

LATITUDE 39°20'00" 1,530'

5,429' TO BOTTOM HOLE

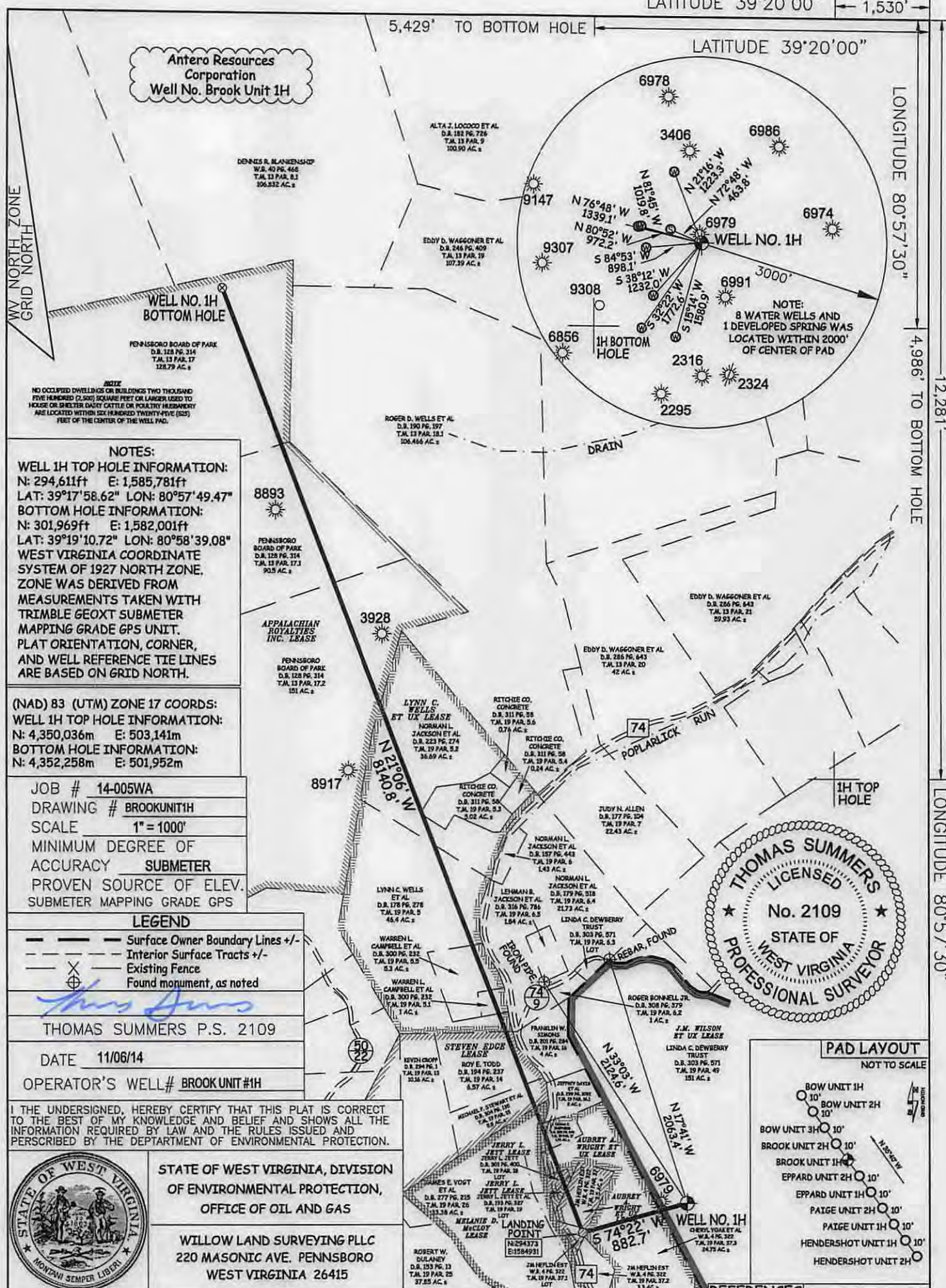
LATITUDE 39°20'00"

LONGITUDE 80°57'30"

12,281'

LONGITUDE 80°57'30"

Antero Resources Corporation  
Well No. Brook Unit 1H



**NOTES:**  
 WELL 1H TOP HOLE INFORMATION:  
 N: 294,611ft E: 1,585,781ft  
 LAT: 39°17'58.62" LON: 80°57'49.47"  
 BOTTOM HOLE INFORMATION:  
 N: 301,969ft E: 1,582,001ft  
 LAT: 39°19'10.72" LON: 80°58'39.08"  
 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: 4,350,036m E: 503,141m  
 BOTTOM HOLE INFORMATION:  
 N: 4,352,258m E: 501,952m

JOB # 14-005WA  
 DRAWING # BROOKUNIT1H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

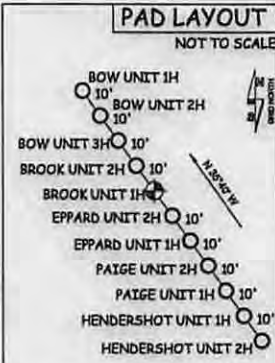
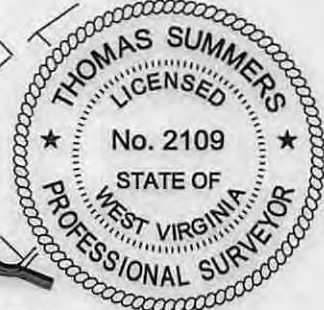
**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 - - - Existing Fence  
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109  
 DATE 11/06/14  
 OPERATOR'S WELL# BROOK UNIT #1H

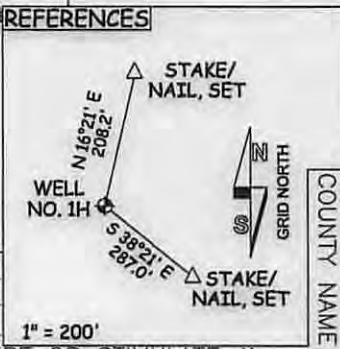
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



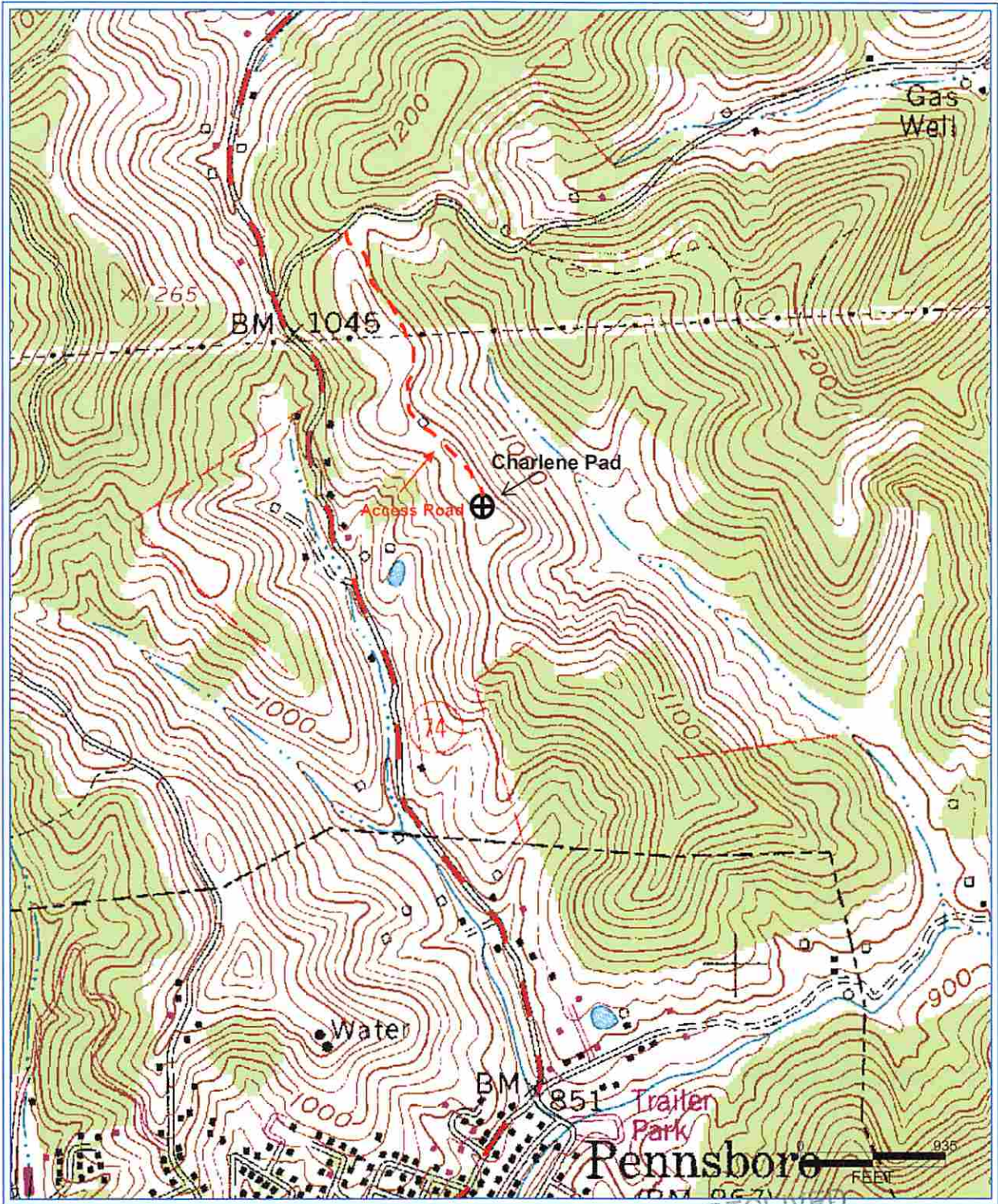
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



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 1,117' WATERSHED BUNNELL RUN  
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER LINDA C. DEWBERRY TRUST ACREAGE 151 ACRES +/-  
 OIL & GAS ROYALTY OWNER J.M. WILSON ET UX; AUBREY A. WRIGHT ET UX; AUBREY A. WRIGHT ET UX; JERRY L. JETT; JERRY L. JETT; MELANIE D. McCLOY; STEVEN EDGE; LYNN C. WELLS ET UX; APPALACHIAN ROYALTIES INC.  
 LEASE ACREAGE 700 AC±; 25.73 AC±; 4.25 AC±; 0.5 AC±; 0.92 AC±; 36 AC±; 36.48 AC±; 87.5 AC±; 372.5 AC±  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 15,200' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



01/30/2015



DETRA RW/2013 10:45:03 AM

Antero Resources Corporation  
Appalachian Basin  
Brook Unit 1H  
Ritchie County  
Quadrangle: Pennsboro  
Watershed: Poplarick Run  
District: Clay

RECEIVED  
Office of Oil and Gas  
NOV 13 2014  
WV Department of  
Environmental Protection