

LATITUDE 39°15'00"

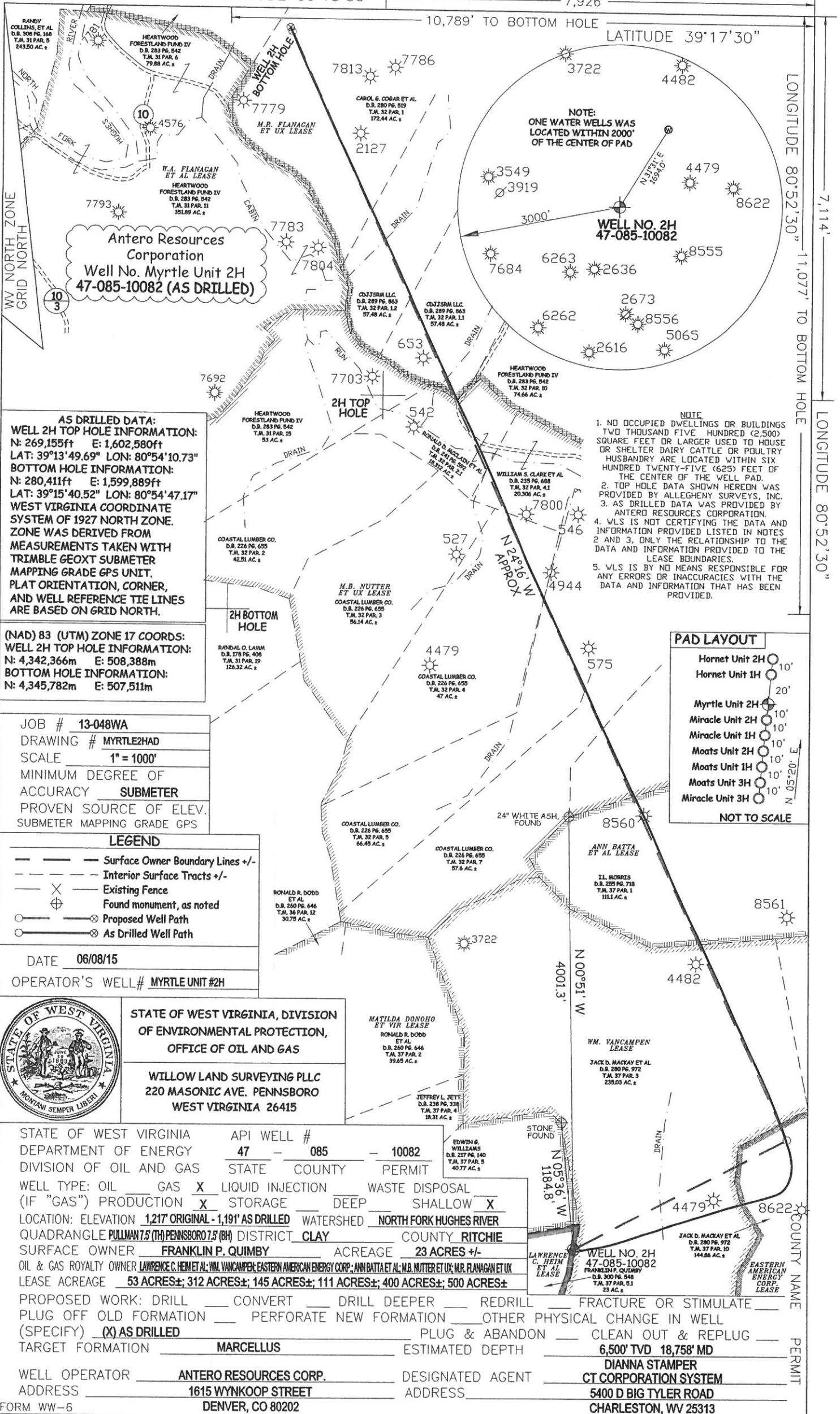
7,926'

LATITUDE 39°17'30"

10,789' TO BOTTOM HOLE

LONGITUDE 80°52'30" 11,077' TO BOTTOM HOLE

LONGITUDE 80°52'30"



**Antero Resources Corporation**  
**Well No. Myrtle Unit 2H**  
**47-085-10082 (AS DRILLED)**

**AS DRILLED DATA:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 269,155ft E: 1,602,580ft  
 LAT: 39°13'49.69" LON: 80°54'10.73"  
**BOTTOM HOLE INFORMATION:**  
 N: 280,411ft E: 1,599,889ft  
 LAT: 39°15'40.52" LON: 80°54'47.17"  
**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: 4,342,366m E: 508,388m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,345,782m E: 507,511m

JOB # 13-048WA  
 DRAWING # MYRTLE2HAD  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 - - - Existing Fence  
 ⊕ Found monument, as noted  
 ⊙ Proposed Well Path  
 ⊙ As Drilled Well Path

DATE 06/08/15  
 OPERATOR'S WELL# MYRTLE UNIT #2H



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

MATILDA DONOHO ET VIR LEASE  
 RONALD R. DODD ET AL  
 D.B. 260 PG. 646 T.M. 37 PAR. 2 39.65 AC.±

JEFFREY L. JETT  
 D.B. 238 PG. 338 T.M. 37 PAR. 4 18.31 AC.±

EDWIN G. WILLIAMS  
 D.B. 217 PG. 140 T.M. 37 PAR. 9 40.77 AC.±

W.M. VANCAMPEN LEASE  
 JACK D. MACKAY ET AL  
 D.B. 280 PG. 972 T.M. 37 PAR. 3 239.03 AC.±

LAWRENCE C. HEIN ET AL LEASE  
 FRANKLIN P. QUIMBY  
 D.B. 300 PG. 848 T.M. 37 PAR. 5 23 AC.±

JACK D. MACKAY ET AL  
 D.B. 280 PG. 972 T.M. 37 PAR. 10 144.86 AC.±

EASTERN AMERICAN ENERGY CORP. LEASE

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

API WELL # 47 - 085 - 10082

STATE COUNTY PERMIT

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,217' ORIGINAL - 1,191' AS DRILLED WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PULLMAN 7.5 (TH) PENNSBORO 7.5 (BH) DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER FRANKLIN P. QUIMBY ACREAGE 23 ACRES +/-

OIL & GAS ROYALTY OWNER LAWRENCE C. HEIN ET AL; W.M. VANCAMPEN; EASTERN AMERICAN ENERGY CORP.; ANN BATTA ET AL; M.B. NUTTER ET UX; M.R. FLANAGAN ET UX

LEASE ACREAGE 53 ACRES±; 312 ACRES±; 145 ACRES±; 111 ACRES±; 400 ACRES±; 500 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 6,500' TVD 18,758' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM  
 DENVER, CO 80202 CHARLESTON, WV 25313

**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 ALLEGHENY SURVEYS, INC.  
 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.

