

LATITUDE 39°17'30"

11,700'

1,783' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°55'00"

5,398'
LONGITUDE 80°52'30"

Antero Resources Corporation Well No. Barr Unit 2H

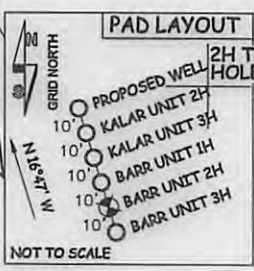
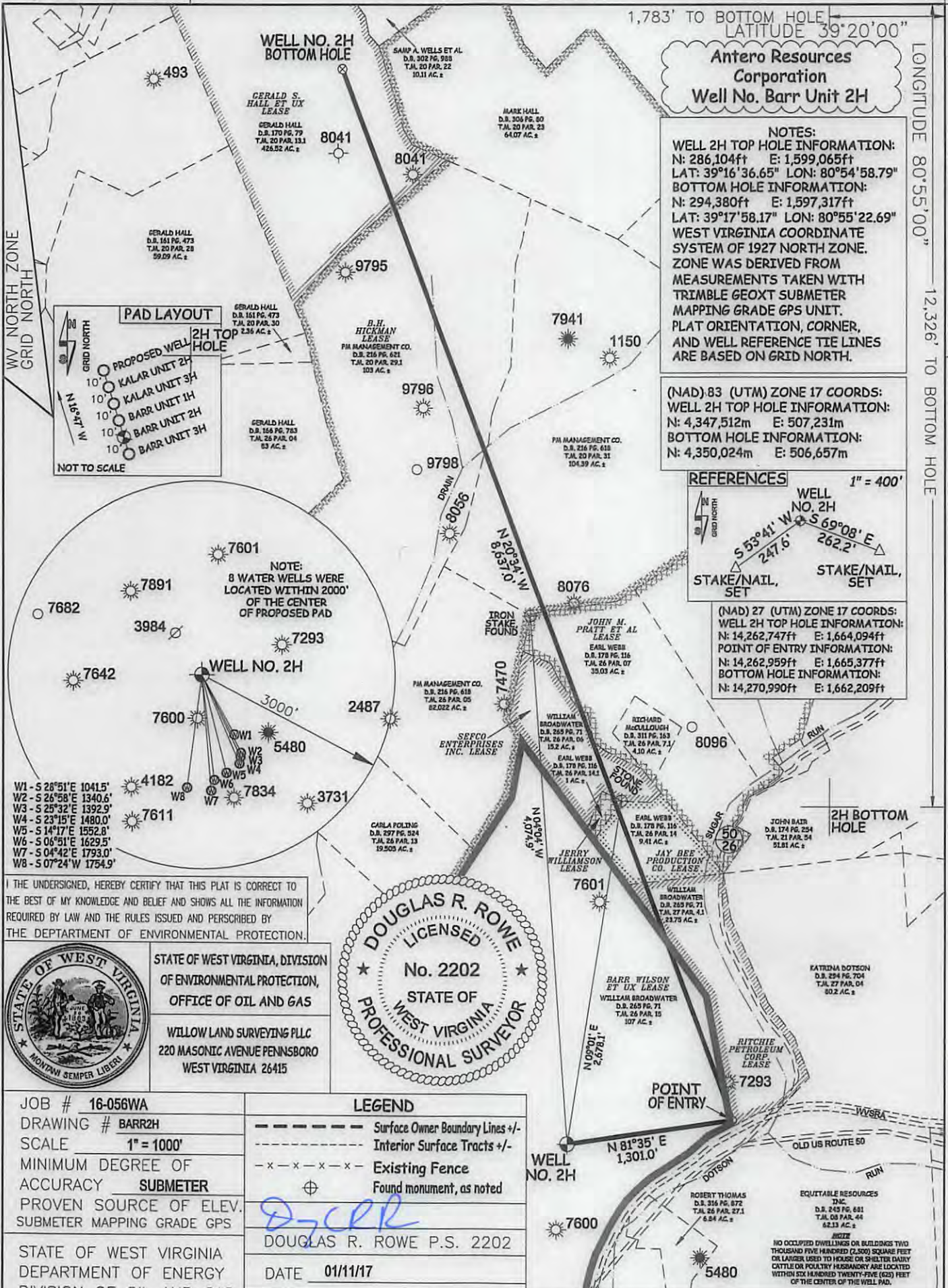
NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 286,104ft E: 1,599,065ft
 LAT: 39°16'36.65" LON: 80°54'58.79"
BOTTOM HOLE INFORMATION:
 N: 294,380ft E: 1,597,317ft
 LAT: 39°17'58.17" LON: 80°55'22.69"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,347,512m E: 507,231m
BOTTOM HOLE INFORMATION:
 N: 4,350,024m E: 506,657m

REFERENCES 1" = 400'

 S 55°41' W 247.6'
 S 69°08' E 262.2'

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 14,262,747ft E: 1,664,094ft
POINT OF ENTRY INFORMATION:
 N: 14,262,959ft E: 1,665,377ft
BOTTOM HOLE INFORMATION:
 N: 14,270,990ft E: 1,662,209ft



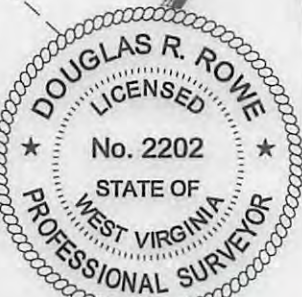
NOTE:
 8 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PROPOSED PAD

- W1 - S 28°51' E 1041.5'
- W2 - S 26°58' E 1340.6'
- W3 - S 25°32' E 1392.9'
- W4 - S 23°15' E 1480.0'
- W5 - S 14°17' E 1552.8'
- W6 - S 06°51' E 1629.5'
- W7 - S 04°42' E 1793.0'
- W8 - S 07°24' W 1754.9'

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 # BARR2H
 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

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

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

WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>	OPERATOR'S WELL #	BARR UNIT #2H
(IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	API WELL #	47 - 085 - 10316H6A
LOCATION: ELEVATION ORIG 964' - PROPOSED 951'	WATERSHED	NORTH FORK HUGHES RIVER
QUADRANGLE	PENNSBORO 7.5'	DISTRICT CLAY
SURFACE OWNER	WILLIAM BROADWATER ET UX	ACREAGE 107 ACRES +/-
OIL & GAS ROYALTY OWNER	BARR WILSON ET UX; RITCHIE PETROLEUM CORP.; JAY BEE PRODUCTION CO.; LEASE	ACREAGE 107 ACRES +/-; 23.5 ACRES +/-; 9.41 ACRES +/-
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/>	DESIGNATED AGENT	DIANNA STAMPER
OTHER PHYSICAL CHANGE IN WELL (SPECIFY)	ADDRESS	CT CORPORATION SYSTEM
PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/>	ESTIMATED DEPTH	6,400' TVD 15,700' MD
TARGET FORMATION	WELL OPERATOR	ANTERO RESOURCES CORP.
WELL OPERATOR	ADDRESS	1615 WYNKOOP STREET
ADDRESS	ADDRESS	5400 D BIG TYLER ROAD
DENVER, CO 80202	ADDRESS	CHARLESTON, WV 25313

05/31/2017

