

LATITUDE 39°22'30"

10,375'

LATITUDE 39°20'00"

9,752' TO BOTTOM HOLE

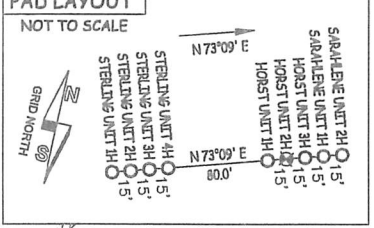
3,722' TO BOTTOM HOLE

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
 N: 312,018ft E: 1,612,572ft
 LAT: 39°20'54.83" LON: 80°52'12.08"
BOTTOM HOLE INFORMATION:
 N: 302,741ft E: 1,613,057ft
 LAT: 39°19'23.21" LON: 80°52'04.10"
 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 2H TOP HOLE INFORMATION:
 N: 4,355,475m E: 511,214m
BOTTOM HOLE INFORMATION:
 N: 4,352,651m E: 511,410m



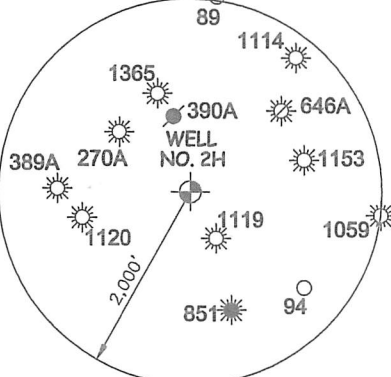
Antero Resources Corporation
 Well No. Horst Unit 2H

JOB # 17-011WA
 DRAWING # HORST2HAD
 SCALE 1" = 1000'
 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 +/-
 O - - - - - Proposed Well Path
 O - - - - - As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202
 DATE 02/18/20

NOTE:
 NO WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD

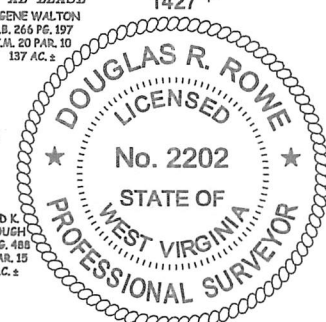


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

- 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
 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 ___ OPERATOR'S WELL# HORST UNIT #2H
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW 47 - 095 - 02516
 LOCATION: ELEVATION 1,111'-AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK STATE COUNTY PERMIT
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER ROYA A. MEREDITH ACREAGE 59.39 ACRES +/-
 OIL & GAS ROYALTY OWNER ROYA A. MEREDITH ET UX; JANICE L. HURST; GENE BOND; COLLEEN GRIFFIN ASH; MAE BOND; LEASE ACREAGE 80 AC±; 97.63 AC±; 14.44 AC±; 44.187 AC±; 67 AC±;
 LELLA WASHBURN ET AL; CAMMIE GATRELL ET AL; NETTIE LEAH LICOT ET AL; NATHAN CAIN ET AL; JEAN COLE ET VIR; EUGENE R. WALTON ET AL 150 AC±; 139.5 AC±; 43 AC±; 278 AC±; 77.5 AC±; 137 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 6,546' TVD 16,340' 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