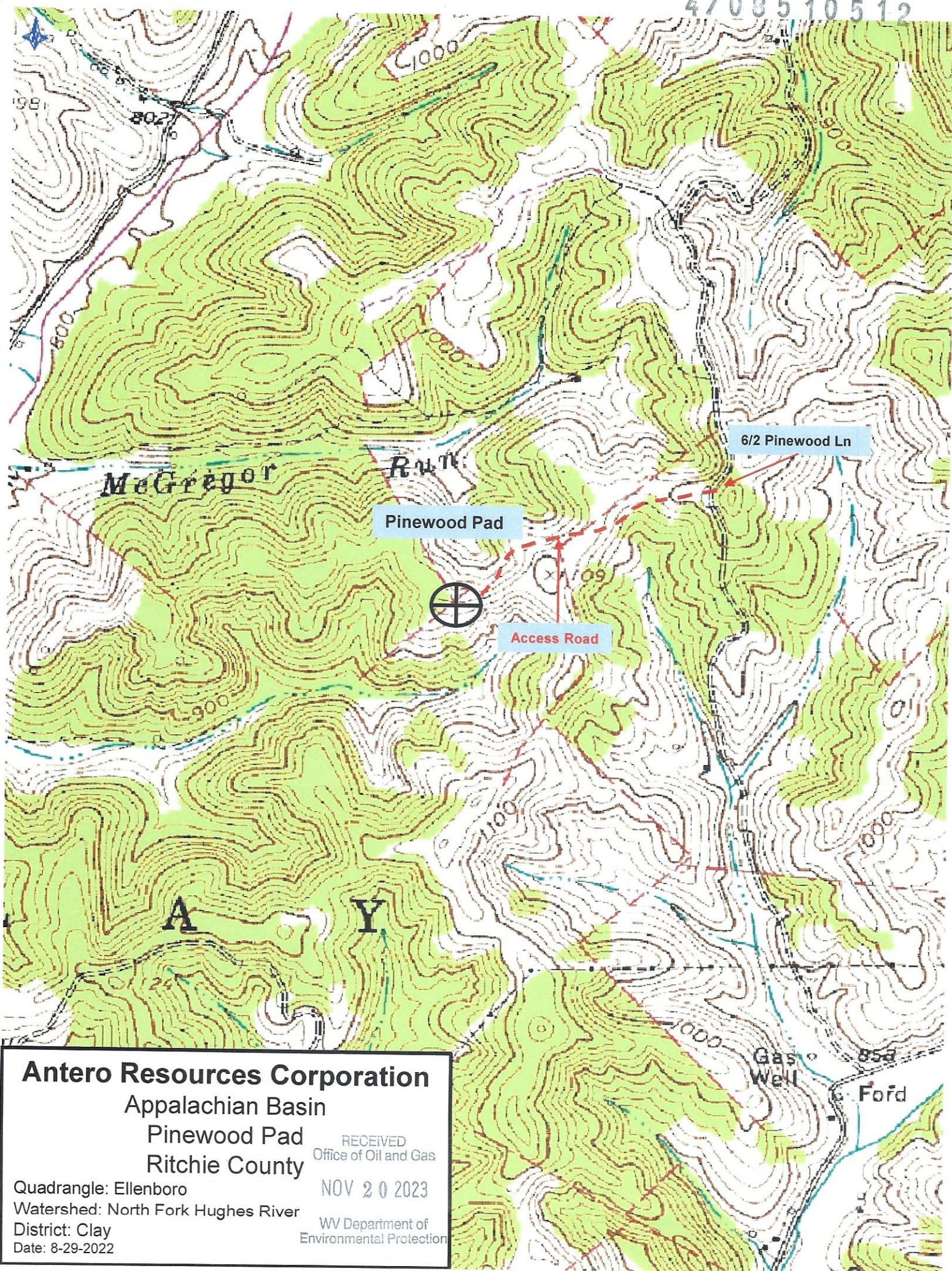


4708510512



**Antero Resources Corporation**

Appalachian Basin

Pinewood Pad

Ritchie County

RECEIVED  
Office of Oil and Gas

NOV 20 2023

WV Department of  
Environmental Protection

Quadrangle: Ellenboro

Watershed: North Fork Hughes River

District: Clay

Date: 8-29-2022

12/22/2023

LATITUDE 39°20'00"

8,710'

LATITUDE 39°20'00"

11,349' TO BOTTOM HOLE

Antero Resources Corporation Well No. Hanely #1H

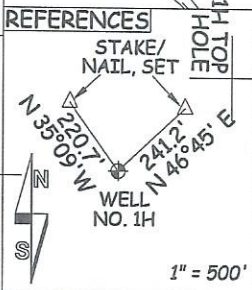
CLAY DISTRICT RITCHIE COUNTY	
11-32	Lorena Mossor Et Al
11-42.1	Judith Packman Et Al
12-6.2	Adams County Hunt Club LLP
12-16	Michael Underwood Et Al
12-16.1	Michael Underwood Et Al
12-16.2	Michael Underwood Et Al
12-16.3	Michael Underwood Et Al
12-17	Erma Smith Et Al
18-4	David Villers
18-5	Michael Underwood Et Al

**NOTES:**  
**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: 297,192ft E: 1,564,210ft  
 LAT: 39°18'20.56" LON: 81°02'24.38"  
 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: 4,350,712m E: 496,557m

**(NAD) 27 (UTM) ZONE 17 COORDS:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 14,274,277ft E: 1,631,709ft  
**POINT OF ENTRY INFORMATION:**  
 N: 14,272,775ft E: 1,629,235ft  
**BOTTOM HOLE INFORMATION:**  
 N: 14,273,248ft E: 1,629,072ft

**NOTE**  
 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.



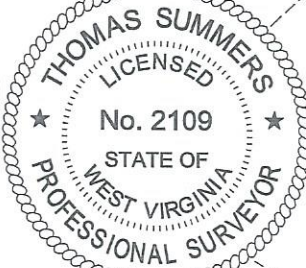
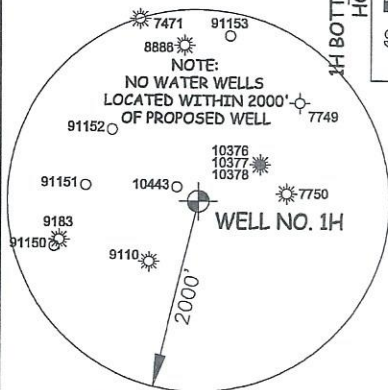
WV NORTH ZONE GRID NORTH

10,061' TO BOTTOM HOLE

9,030'

LONGITUDE 81°00'00"

LONGITUDE 81°00'00"



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 # 23-027WA  
 DRAWING # HANELY1HS  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

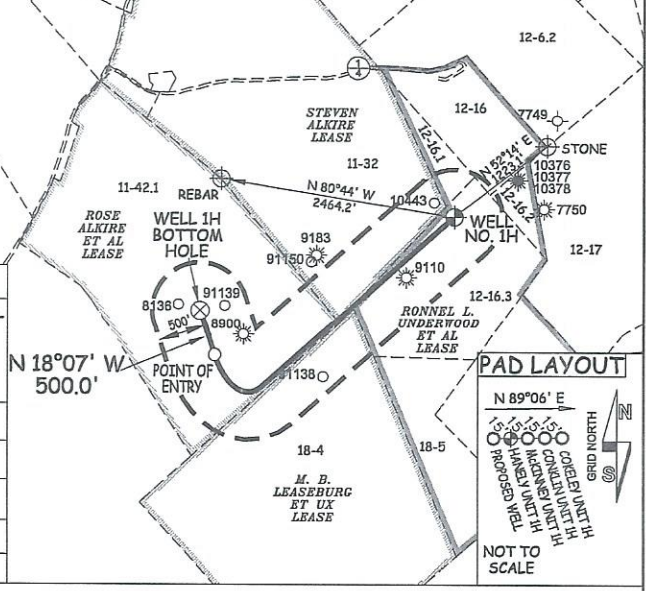
**LEGEND**  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Adjoining Surface Tracts +/-  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

DATE 11/08/23  
 OPERATOR'S WELL# HANELY UNIT #1H

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 085 - 10512  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X 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 +/-  
 OIL & GAS ROYALTY OWNER RONNEL L. UNDERWOOD ET AL LEASE ACREAGE 266.83 ACRES **12/22/2023**

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE  
 PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL X  
 (SPECIFY) \_\_\_ PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 11,100' 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



COUNTY NAME PERMIT