

LATITUDE 39°22'30"

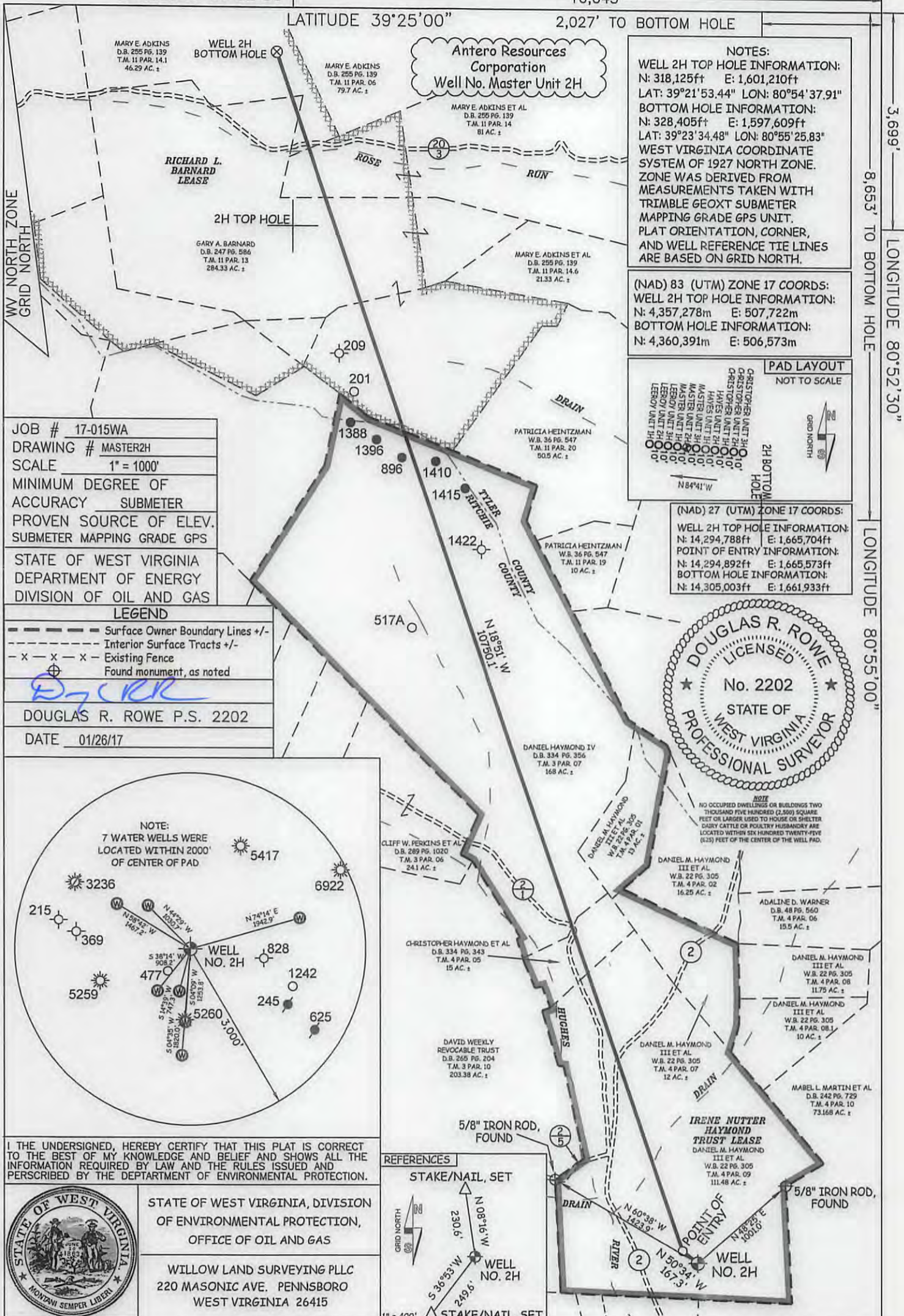
10,045'

LATITUDE 39°25'00"

2,027' TO BOTTOM HOLE

3,699' LONGITUDE 80°52'30"

8,653' TO BOTTOM HOLE LONGITUDE 80°55'00"



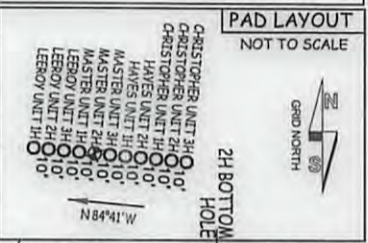
JOB # 17-015WA
 DRAWING # MASTER2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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

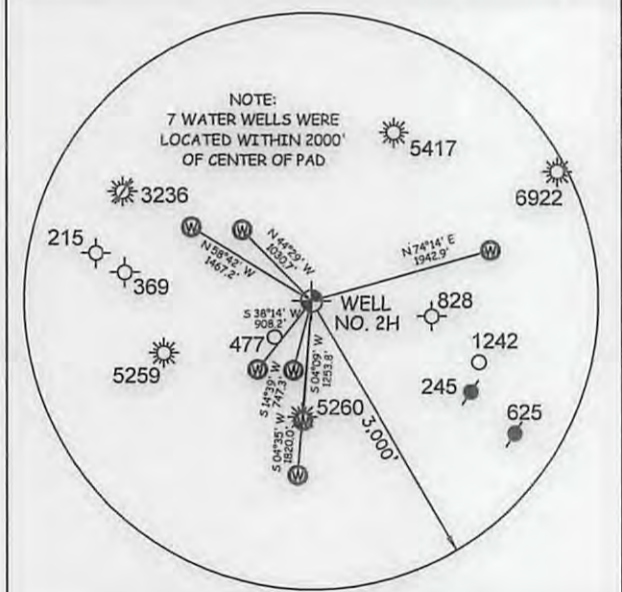
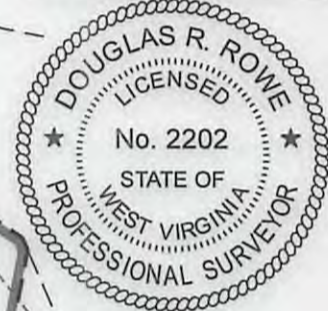
DOUGLAS R. ROWE P.S. 2202
 DATE 01/26/17

NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 318,125ft E: 1,601,210ft
 LAT: 39°21'53.44" LON: 80°54'37.91"
 BOTTOM HOLE INFORMATION:
 N: 328,405ft E: 1,597,609ft
 LAT: 39°23'34.48" LON: 80°55'25.83"
 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: 4,357,278m E: 507,722m
 BOTTOM HOLE INFORMATION:
 N: 4,360,391m E: 506,573m



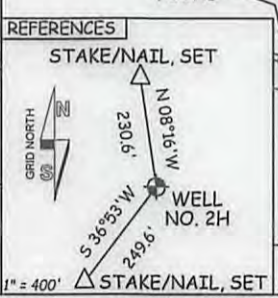
(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 14,294,788ft E: 1,665,704ft
 POINT OF ENTRY INFORMATION:
 N: 14,294,892ft E: 1,665,573ft
 BOTTOM HOLE INFORMATION:
 N: 14,305,003ft E: 1,661,933ft



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



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 974' - ORIGINAL 970' - PROPOSED _____ WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT _____
 QUADRANGLE PENNSBORO 7.5' (TH) - MIDDLEBOURNE 7.5' (BH) DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER DANIEL M. HAYMOND III ET AL ACREAGE 111.48 ACRES +/- COUNTY NAME _____
 OIL & GAS ROYALTY OWNER IRENE NUTTER HAYMOND TRUST; RICHARD L. BARNARD LEASE ACREAGE 375 AC±; 284 AC±; PERMIT _____

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 _____
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 17,500' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

05/05/2017

Antero Resources Corporation

Appalachian Basin

Master Unit 2H

Ritchie County

Quadrangle: Middlebourne

Watershed: North Fork Hughes River

District: Clay

Date: 2-1-2017

