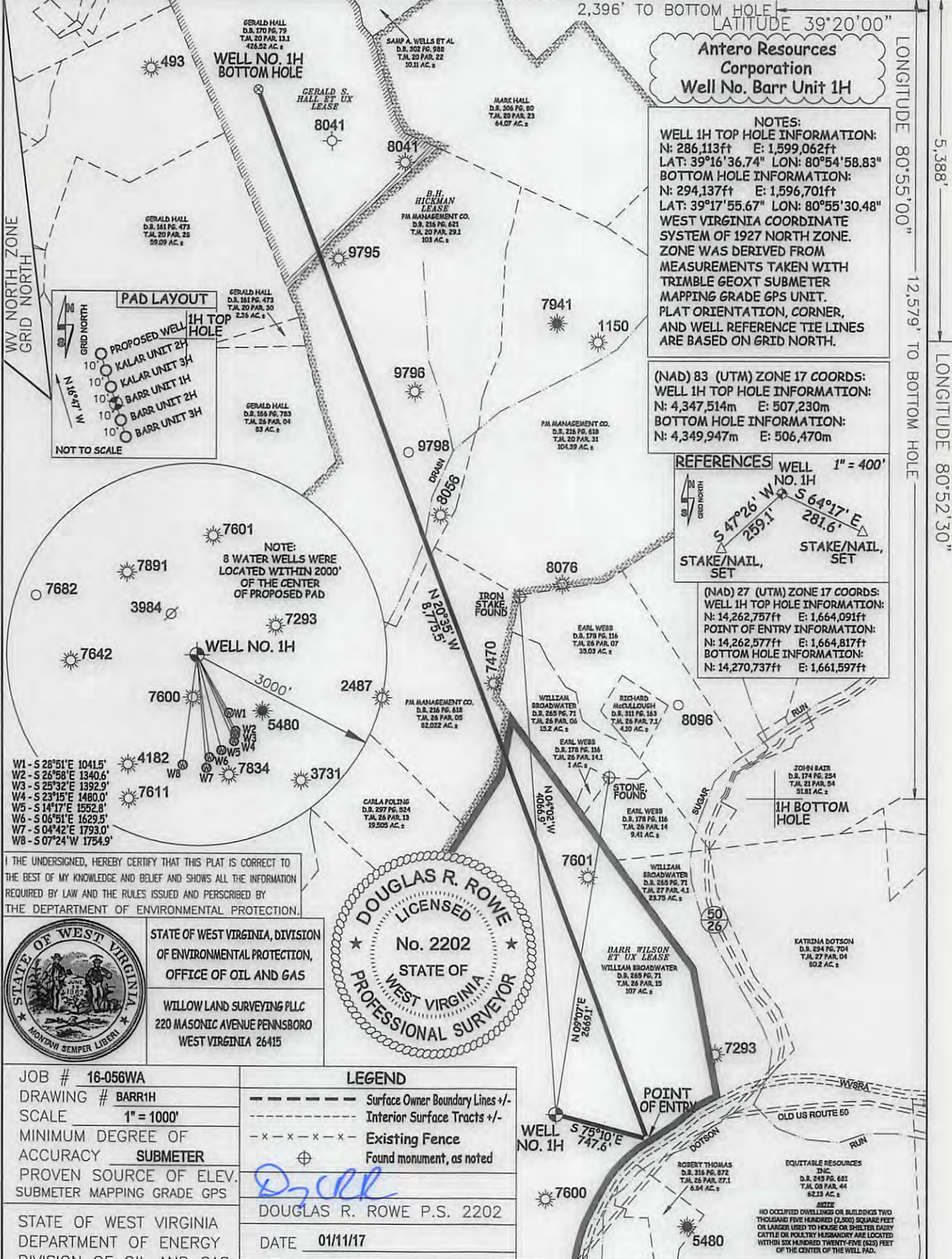


LATITUDE 39°17'30" 11,703' LONGITUDE 80°55'00" 5,388' TO BOTTOM HOLE



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 AVENUE PENNSBORO WEST VIRGINIA 26415

DOUGLAS R. ROWE
 LICENSED PROFESSIONAL SURVEYOR
 No. 2202
 STATE OF WEST VIRGINIA

DATE 01/11/17

JOB # 16-056WA	LEGEND
DRAWING # BARR1H	--- Surface Owner Boundary Lines +/-
SCALE 1" = 1000'	- - - Interior Surface Tracts +/-
MINIMUM DEGREE OF ACCURACY SUBMETER	- x - x - x - Existing Fence
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	⊕ Found monument, as noted

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 ORIG 964' - PROPOSED 951' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER WILLIAM BROADWATER ET UX ACREAGE 107 ACRES +/-
 OIL & GAS ROYALTY OWNER BARR WILSON ET UX; B. H. HICKMAN; GERALD S. HALL ET UX LEASE ACREAGE 107 ACRES±; 400 ACRES±
 73 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 6,400' TVD 15,900' MD

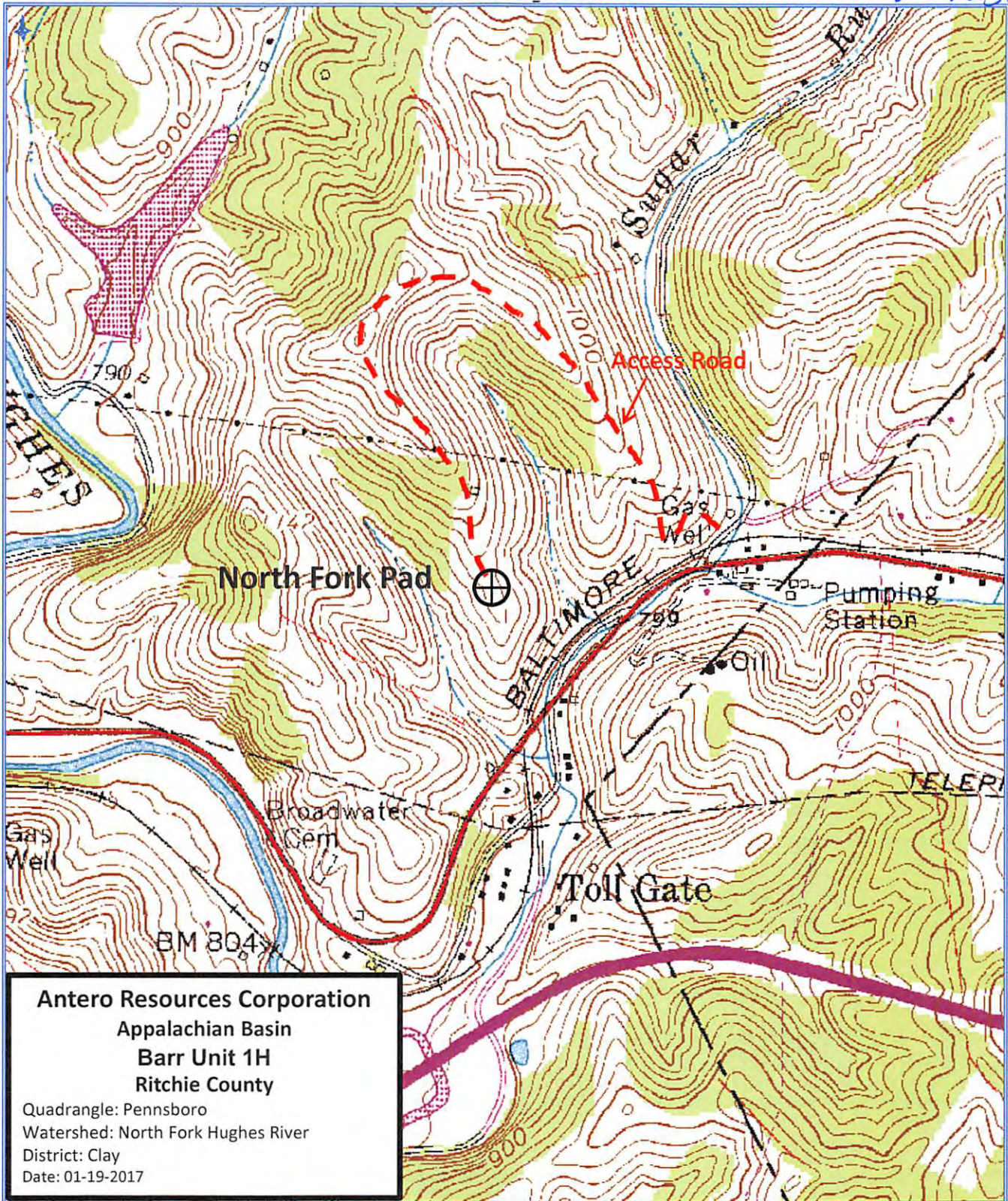
TARGET FORMATION MARCELLUS

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

OPERATOR'S WELL# BARR UNIT #1H
 API WELL # 47 - 085 - 1031516A

03/31/2017

85-10315



03/31/2017