

LATITUDE 39°20'00"

6,579'

LATITUDE 39°17'30"

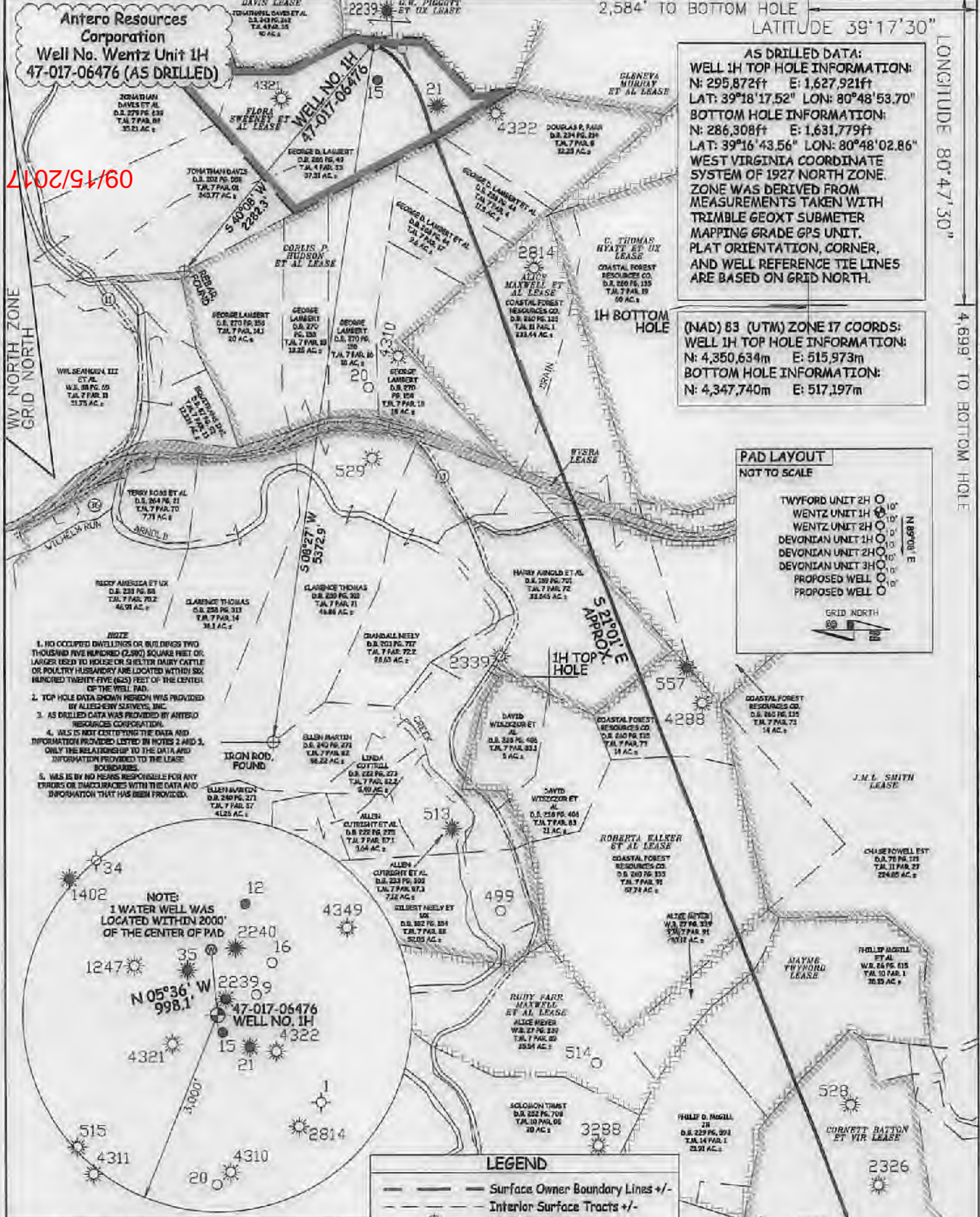
LONGITUDE 80°47'30"

4,699' TO BOTTOM HOLE

10,369'

LONGITUDE 80°47'30"

COUNTY NAME PERMIT



**AS DRILLED DATA:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 295,872ft E: 1,627,921ft  
 LAT: 39°18'17.52" LON: 80°48'53.70"  
**BOTTOM HOLE INFORMATION:**  
 N: 286,308ft E: 1,631,779ft  
 LAT: 39°16'43.56" LON: 80°48'02.86"  
**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: 4,350,634m E: 515,973m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,347,740m E: 517,197m



09/15/2017

- NOTE**
1. 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.
  2. TOP HOLE DATA SHOWN HEREIN WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
  3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE SOURCES.
  5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR DISCREPANCIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



**LEGEND**

- Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- ⊕ Found monument, as noted
- ⊙ Proposed Well Path
- ⊙ As Drilled Well Path

JOB # 13-089WA  
 DRAWING # WENTZ1HAD  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
 P.O. BOX 17  
 PENNSBORO, WV 26415

DATE 01/06/16  
 OPERATOR'S WELL # WENTZUNIT#1H  
 API WELL # 47 - 017 - 06476  
 STATE COUNTY PERMIT

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 1,181' ORIGINAL - 1,171' AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER GEORGE D. LAMBERT ACREAGE 37.51 ACRES +/-  
 OIL & GAS ROYALTY OWNER FLORA SWEENEY ET AL; CORLIS HUDSON ET AL; ALICE MAXWELL ET AL LEASE ACREAGE 103 ACRES +/-; 488.7 ACRES +/-; 420 ACRES +/-  
 WVSRA; ROBERTA WALKER ET AL; RUBY FARR MAXWELL ET AL; MAYME TWYFORD; CORNETT BATTON ET VIR 301.19 ACRES +/-; 109 ACRES +/-; 45 ACRES +/-; 71 ACRES +/-; 53 ACRES +/-

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

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,836' TVD 16,893' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313