

LATITUDE 39°17'30"

11,697'

1,186' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°55'00"

5,407'

12,031' TO BOTTOM HOLE

LONGITUDE 80°52'30"

Antero Resources Corporation Well No. Barr Unit 3H

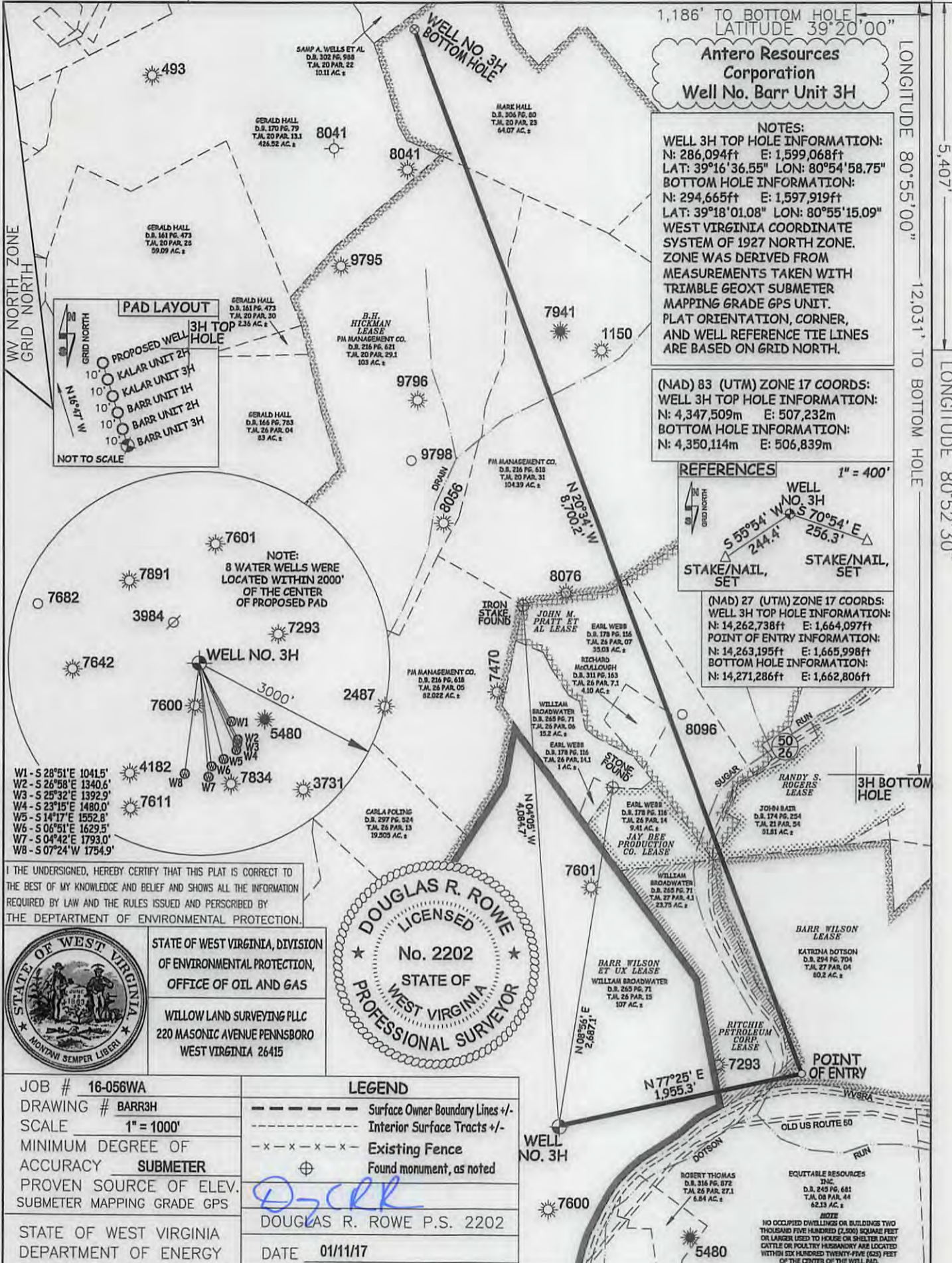
NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 286,094ft E: 1,599,068ft
 LAT: 39°16'36.55" LON: 80°54'58.75"
BOTTOM HOLE INFORMATION:
 N: 294,665ft E: 1,597,919ft
 LAT: 39°18'01.08" LON: 80°55'15.09"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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 3H TOP HOLE INFORMATION:
 N: 4,347,509m E: 507,232m
BOTTOM HOLE INFORMATION:
 N: 4,350,114m E: 506,839m

REFERENCES 1" = 400'

 W 55°54' W NO. 3H
 244.4' 256.3' E
STAKE/NAIL SET

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
 N: 14,262,738ft E: 1,664,097ft
POINT OF ENTRY INFORMATION:
 N: 14,263,195ft E: 1,665,998ft
BOTTOM HOLE INFORMATION:
 N: 14,271,286ft E: 1,662,806ft



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



JOB # 16-056WA
 DRAWING # BARR3H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

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

DOUGLAS R. ROWE P.S. 2202
 DATE 01/11/17

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; RITCHIE PETROLEUM CORP.; BARR WILSON; LEASE ACREAGE 107 ACRES +/-; 23.5 ACRES +/-; 80 ACRES +/-
 RANDY S. ROGERS; JOHN M. PRATT ET AL.; B.H. HICKMAN 49.906 ACRES +/-; 53.11 ACRES +/-; 400 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 15,700' 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

05/31/2017

