

LATITUDE 39°22'30"

9,996'

LATITUDE 39°25'00"

Antero Resources Corporation Well No. Christopher Unit 2H

NOTES: WELL 2H TOP HOLE INFORMATION: N: 318,120ft E: 1,601,260ft LAT: 39°21'53.41" LON: 80°54'37.27" BOTTOM HOLE INFORMATION: N: 329,151ft E: 1,600,099ft LAT: 39°23'42.24" LON: 80°54'54.27" 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: 4,357,277m E: 507,737m BOTTOM HOLE INFORMATION: N: 4,360,631m E: 507,327m

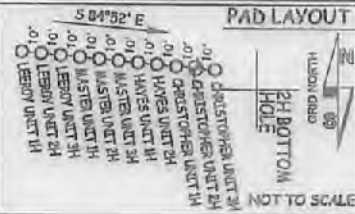


Table with columns: Tm-Per, Surface Owner, Book/Pg, Acres. Lists various land parcels and owners such as Mary E. Adkins, Gary A. Bernard, Patricia Heintzman, etc.

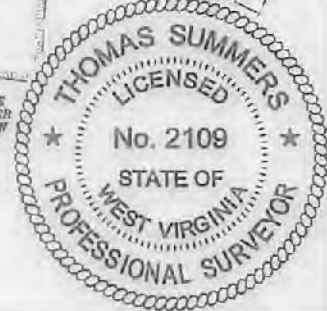
Table with columns: LINE, BEARING, DIST. Lists boundary lines L1 through L7 with bearings and distances.

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



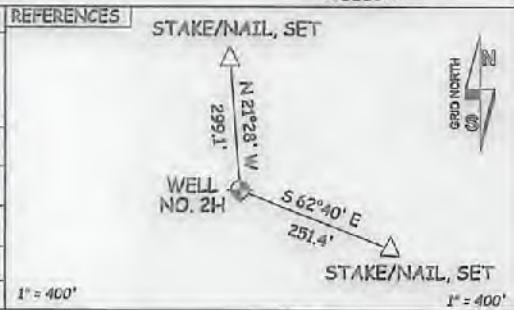
(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,294,785ft E: 1,665,754ft POINT OF ENTRY INFORMATION: N: 14,295,639ft E: 1,668,056ft BOTTOM HOLE INFORMATION: N: 14,305,790ft E: 1,664,409ft

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.



JOB # 17-017WA DRAWING # CHRISTOPHER2HR SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND: Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Existing Fence, Found monument, as noted. THOMAS SUMMERS P.S. 2109 DATE 07/18/18 OPERATOR'S WELL # CHRISTOPHER UNIT #2H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 035 10358 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 970' - AS BUILT WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PENNSBORO 7.5' (TH) - MIDDLEBOURNE 7.5' (BH) DISTRICT CLAY COUNTY RITCHIE SURFACE OWNER DANIEL M. HAYMOND IV ET AL ACREAGE 111.48 ACRES +/- OIL & GAS ROYALTY OWNER IRENE NUTTER HAYMOND TRUST; PERKINS OIL & GAS CO.; WILSON HOSKINS ET UX; ROSE ANN DOMK; LEASE ACREAGE 375 AC±; 94 AC±; 120 AC±; 15,963 AC±; GEN'L. HOSKINS ET UX; PATRICIA A. HEINTZMAN; PATRICIA A. HEINTZMAN; FRANK GRASS ET AL; ROBERT BRUCE FERRELL 87 AC±; 60 AC±; 149.5 AC±; 431.29 AC±; 29.12 AC± PROPOSED WORK: DRILL CONVERT DRILL DEEPER X REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 20,800' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313