

LATITUDE 39°12'30"

6,871'

LATITUDE 39°10'00" 834' TO BOTTOM HOLE

LONGITUDE 80°52'30"

12,014' TO BOTTOM HOLE

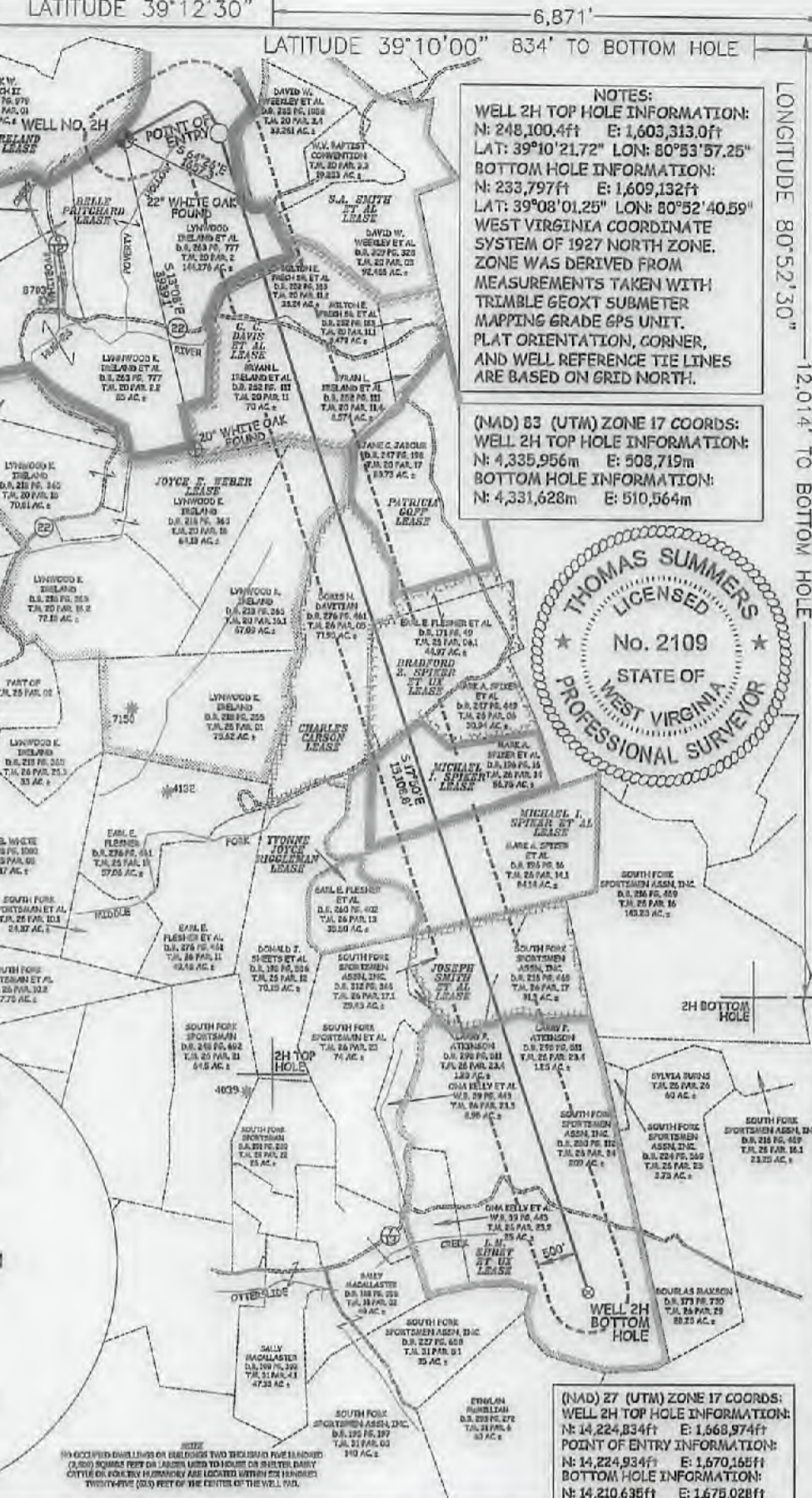
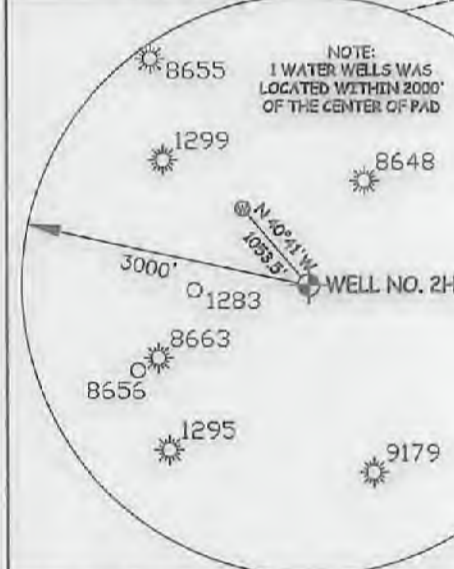
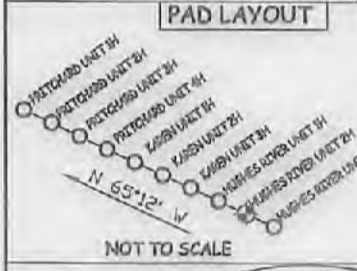
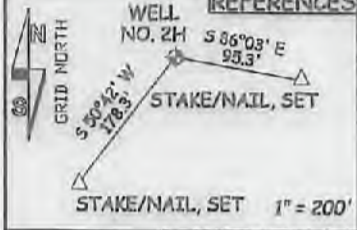
12,979'

LONGITUDE 80°52'30"

Antero Resources Corporation
Well No. Hughes River Unit 2H
47-085-10214

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 248,100.4ft E: 1,603,313.0ft
LAT: 39°10'21.72" LON: 80°53'57.25"
BOTTOM HOLE INFORMATION:
N: 233,797ft E: 1,609,132ft
LAT: 39°08'01.25" LON: 80°52'40.59"
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: 4,335,956m E: 508,719m
BOTTOM HOLE INFORMATION:
N: 4,331,628m E: 510,564m



JOB # 14-127WA
DRAWING # HUGHESRIVER2HRS
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

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

LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Existing Fence
Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 07/08/18
OPERATOR'S WELL# HUGHES RIVER UNIT #2H

WELL TYPE: OIL CAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 945.5' AS BUILT WATERSHED SOUTH FORK HUGHES RIVER
QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
SURFACE OWNER LYNWOOD IRELAND ET AL ACREAGE 144,276 ACRES +/-
OIL & GAS ROYALTY OWNER BELLE PRITCHARD; C. G. DAVIS ET AL; LEASE ACREAGE 415 AC±; 130 AC±;
JOYCE E. WEBER; CHARLES CARSON; BRADFORD Z. SPIKER ET UX; MICHAEL I. SPIKER; 445.67 AC±; 71.95 AC±; 80 AC±; 56 AC±;
MICHAEL I. SPIKER ET AL; JOSEPH SMITH ET AL; L. M. EHRET ET UX 84.14 AC±; 63 AC±; 234 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' TYD 23,600' 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 26313

COUNTY NAME PERMIT