

LATITUDE 39°20'00"

6,105'

LATITUDE 39°20'00" 1,422' TO BOTTOM HOLE

Antero Resources Corporation  
Well No. Earnest Unit 2H  
47-085-10276 (AS DRILLED)

AS DRILLED DATA:  
WELL 2H TOP HOLE INFORMATION:  
N: 301,955ft E: 1,593,115ft  
LAT: 39°19'12.37" LON: 80°56'17.68"  
BOTTOM HOLE INFORMATION:  
N: 294,721ft E: 1,597,684ft  
LAT: 39°18'01.59" LON: 80°55'18.09"  
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: 4,352,311m E: 505,338m  
BOTTOM HOLE INFORMATION:  
N: 4,350,130m E: 506,767m

PAD LAYOUT



NOT TO SCALE

- 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 HEREON 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 BOUNDARIES.
  5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

NOTE:  
1 WATER WELLS WAS LOCATED WITHIN 2000' OF THE CENTER OF PROPOSED PAD



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

WILLOW LAND SURVEYING PLLC  
220 MASONIC AVENUE PENNSBORO WEST VIRGINIA 26415

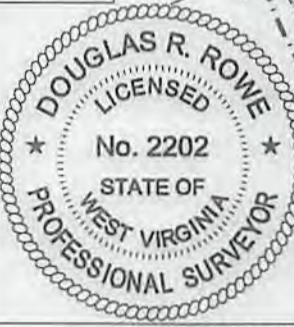
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

JOB # 15-047WA  
DRAWING # EARNEST2HAD  
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 - x - Existing Fence
- ⊕ Found monument, as noted
- --- ⊕ Found Well Path
- --- ⊕ As Drilled Well Path

*D. Rowe*  
DOUGLAS R. ROWE P.S. 2202  
DATE 09/29/17



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

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  OPERATOR'S WELL# EARNEST UNIT #2H  
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW  API WELL # 47 - 085 - 10276  
LOCATION: ELEVATION AS DRILLED -1,120' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT  
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY COUNTY RITCHIE

SURFACE OWNER ERNEST E. ZINN ET AL ACREAGE 129.5 ACRES +/-  
OIL & GAS ROYALTY OWNER HAROLD H. BLOCH ET UX; W.J. COLLINS ET UX; MARTHA TAYLOR ET VIR; LEASE ACREAGE 131.5 ACRES +/-; 575 ACRES +/-; 44.46 ACRES +/-  
ALFRED DEPHINO JR. ET UX; S.A. CUNNINGHAM ET UX; S.A. CUNNINGHAM; HELEN M. GRIFFITH; GEORGE A. DOTSON 112 ACRES +/-; 58 ACRES +/-; 3.2 ACRES +/-; 15.8 ACRES +/-; 11 ACRES +/-

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

PLUG & ABANDON  CLEAN OUT & REPLUG  ESTIMATED DEPTH 6,441' TVD 15,286' MD  
TARGET FORMATION MARCELLUS

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

COUNTY NAME PERMIT