNDERWOOD ET AL

9,226' TO BOTTOM HOLE

9,030'

LONGITUDE 81°02'30"

LONGITUDE 81°00'00"