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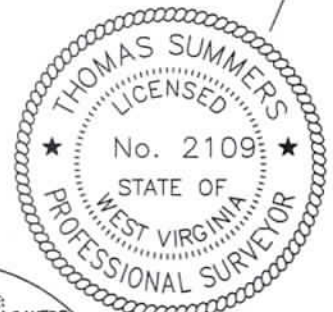
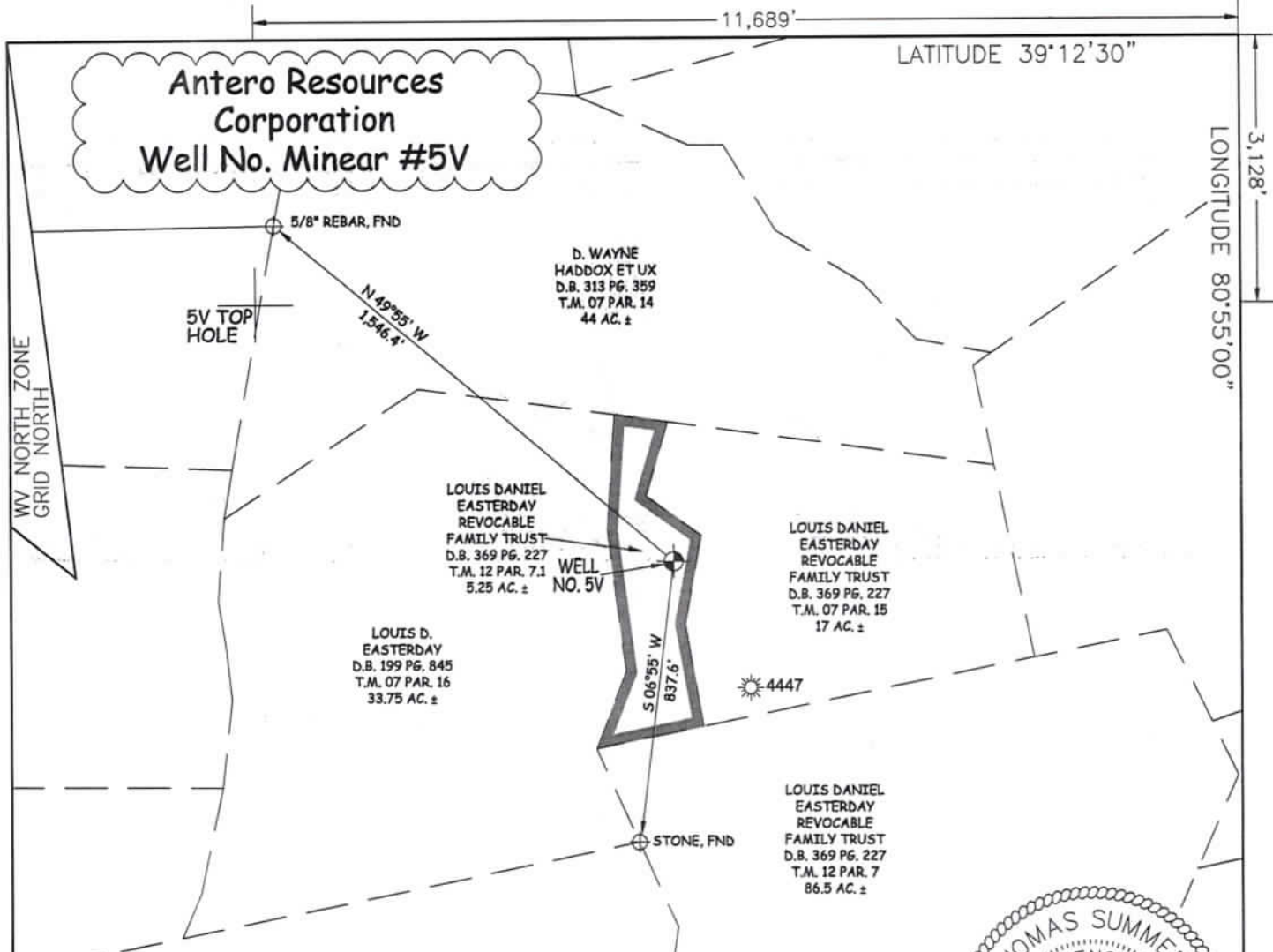
**Antero Resources Corporation**  
 Appalachian Basin  
 Minear Pad  
 Ritchie County

Quadrangle: Pullman  
 Watershed: South Fork Hughes River  
 District: Union  
 Date: 10-24-2023

RECEIVED  
 Office of Oil and Gas  
 NOV 06 2023  
 WV Department of  
 Environmental Protection

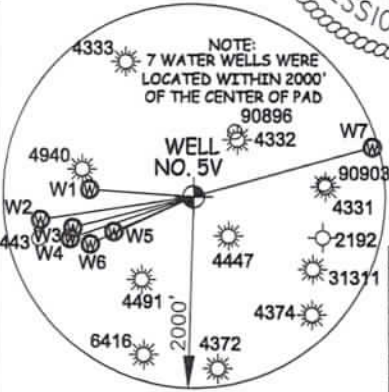
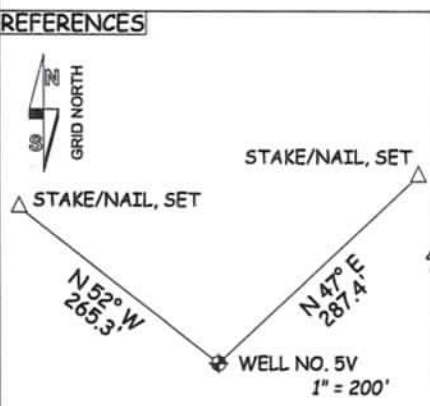
12/15/2023





**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. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF THE PROPOSED WELL.

**NOTES:**  
 WELL 5V TOP HOLE INFORMATION:  
 WV STATE PLANE NAD 27 COORDS:  
 N: 258,214ft E: 1,586,840ft  
 GEOGRAPHIC NAD 27 COORDS:  
 LAT: 39°11'59.08" LON: 80°57'28.48"  
 (NAD) 83 (UTM) ZONE 17 COORDS:  
 N: 4,338,953m E: 503,649m  
 (NAD) 27 (UTM) ZONE 17 COORDS:  
 N: 14,234,668ft E: 1,652,340ft  
 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.



WATER WELLS		
W1	S 86°08' E	1093.5'
W2	S 81°22' W	1624.9'
W3	S 75°32' W	1309.4'
W4	S 71°11' W	1368.5'
W5	S 66°20' W	914.7'
W6	S 65°21' W	1193.6'
W7	N 74°39' E	1936.7'

JOB # 23-001WA  
 DRAWING # MINEAR5V  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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.

**LEGEND**  
 ——— Surface Owner Boundary Lines +/-  
 - - - - - Adjoining Surface Tracts +/-  
 ⊕ Found Monument, As Noted  
 THOMAS SUMMERS P.S. 2109



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

DATE 09/22/23  
 OPERATOR'S WELL# MINEAR#5V  
 API WELL # 47 - 085 - 10509 H67  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
 WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION PROPOSED - 1,097' EXISTING - 1,111' WATERSHED SOUTH FORK HUGHES RIVER  
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE  
 SURFACE OWNER LOUIS DANIEL EASTERDAY REVOCABLE LIVING TRUST ACREAGE 5.25 ACRES +/-  
 OIL & GAS ROYALTY OWNER JOSEPH A. HOWARD LEASE ACREAGE 5.25 ACRES +/-  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG & ABANDON  CLEAN OUT & REPLUG  ESTIMATED DEPTH 6,700' TVD 6,700' MD  
 TARGET FORMATION MARCELLUS  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 535 WHITE OAK BLVD.  
DENVER, CO 80202 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT