

LATITUDE 39°25'00"

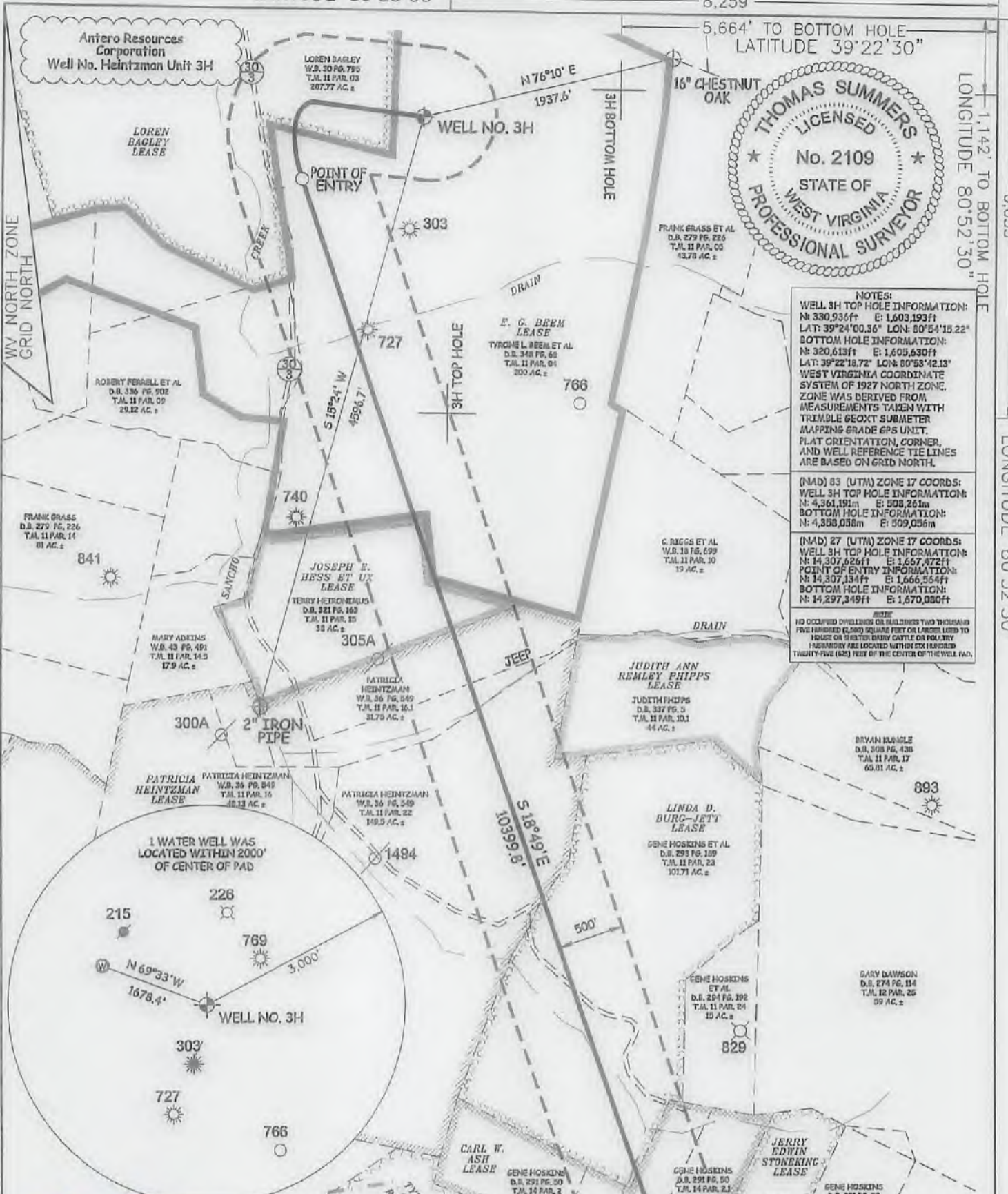
8,259'

5,664' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°52'30"

6,035'

LONGITUDE 80°52'30"



NOTES:
 WELL 3H TOP HOLE INFORMATION:
 N: 330,936ft E: 1,603,193ft
 LAT: 39°24'00.36" LON: 80°54'18.22"
 BOTTOM HOLE INFORMATION:
 N: 320,613ft E: 1,605,630ft
 LAT: 39°22'18.72" LON: 80°53'42.13"
 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.

(MAD) 83 (UTM) ZONE 17 COORDS:
 WELL 3H TOP HOLE INFORMATION:
 N: 4,361,191m E: 508,261m
 BOTTOM HOLE INFORMATION:
 N: 4,358,038m E: 509,056m

(MAD) 27 (UTM) ZONE 17 COORDS:
 WELL 3H TOP HOLE INFORMATION:
 N: 14,307,826ft E: 1,657,472ft
 POINT OF ENTRY INFORMATION:
 N: 14,307,134ft E: 1,666,564ft
 BOTTOM HOLE INFORMATION:
 N: 14,297,349ft E: 1,670,080ft

NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR STORED BURNING CATTLE OR HORSE INVENTORY ARE LOCATED WITHIN SIX (6) HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

Thomas Summers
 THOMAS SUMMERS P.S. 2109
 DATE 07/12/18
 OPERATOR'S WELL # HEINTZMAN UNIT 3H

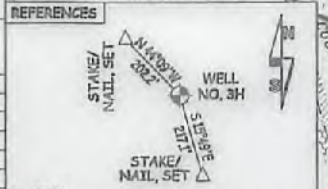
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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 # 17-052WA
 DRAWING # HEINTZMAN3H2
 SCALE 1"=100'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,115'-AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE MIDDLEBOURNE 7.8TH PENNSBORO 5.8TH DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER TYRONE L. BEEM ET AL ACREAGE 300 AC +/-
 OIL & GAS ROYALTY OWNER E. G. BEEM; LOREN BAGLEY; JOSEPH E. HESS ET UX; PATRICIA HEINTZMAN; LINDA D. BURG-JETT; CARL W. ASH; L. GENE HOSKINS ET UX; LINDA D. BURG-JETT

STATE COUNTY PERMIT
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 HEINTZMAN UNIT 3H
 HEINTZMAN UNIT 2H
 HEINTZMAN UNIT 1H

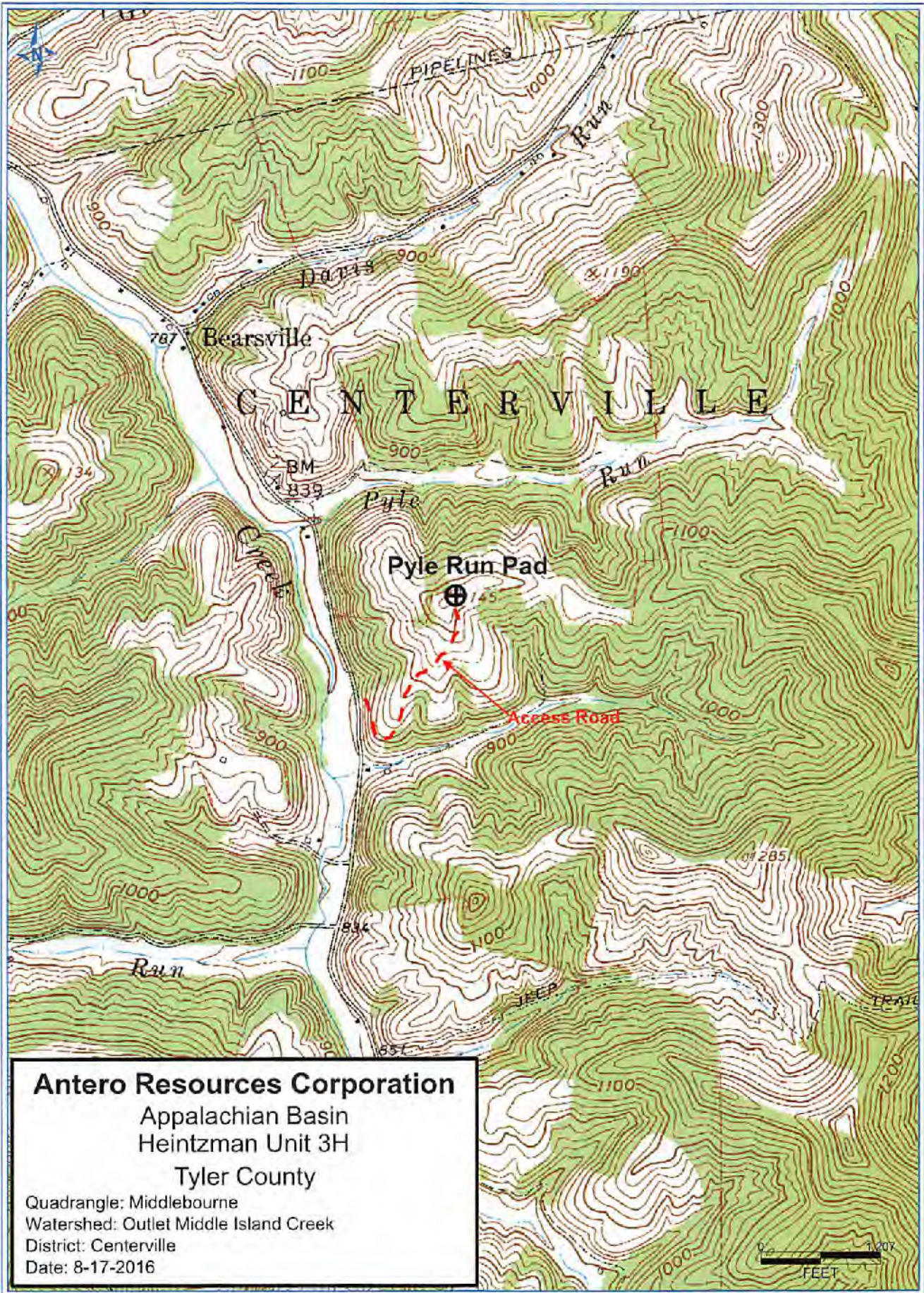


LEASE ACREAGE 317 AC +/-; 207.77 AC +/-; 39AC +/-; 323.76 AC +/-; 101.7 AC +/-; 43.5 AC +/-; 87 AC +/-; 85 AC +/-

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,000 TVD 17,400 MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1616 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL
 FRACTURE OR STIMULATE X PERFORATE NEW FORMATION X PLUG OFF
 OLD FORMATION PLUG & ABANDON CLEAN OUT & REPLUG
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

08/24/2018



Antero Resources Corporation
Appalachian Basin
Heintzman Unit 3H
Tyler County
Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Centerville
Date: 8-17-2016