

LATITUDE 39°20'00"

4,824'

LONGITUDE 80°42'30" TO BOTTOM HOLE

6,891'

LONGITUDE 80°42'30"

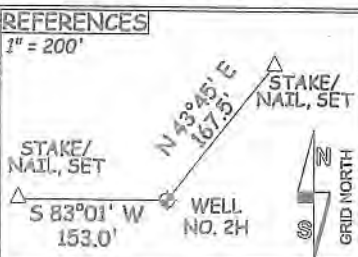
COUNTY NAME

PERMIT

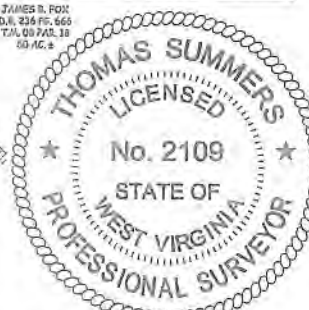
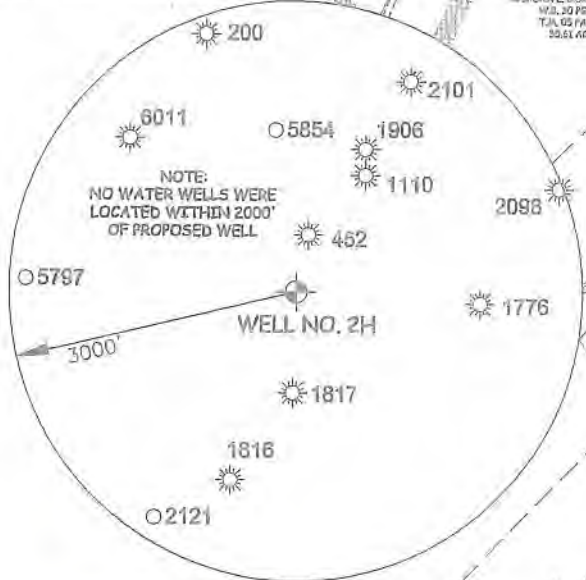
Antero Resources Corporation
Well No. Telstar Unit 2H

NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 298,991ft E: 1,653,302ft
 LAT: 39°18'51.90" LON: 80°43'31.38"
 BOTTOM HOLE INFORMATION:
 N: 308,238ft E: 1,650,657ft
 LAT: 39°20'22.93" LON: 80°44'06.64"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH 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: 4,351,714m E: 523,689m
 BOTTOM HOLE INFORMATION:
 N: 4,354,518m E: 522,836m



(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 14,276,533ft E: 1,718,089ft
 POINT OF ENTRY INFORMATION:
 N: 14,276,673ft E: 1,718,150ft
 BOTTOM HOLE INFORMATION:
 N: 14,265,731ft E: 1,715,292ft



THOMAS SUMMERS P.S. 2109
 DATE 03/08/19
 OPERATOR'S WELL # TELSTAR UNIT #2H
 API WELL # 47 - 017 - 06881
 STATE COUNTY PERMIT



JOB # 17-026WA
 DRAWING # TELSTAR2HR1
 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
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,422' - ORIGINAL 1,376' - PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
 QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER MARY E. DEETS AND/OR PAUL A. SMITH ACREAGE 53.29 ACRES +/- AND/OR 175.70 ACRES +/-
 OIL & GAS ROYALTY OWNER T.G. BAKER ET AL; JOHNSON B. SMITH ET UX; P.B. McCLAIN ET UX; LEASE ACREAGE 54 ACRES±; 180 ACRES±; 200 ACRES±; JOHNSON WILLIAMS; EDGAR DAVISSON ET UX; JOHN McKINNEY ET AL; GEORGE BENTON WHITE; C. HOWARD KNIGHT ET AL 105.5 ACRES±; 230 ACRES±; 73 ACRES±; 75 ACRES±; 54 ACRES±
 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-POE PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,800' TVD 17,700' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

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

