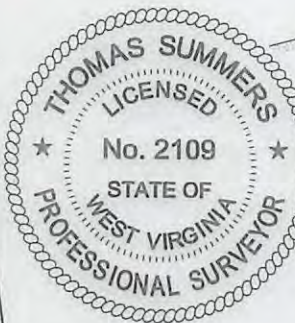


LATITUDE 39°22'30" 1,644'
 LATITUDE 39°25'00"

LONGITUDE 80°57'30"
 LONGITUDE 80°57'30"

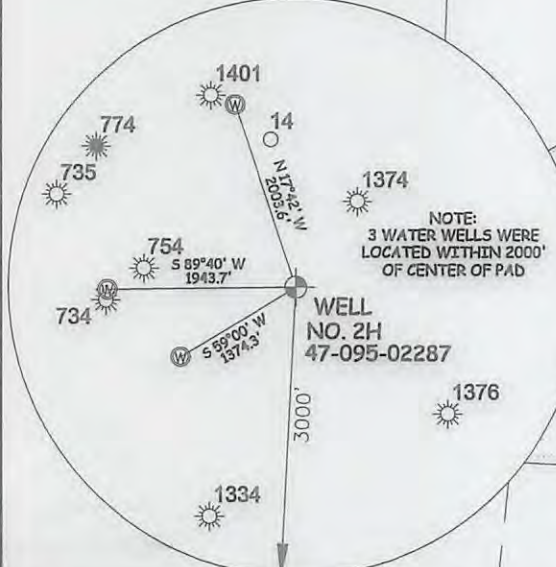
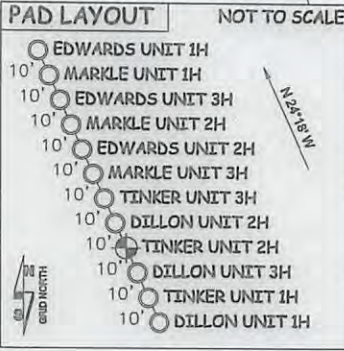
Antero Resources Corporation
 Well No. Tinker Unit 2H
 A.P.I. 47-095-02287



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 319,506ft E: 1,586,071ft
 LAT: 39°22'04.70" LON: 80°57'50.93"
 BOTTOM HOLE INFORMATION:
 N: 327,961ft E: 1,584,281ft
 LAT: 39°23'27.97" LON: 80°58'15.49"
 WEST VIRGINIA COORDINATE HOLE 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: 4,357,622m E: 503,103m
 BOTTOM HOLE INFORMATION:
 N: 4,360,188m E: 502,515m

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 14,295,916ft E: 1,650,549ft
 POINT OF ENTRY INFORMATION:
 N: 14,296,413ft E: 1,651,794ft
 BOTTOM HOLE INFORMATION:
 N: 14,304,337ft E: 1,648,619ft



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.

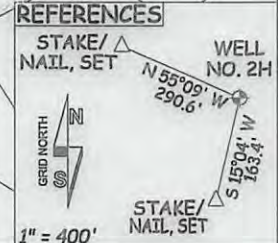


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 15-031WA
 DRAWING # TINKER2HR3
 SCALE 1" = 1000'
 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 +/-
 X Existing Fence
 ⊕ Found monument, as noted
 THOMAS SUMMERS P.S. 2109
 DATE 06/02/16
 OPERATOR'S WELL # TINKER UNIT #2H

REBAR FOUND
 POINT OF ENTRY
 WELL NO. 2H 47-095-02287
 REBAR FOUND
 ASHFORD BROADWATER LEASE



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02287
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,171' ORIGINAL - 1,147' AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5' - SHL. MIDDLEBOURNE 7.5' - BHL DISTRICT MEADE COUNTY TYLER 09/16/2016
 SURFACE OWNER RITCHIE PETROLEUM INC. ACREAGE 30.92 ACRES +/-
 OIL & GAS ROYALTY OWNER ASHFORD BROADWATER; TERRY L. SNIDER; ROBERT A. LOWTHER; LEASE ACREAGE 583.712 ACRES +/-; 67 ACRES +/-; 250 ACRES +/-
 CARLA WARNER TINKER; BERYLE GARNETT MAYFIELD; DAVID A. BILL 25.125 AC +/-; 155.33 ACRES +/-; 71.79 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) MOD BHL PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 16,800' 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