

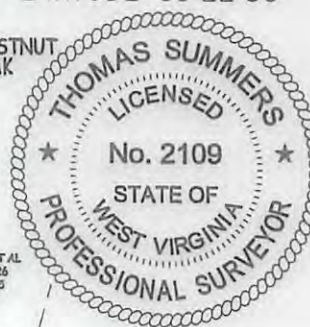
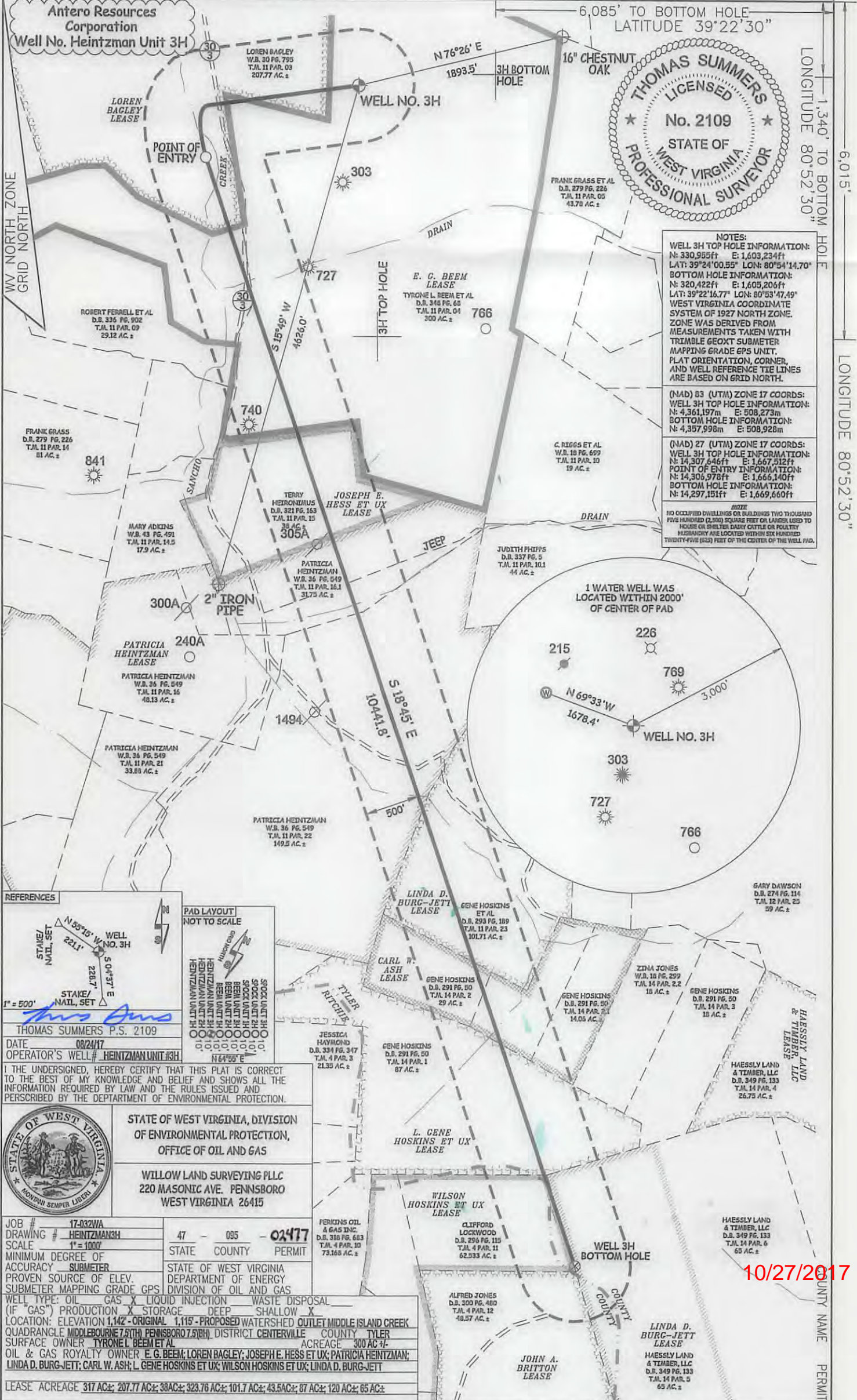
LATITUDE 39°25'00"

8,219'

6,085' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"



NOTES:
 WELL 3H TOP HOLE INFORMATION:
 N: 330,955ft E: 1,603,234ft
 LAT: 39°24'00.55" LON: 80°54'14.70"
 BOTTOM HOLE INFORMATION:
 N: 320,422ft E: 1,605,206ft
 LAT: 39°22'16.77" LON: 80°53'47.49"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE EPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 3H TOP HOLE INFORMATION:
 N: 4,361,197m E: 508,273m
 BOTTOM HOLE INFORMATION:
 N: 4,357,998m E: 508,928m

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 3H TOP HOLE INFORMATION:
 N: 14,307,646ft E: 1,667,512ft
 POINT OF ENTRY INFORMATION:
 N: 14,306,978ft E: 1,666,140ft
 BOTTOM HOLE INFORMATION:
 N: 14,297,151ft E: 1,669,660ft

NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HABITANTS ARE LOCATED WITHIN SIX HUNDRED THIRTY-FIVE (635) FEET OF THE CENTER OF THE WELL PAD.

REFERENCES

STAKE/ NAIL, SET
 N 35°15' W 221'
 S 04°37' E 228.7'
 1" = 500'

THOMAS SUMMERS P.S. 2109
 DATE 08/24/17
 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.



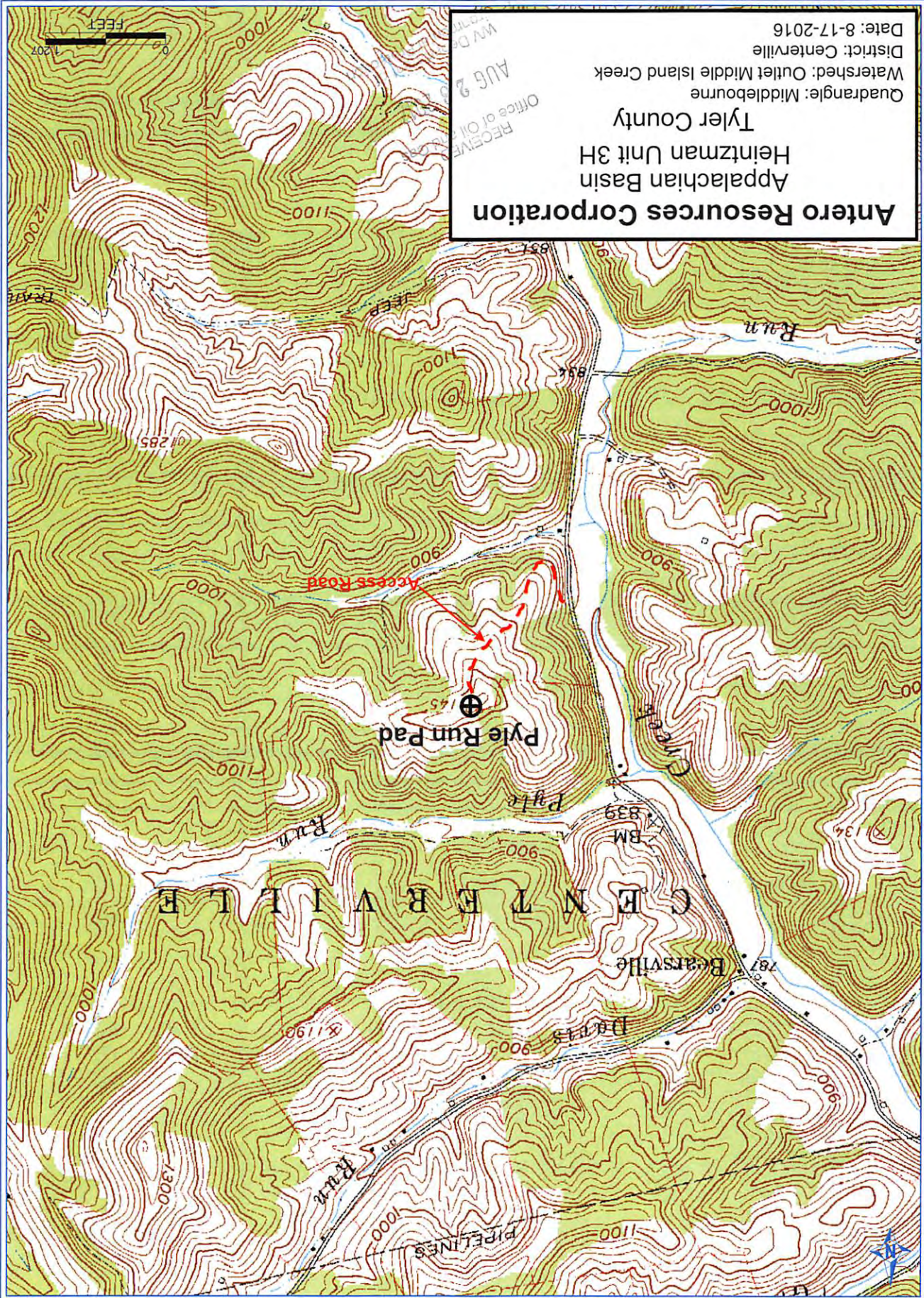
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 17-032WA	47 - 095 - 02477
DRAWING # HEINTZMAN3H	STATE COUNTY PERMIT
SCALE 1" = 1000'	STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
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 1,142 - ORIGINAL 1,115 - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5 (TH) PENNSBORO 7.5 (RH) 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; WILSON HOSKINS ET UX; LINDA D. BURG-JETT	
LEASE ACREAGE 317 AC ±; 207.77 AC ±; 38 AC ±; 323.76 AC ±; 101.7 AC ±; 43.5 AC ±; 87 AC ±; 120 AC ±; 65 AC ±	

TARGET FORMATION MARCELLUS	ESTIMATED DEPTH 6,800' TVD 17,500' MD	PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL
WELL OPERATOR ANTERO RESOURCES CORP.	DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM	FRACTURE OR STIMULATE X PERFORATE NEW FORMATION X PLUG OFF
ADDRESS 1615 WYNKOOP STREET	ADDRESS 5400 D BIG TYLER ROAD	OLD FORMATION PLUG & ABANDON CLEAN OUT & REPLUG
FORM WW-6	DENVER, CO 80202	CHARLESTON, WV 25313

10/27/2017



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

RECEIVED
 AUG 22
 Office of Oil & Gas

047-095-02477

10/27/2017