

LATITUDE 39°20'00"

10,809'

1,300' TO BOTTOM HOLE
LATITUDE 39°20'00"

2,448' TO BOTTOM HOLE

10,966'

LONGITUDE 80°45'00"

LONGITUDE 80°42'30"

COUNTY NAME

PERMIT

Antero Resources Corporation
Well No. Fraley Unit 2H

WELL NO. 2H
BOTTOM HOLE

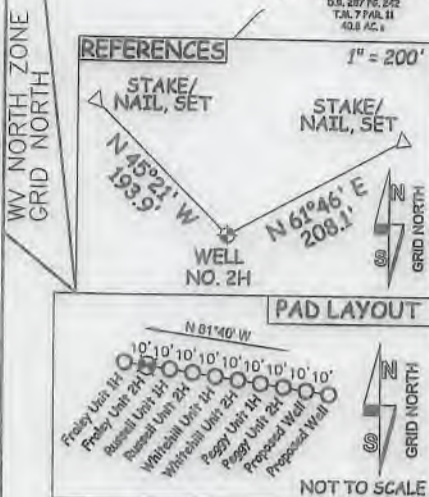
NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 294,998ft E: 1,647,263ft
LAT: 39°18'11.61" LON: 80°44'47.50"
BOTTOM HOLE INFORMATION:
N: 303,548ft E: 1,645,100ft
LAT: 39°19'35.81" LON: 80°45'16.54"

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: 4,350,467m E: 521,870m
BOTTOM HOLE INFORMATION:
N: 4,353,060m E: 521,167m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,272,441ft E: 1,712,120ft
POINT OF ENTRY INFORMATION:
N: 14,272,563ft E: 1,712,465ft
BOTTOM HOLE INFORMATION:
N: 14,280,950ft E: 1,709,815ft

THOMAS SUMMERS
LICENSED
No. 2109
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR



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 # 17-024WA
DRAWING # FRALEY2HR
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 11/25/19
OPERATOR'S WELL# FRALEY UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,275' - AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE SH - SMITHBURG 7.5' BH - WEST UNION 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
SURFACE OWNER SAMUEL AND PEGGY SMITH ACREAGE 28.956 ACRES +/-
OIL & GAS ROYALTY OWNER ELAINE DEBOLT; R. L. BARNES ET UX; LEASE ACREAGE 84.8 ACRES+; 222 ACRES+;
D.L. DOTSON ET UX; DEBORAH S. ARMSTRONG ET VIR; 58 ACRES+; 27.5 ACRES+;
NANCY BOOMER ET VIR; CLARENCE W. MUTSCHELKNAUS ET AL 84 ACRES+; 96 ACRES+
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 16,900' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313