

LATITUDE 39°20'00"

4,822'

LATITUDE 39°22'30"

6,486' TO BOTTOM HOLE

LONGITUDE 80°42'30"

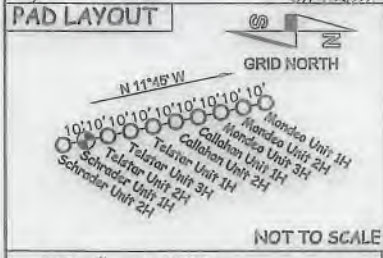
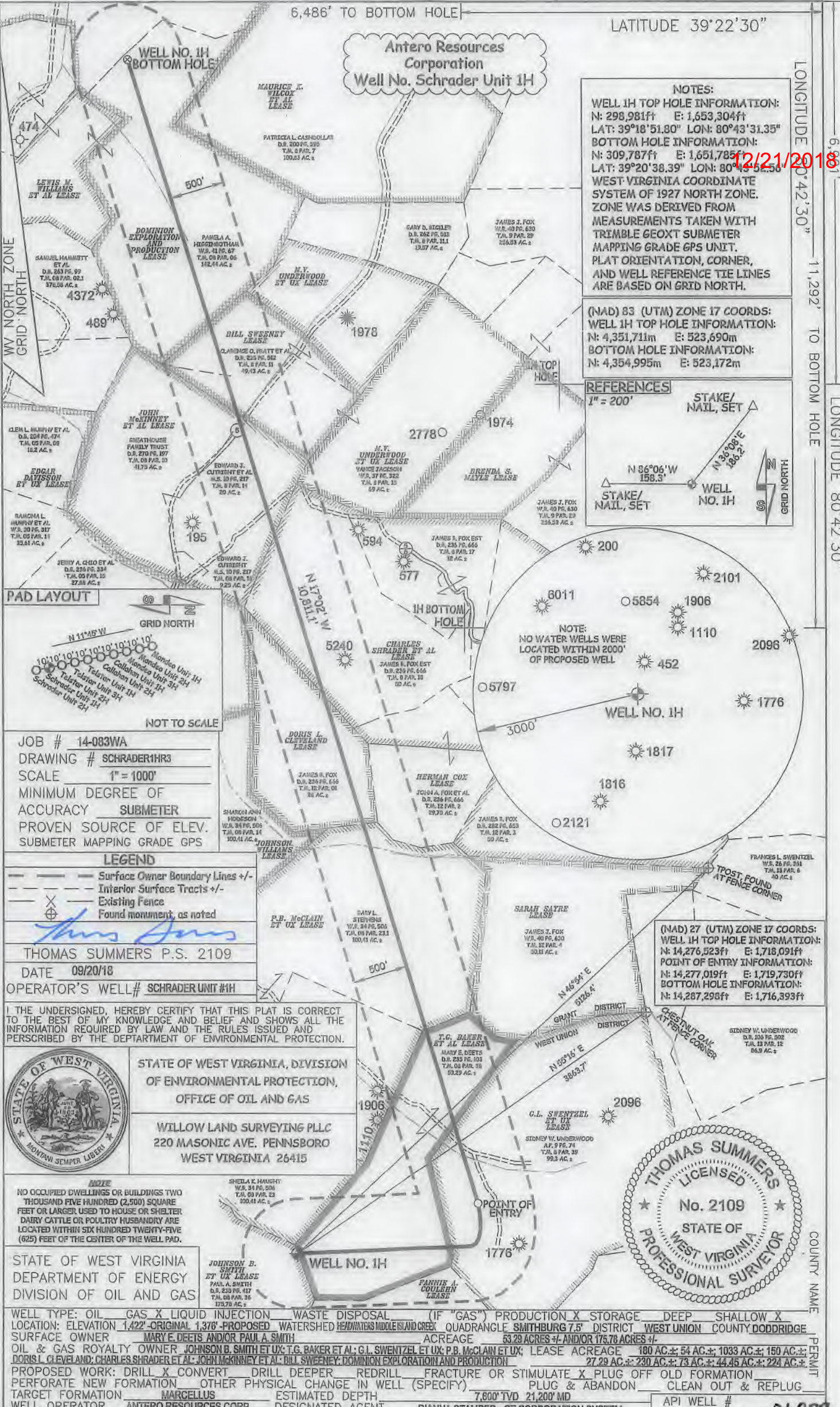
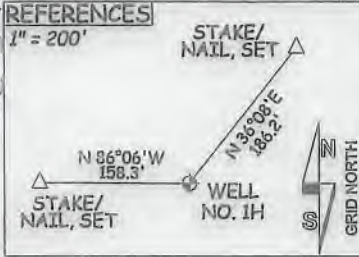
11,292' TO BOTTOM HOLE

LONGITUDE 80°42'30"

Antero Resources Corporation Well No. Schrader Unit 1H

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 298,981ft E: 1,653,304ft
 LAT: 39°18'51.80" LON: 80°43'31.35"
 BOTTOM HOLE INFORMATION:
 N: 309,787ft E: 1,651,785ft
 LAT: 39°20'38.39" LON: 80°43'52.50"
 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: 4,351,711m E: 523,690m
 BOTTOM HOLE INFORMATION:
 N: 4,354,995m E: 523,172m



JOB # 14-083WA
 DRAWING # SCHRADER1HR3
 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 Existing Fence
 Found monument, as noted

Thomas Summers
 THOMAS SUMMERS P.S. 2109

DATE 09/20/18
 OPERATOR'S WELL # SCHRADER 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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



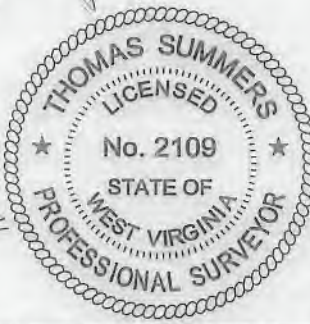
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

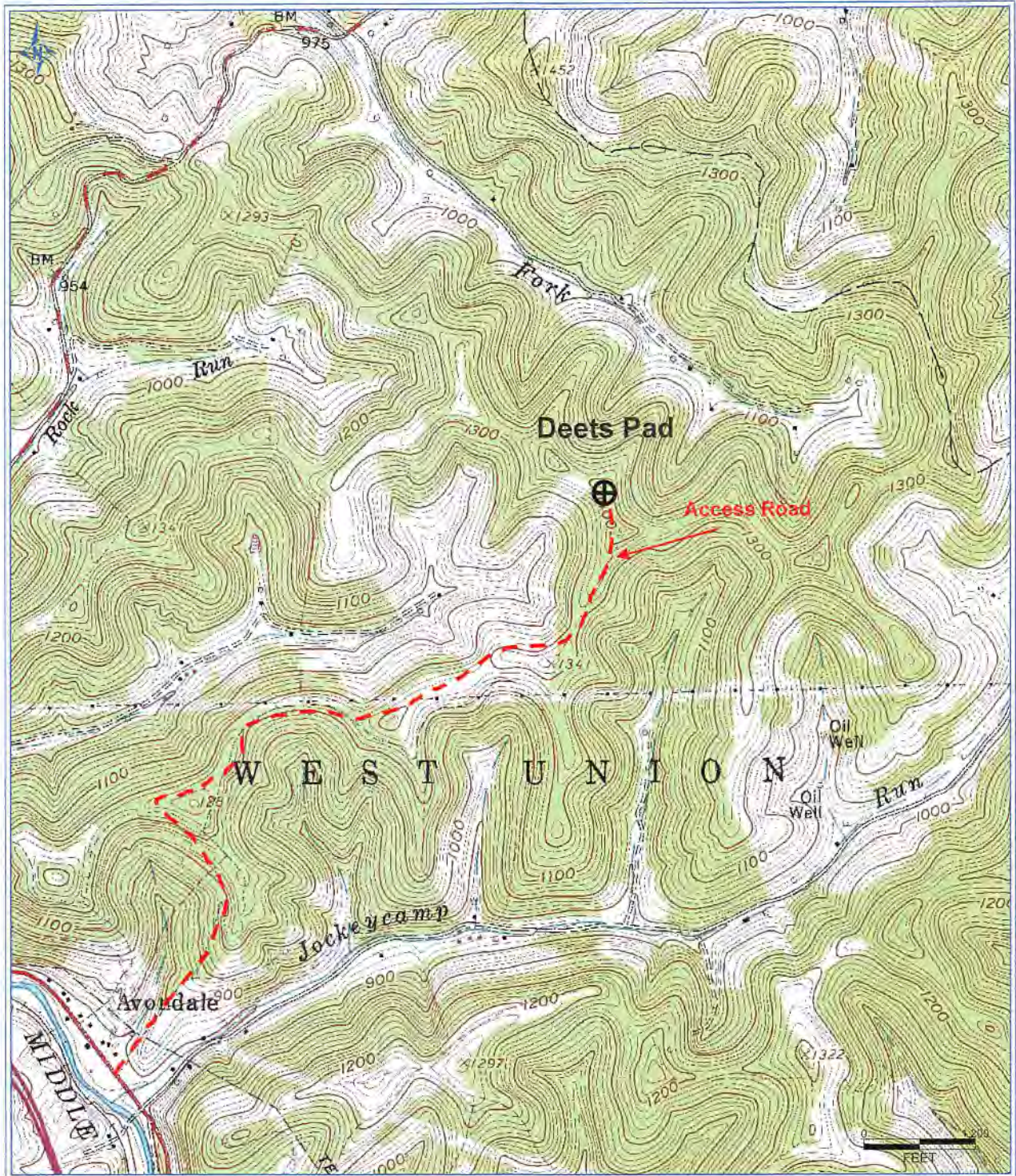
NOTE
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

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

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,422'-ORIGINAL 1,376'-PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER MARY E. DEETS AND/OR PAUL A. SMITH ACREAGE 53.29 ACRES +/- AND/OR 175.78 ACRES +/-
 OIL & GAS ROYALTY OWNER JOHNSON B. SMITH ET UX; T.G. BAKER ET AL; G.L. SWENTZEL ET UX; LEASE ACREAGE 180 AC. +/-; 54 AC. +/-; 1033 AC. +/-; 150 AC. +/-
 DORIS L. CLEVELAND; CHARLES SCHRADER ET AL; JOHN MCKINNEY ET AL; BILL SWEENEY; DOMINION EXPLORATION AND PRODUCTION 27.29 AC. +/-; 230 AC. +/-; 73 AC. +/-; 44.45 AC. +/-; 224 AC. +/-
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,800' TVD 21,200' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

API WELL # 47-017-06877
 STATE COUNTY PERMIT





RECEIVED
Office of Oil and Gas
SEP 24 2018
U.S. Department of
Environmental Protection

Antero Resources Corporation
Appalachian Basin
Schrader Unit 1H
Doddridge County
Quadrangle: West Union
Watershed: Middle Island Creek
District: West Union
Date: 3-20-2017