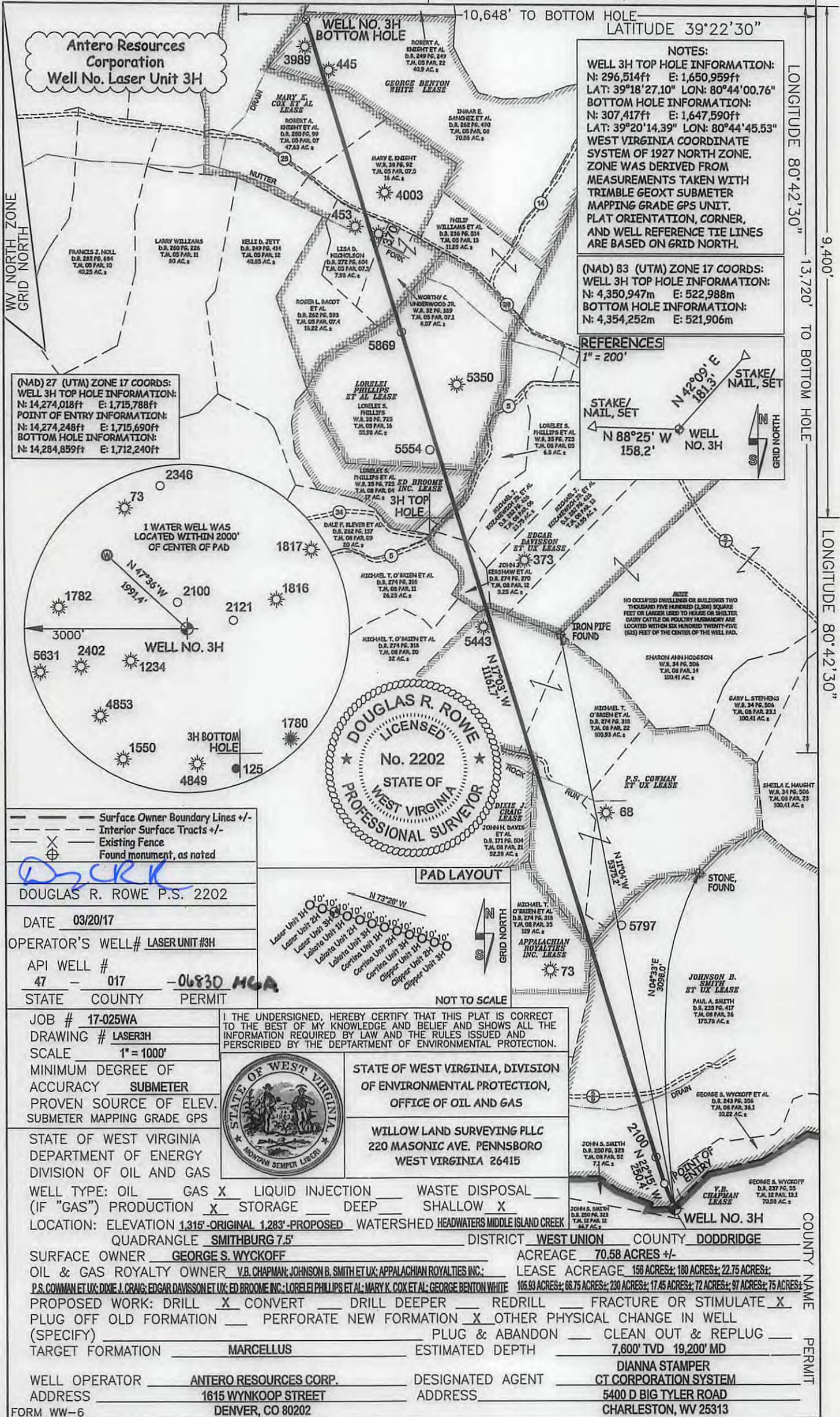


LATITUDE 39°20'00"

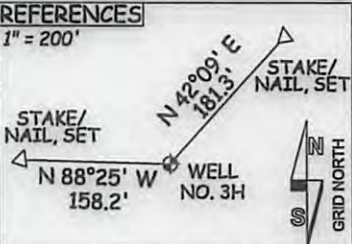
7,134'

LATITUDE 39°22'30"



NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 296,514ft E: 1,650,959ft
 LAT: 39°18'27.10" LON: 80°44'00.76"
BOTTOM HOLE INFORMATION:
 N: 307,417ft E: 1,647,590ft
 LAT: 39°20'14.39" LON: 80°44'45.53"
 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: 4,350,947m E: 522,988m
BOTTOM HOLE INFORMATION:
 N: 4,354,252m E: 521,906m



(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
 N: 14,274,018ft E: 1,715,788ft
POINT OF ENTRY INFORMATION:
 N: 14,274,248ft E: 1,715,690ft
BOTTOM HOLE INFORMATION:
 N: 14,284,859ft E: 1,712,240ft



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

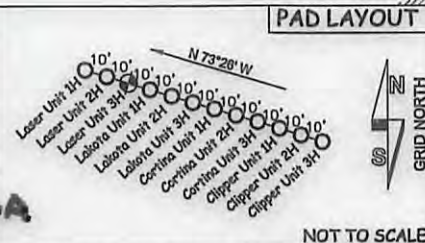
DOUGLAS R. ROWE P.S. 2202

DATE 03/20/17

OPERATOR'S WELL# LASER UNIT #3H

API WELL # 47 - 017 - 0683D MGA

STATE COUNTY PERMIT



NOT TO SCALE

JOB # 17-025WA
 DRAWING # LASER3H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

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 1,315'-ORIGINAL 1,283'-PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
 QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE

SURFACE OWNER GEORGE S. WYCKOFF ACREAGE 70.58 ACRES +/-
 OIL & GAS ROYALTY OWNER Y.B. CHAPMAN; JOHNSON B. SMITH ET UX; APPALACHIAN ROYALTIES INC.; LEASE ACREAGE 156 ACRES; 180 ACRES; 22.75 ACRES;
 P.S. COWMAN ET UX; DIXIE J. CRAIG; EDGAR DAVISSON ET UX; ED BROOME INC.; LORELEI PHILLIPS ET AL.; MARY K. COX ET AL.; GEORGE BENTON WHITE 105.93 ACRES; 66.75 ACRES; 230 ACRES; 17.45 ACRES; 72 ACRES; 97 ACRES; 75 ACRES

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,600' TVD 19,200' MD

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

LONGITUDE 80°42'30" TO BOTTOM HOLE 9,400' TO BOTTOM HOLE



Antero Resources Corporation
Appalachian Basin
Laser Unit 3H
Doddridge County
Quadrangle: Smithburg
Watershed: Headwaters Middle Island Creek
District: West Union
Date: 3-17-17