

LATITUDE 39°22'30"

10,482'

LATITUDE 39°20'00"

8,628' TO BOTTOM HOLE

3,413' TO BOTTOM HOLE

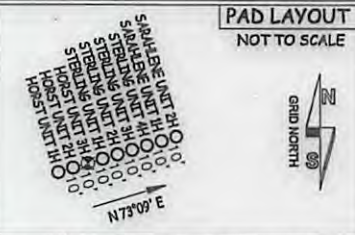
9,655'

LONGITUDE 80°50'00"

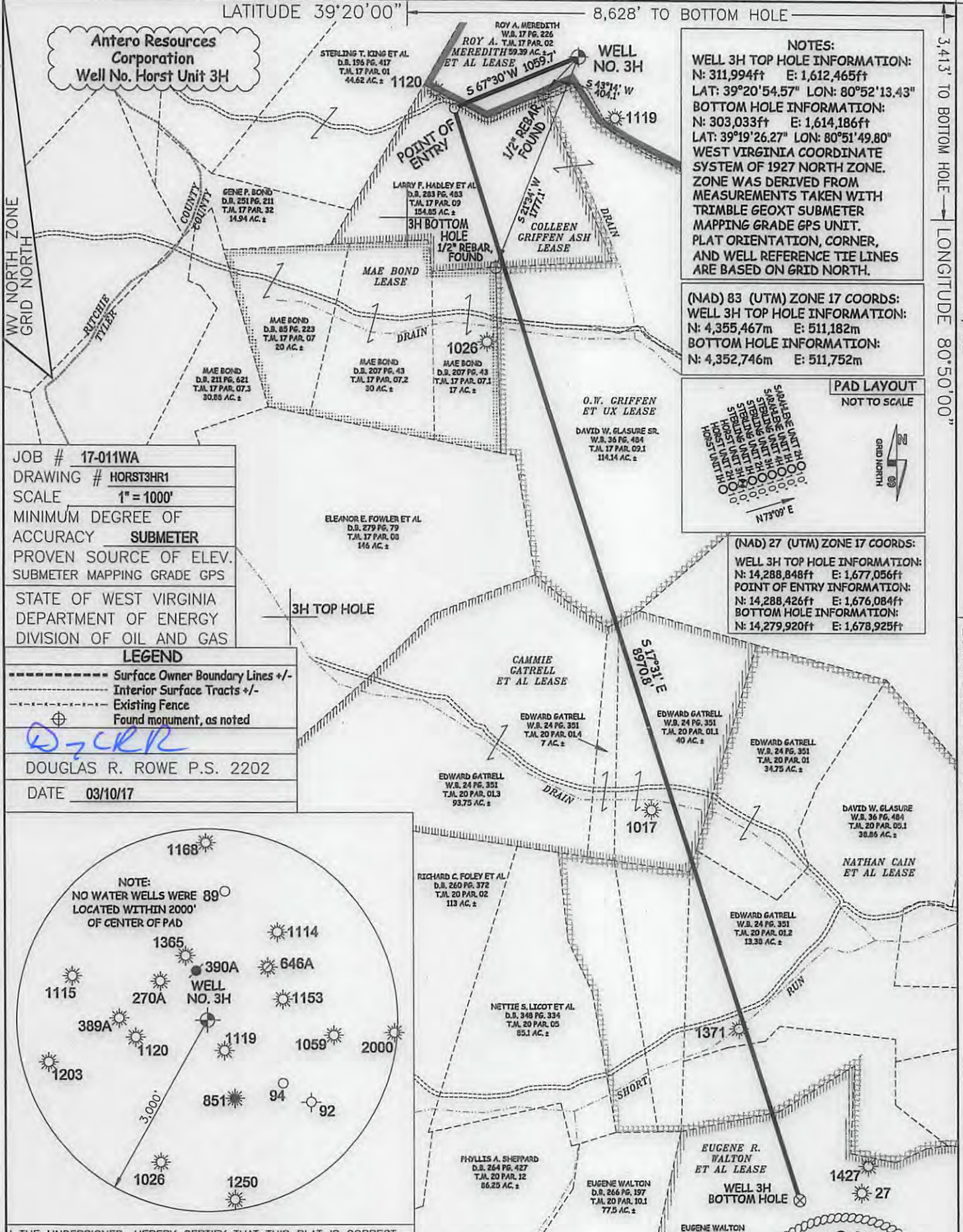
Antero Resources Corporation  
Well No. Horst Unit 3H

NOTES:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 311,994ft E: 1,612,465ft  
 LAT: 39°20'54.57" LON: 80°52'13.43"  
 BOTTOM HOLE INFORMATION:  
 N: 303,033ft E: 1,614,186ft  
 LAT: 39°19'26.27" LON: 80°51'49.80"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. 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 3H TOP HOLE INFORMATION:  
 N: 4,355,467m E: 511,182m  
 BOTTOM HOLE INFORMATION:  
 N: 4,352,746m E: 511,752m



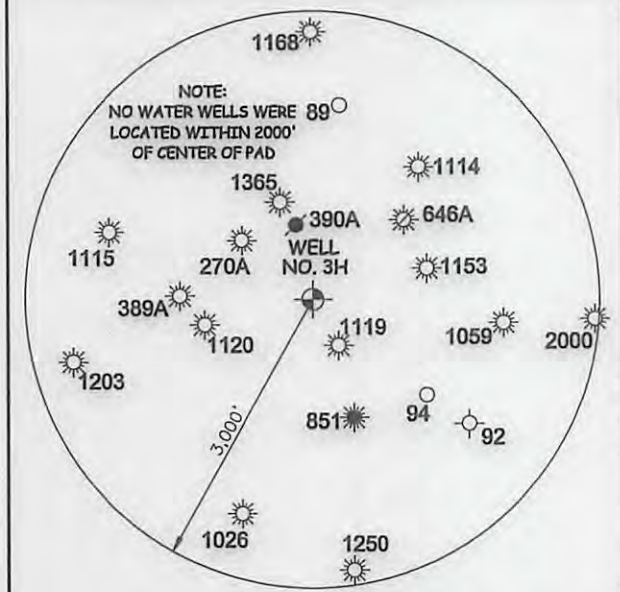
(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 14,288,848ft E: 1,677,056ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,288,426ft E: 1,676,084ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,279,920ft E: 1,678,925ft



JOB # 17-011WA  
 DRAWING # HORST3HR1  
 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 +/-  
 - - - - - Existing Fence  
 ⊕ Found monument, as noted

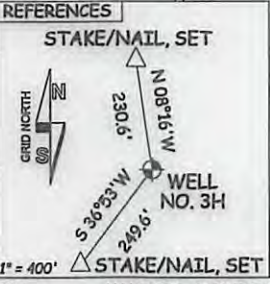
DOUGLAS R. ROWE P.S. 2202  
 DATE 03/10/17



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.

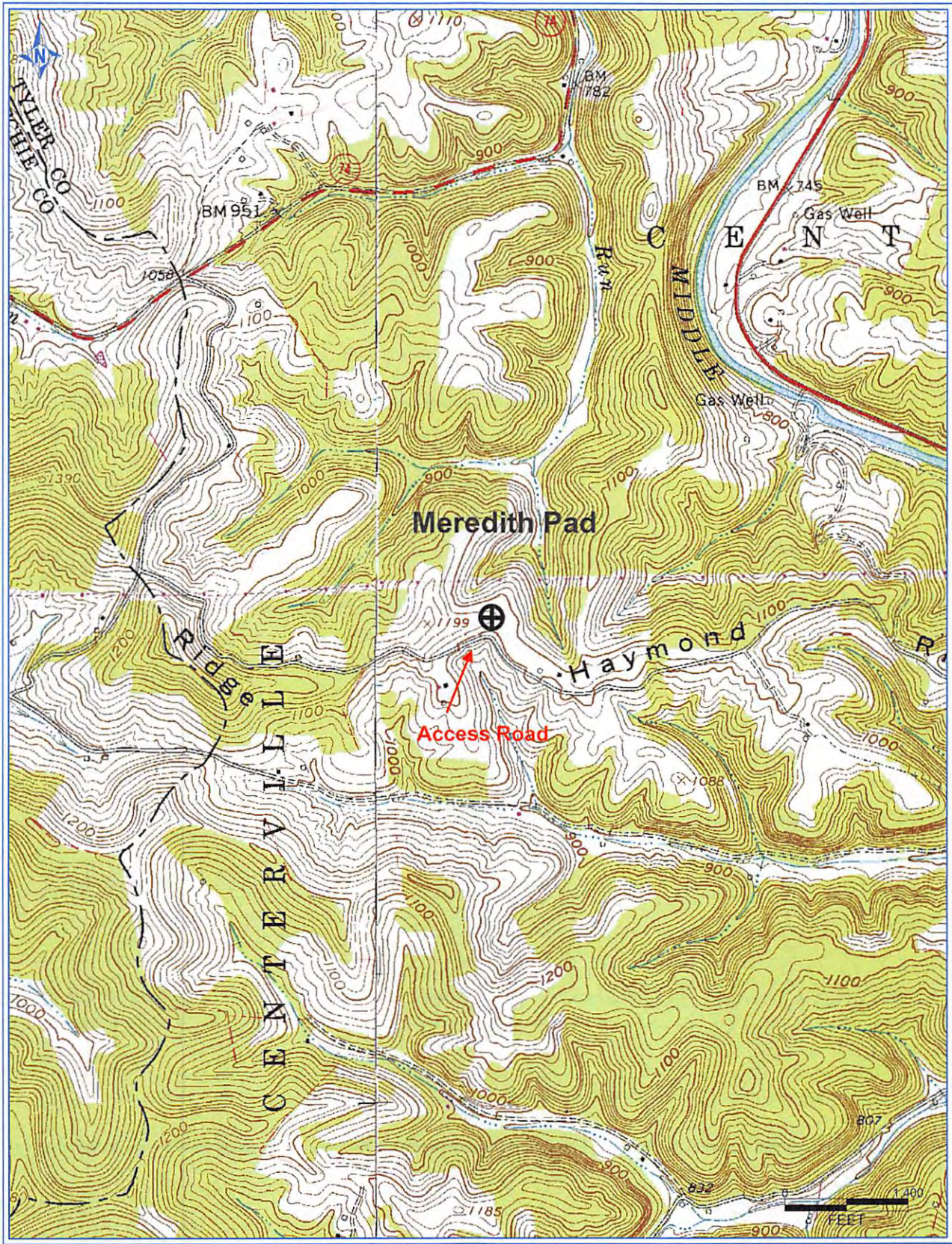


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,117'-ORIGINAL 1,111'-PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK STATE COUNTY PERMIT  
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTERVILLE COUNTY TYLER  
 SURFACE OWNER ROY A. MEREDITH ACREAGE 59.39 ACRES +/-  
 OIL & GAS ROYALTY OWNER ROY A. MEREDITH ET AL; COLLEEN GRIFFEN ASH; LEASE ACREAGE 80 AC±; 44.187 AC±;  
 O.W. GRIFFEN ET UX; CAMMIE GATRELL ET AL; NATHAN CAIN ET AL; EUGENE R. WALTON ET AL 222 AC±; 139.75 AC±; 278 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) PLUG & ABANDON  CLEAN OUT & REPLUG   
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 17,200' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313





API 47-095-02442

**Antero Resources Corporation**  
 Appalachian Basin    **Received**  
 Horst Unit 3H    **Office of Oil & Gas**  
 Tyler County    **MAR 20 2017**

Quadrangle: West Union  
 Watershed: Middle Island Creek  
 District: Centerville  
 Date: 3-15-2017