

LATITUDE 39°25'00"

8,183'

4,338' TO BOTTOM HOLE
LATITUDE 39°25'00"

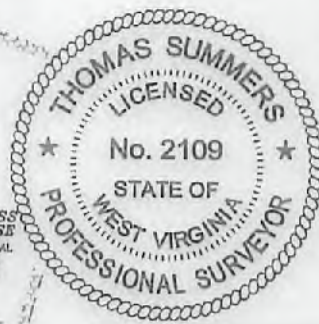
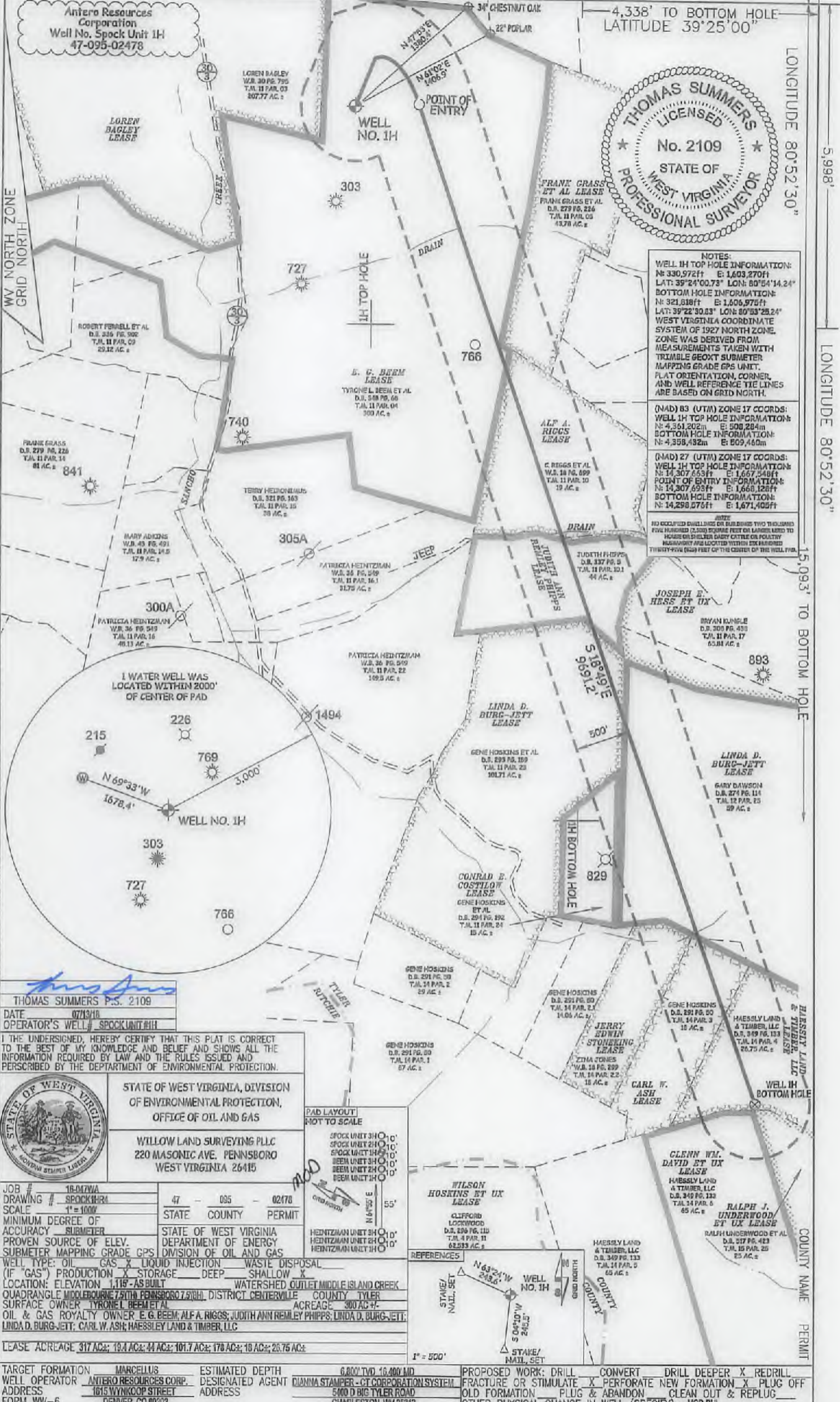
LONGITUDE 80°52'30"

5,998'

LONGITUDE 80°52'30"

15,093' TO BOTTOM HOLE

COUNTY NAME PERMIT



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 330,972ft E: 1,603,270ft
 LAT: 39°24'00.73" LON: 80°54'14.24"
 BOTTOM HOLE INFORMATION:
 N: 321,618ft E: 1,606,975ft
 LAT: 39°22'30.83" LON: 80°53'25.24"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. FLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,361,202m E: 500,284m
 BOTTOM HOLE INFORMATION:
 N: 4,358,432m E: 509,460m

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,307,653ft E: 1,667,548ft
 POINT OF ENTRY INFORMATION:
 N: 14,307,695ft E: 1,668,128ft
 BOTTOM HOLE INFORMATION:
 N: 14,298,576ft E: 1,671,405ft

NOTE:
 NO OCCUPIED DWELLINGS OR BUSINESS TWO THOUSAND FIVE HUNDRED TWENTY FIVE SQUARE FEET OR LARGER LIES TO HOUSE OR SHEDS, DAIRY, CATTLE OR POULTRY HARBORING ARE LOCATED WITHIN ONE HUNDRED THIRTY-FIVE (135) FEET OF THE CENTER OF THE WELL PAD.

THOMAS SUMMERS P.S. 2109
 DATE 07/19/18
 OPERATOR'S WELL # SPOCK 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 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

PAD LAYOUT NOT TO SCALE



JOB # 18-047WA
 DRAWING # SPOCK18RA
 SCALE 1" = 100'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SURMETER
 SUBMETER MAPPING GRADE GPS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,119'-AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE MIDDLEBOURNE 7.5TH PENNSBORO 7.5TH DISTRICT CENTERTVILLE COUNTY TYLER
 SURFACE OWNER TYRONEL BEEM ET AL ACREAGE 300 AC +/-
 OIL & GAS ROYALTY OWNER E. G. BEEM; ALF A. RIGGS; JUDITH ANN REMLEY PHIPPS; LINDA D. BURG-JETT;
 LINDA D. BURG-JETT; CARL W. ASH; HASSLEY LAND & TIMBER, LLC

STATE COUNTY PERMIT
 47 - 095 - 02478

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

LEASE ACREAGE 317 AC±; 19.4 AC±; 44 AC±; 101.7 AC±; 178 AC±; 10 AC±; 20.75 AC±

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD, 16,400' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CI CORPORATION/SYSTEM
 ADDRESS 1615 WYNNCOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

PROPOSED WORK: DRILL CONVERT DRILL DEEPER X REDRILL
 FRACTURE OR STIMULATE X PERFORATE NEW FORMATION X PLUG OFF
 OLD FORMATION PLUG & ABANDON CLEAN OUT & REGRIND
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL