

LATITUDE 39°20'00"

6,100'

LATITUDE 39°20'00" 2,334' TO BOTTOM HOLE

LONGITUDE 80°55'00" 12,363' TO BOTTOM HOLE

4,828'

LONGITUDE 80°55'00"

Antero Resources Corporation  
Well No. Earnest Unit 1H  
47-085-10273 (AS DRILLED)

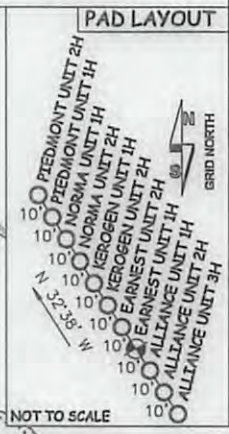
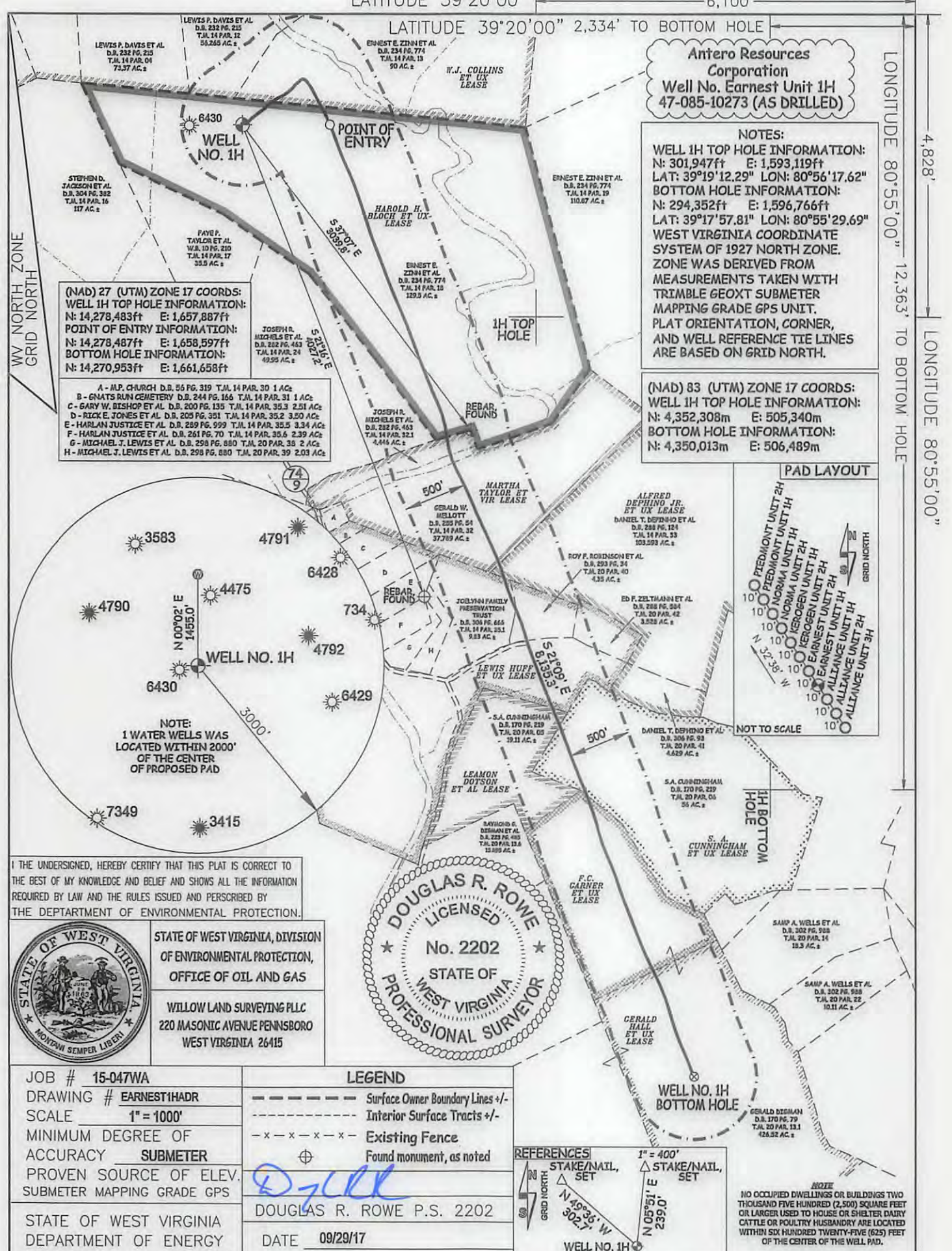
NOTES:  
WELL 1H TOP HOLE INFORMATION:  
N: 301,947ft E: 1,593,119ft  
LAT: 39°19'12.29" LON: 80°56'17.62"  
BOTTOM HOLE INFORMATION:  
N: 294,352ft E: 1,596,766ft  
LAT: 39°17'57.81" LON: 80°55'29.69"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH 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: 4,352,308m E: 505,340m  
BOTTOM HOLE INFORMATION:  
N: 4,350,013m E: 506,489m

(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 1H TOP HOLE INFORMATION:  
N: 14,278,483ft E: 1,657,887ft  
POINT OF ENTRY INFORMATION:  
N: 14,278,487ft E: 1,658,597ft  
BOTTOM HOLE INFORMATION:  
N: 14,270,953ft E: 1,661,658ft

- A - M.P. CHURCH D.B. 56 PG. 319 T.J.L. 14 PAR. 30 1 AC±
- B - GNATS RUN CEMETERY D.B. 244 PG. 166 T.J.L. 14 PAR. 31 1 AC±
- C - GARY W. BISHOP ET AL D.B. 200 PG. 135 T.J.L. 14 PAR. 35.3 2.51 AC±
- D - RICK E. JONES ET AL D.B. 205 PG. 351 T.J.L. 14 PAR. 35.2 3.50 AC±
- E - HARLAN JUSTICE ET AL D.B. 289 PG. 999 T.J.L. 14 PAR. 35.5 3.34 AC±
- F - HARLAN JUSTICE ET AL D.B. 251 PG. 70 T.J.L. 14 PAR. 35.6 2.39 AC±
- G - MICHAEL T. LEWIS ET AL D.B. 298 PG. 880 T.J.L. 20 PAR. 38 2 AC±
- H - MICHAEL T. LEWIS ET AL D.B. 298 PG. 880 T.J.L. 20 PAR. 39 2.03 AC±

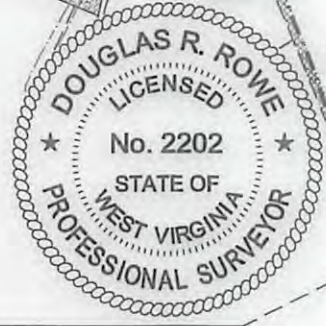
WV NORTH ZONE GRID NORTH



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.

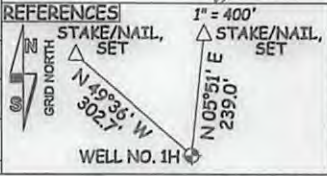


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVENUE PENNSBORO WEST VIRGINIA 26415



JOB # 15-047WA  
DRAWING # EARNEST1HADR  
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 - x - Existing Fence  
⊕ Found monument, as noted



NOTE: 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.

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

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

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 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 AC±; 575 AC±; 44.46 AC±;  
 ALFRED DEPHINO JR. ET UX; LEWIS HUFF ET UX; LEAMON DOTSON ET AL; S.A. CUNNINGHAM ET UX; F.C. GARNER ET UX; GERALD HALL ET UX 112 AC±; 164 AC±; 20 AC±; 56 AC±; 30.5 AC±; 11.06 AC±/2017  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR  
 STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD POE  
 PLUG & ABANDON  CLEAN OUT & REPLUG  ESTIMATED DEPTH 6,444' TVD 14,825' 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